

National Pollutant Discharge Elimination System

Stormwater Discharge Permit

Extended Permit

Ninth Year

Annual Reporting

For Springfield, Oregon

For the Reporting Periods

July 1, 2014 - June 30, 2015



Please Note:

This is the ninth annual report for Springfield's MS4 permit that expired on December 31, 2011. Springfield is currently operating under an administratively extended permit.

This report covers the period from July 1, 2014 to June 30, 2015.

Purpose

This report fulfills the requirements for annual reporting of progress toward full implementation of Springfield's *National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) Stormwater Management Plan (SWMP)*, as required by Springfield's NPDES MS4 Stormwater Discharge Permit, provisions of the Oregon Revised Statutes (ORS) 468B.050, and the federal Clean Water Act. Its purpose is to document progress toward full implementation through the tracking of annual benchmarks and milestones set forth in the SWMP and to present modifications and amendments to the SWMP resulting from adaptive management of Springfield's program.

Background

Provisions of the NPDES program in the Clean Water Act require that municipalities obtain a permit for, and regulate, the discharge of pollutants in their urban stormwater runoff to the *maximum extent practicable (MEP)*. Pollutant reduction is achieved through the implementation of pollution reduction programs and practices collectively known as *Best Management Practices (BMPs)* that are required to be included in the permittee's SWMP.

Springfield's SWMP includes a list of BMPs developed specifically for this jurisdiction, along with a work plan and implementation schedule covering a five-year period, intended to correspond to the five-year term of the NPDES permit. Springfield's NPDES Stormwater Discharge Permit was issued by the DEQ on January 25, 2007, and an interim report was issued for the period from April 1 through June 30, 2007. Springfield submitted its first full year Annual Report, for the period July 1, 2007 to June 30, 2008, in November of 2008. The Second Annual Report, for the period July 1, 2008 to June 30, 2009 was submitted in November of 2009 and re-submitted by the direction of the DEQ in August of 2010. The Third Annual Report, for the period July 1, 2009 to June 30, 2010, was submitted in November 2010. The City's Fourth and Fifth Annual Reports, for the two reporting periods: July 1, 2010 to June 30, 2011 and July 1, 2011 to October 31, 2011 were submitted as a combined report in November of 2011. The reason for the combined report was due to the permit expiration date of December 21, 2011. The Sixth Annual Report was submitted in November of 2012 covering the period November 1, 2011 to June 30, 2012. The Seventh Annual Report was submitted in November of 2013 covering the period July 1, 2012 to June 30, 2013. The Eight Annual Report was submitted in October of 2014 covering the period July 1, 2013 to June 30, 2014. This report represents Springfield's Ninth Annual Report, covering the period July 1, 2014 to June 30, 2015.

General Considerations for Reporting

Springfield adopted its SWMP in January, 2004, with the anticipation that its NPDES MS4 permit would be issued shortly thereafter. The BMP implementation schedule included in the SWMP was prepared accordingly and includes a schedule starting in fiscal year 2003-04 and progressing through the balance of the anticipated 5-year schedule. Due to legal challenges to aspects of the DEQ's NPDES permitting regulations, the actual date of permit issuance was delayed until 2007. However, Springfield moved ahead in a measured fashion with implementation of some aspects of the SWMP. In April of 2009 the DEQ and Springfield came to an agreement to adjust the effective date for permit renewal and the SWMP schedule; the permit was issued January 25, 2007 with an expiration date of December 31st, 2011. This required Springfield to change the implementation schedule dates in its SWMP to reflect the agreed-upon schedule, followed by City Council re-adoption in April of 2009.

The Second Annual Report, submitted in November of 2009 and re-submitted in August of 2010, was finalized by the DEQ in January 2011. The status of the Third Annual Report (November of 2010), and the Fourth and Fifth Annual Reports (November of 2011), are unknown as DEQ has not provided comment on the reports. The Sixth and Seventh Annual Report status (November 2012 and 2013) is unknown as DEQ has not provided comment on the reports, though DEQ has acknowledged receiving them. Receipt of the Eighth Annual Report was acknowledged by the DEQ. Springfield is drafting this Ninth Annual Report with the assumption that the DEQ has no comment(s) needing to be addressed before the reporting deadline.

Many tasks outlined in the SWMP were initiated in 2004, before the actual issuance of Springfield's stormwater permit. Most tasks are ongoing, in accordance with Springfield's adopted SWMP and its original implementation schedule. Others are scheduled for initiation in a specific year and proceed onward, while yet others are discrete tasks occurring in only one year. Under the administratively extended permit Springfield has continued to implement ongoing tasks that were outlined in the original permit.

In addition to reporting progress with implementation of the SWMP BMPs, the Annual Report is the DEQ's preferred method for introducing any amendments to the SWMP. Amendments may be in response to requests by the DEQ to add or change provisions of the SWMP, or to make the SWMP consistent with new regulatory requirements and programmatic needs. Amendments may also be initiated by Springfield as a result of adaptive management needs within the stormwater program. Both of these types of changes are allowed by Springfield's MS4 permit, and DEQ guidance recommends that these amendments should be made through the annual reporting process. A revised SWMP and set of BMPs was submitted to DEQ in June 2011 as part of the City's original permit renewal application process. As mentioned previously, the City is

currently operating under an expired permit that has been administratively extended; therefore, no additional amendments are being requested in this annual report.

This report was compiled through analysis of the various BMPs implemented throughout the permit reporting period and the history of the SWMP. A working committee of City staff reviewed activities, programs, and identified gaps and future programmatic efforts throughout Springfield. Their contribution, as well as that of the DEQ permit staff, is acknowledged.

Regulatory Context

This report is submitted to the Oregon DEQ to satisfy the requirements of ORS 468B.025, and 40 CFR 122.41.

Anti-Backsliding

No adaptive management amendments to the SWMP are proposed for this reporting period, as such, there is no “Backsliding” as defined in the federal Clean Water Act (CWA 303(d)(4), CWA 402(c) or CFR 122.44(l)).

Relation to SWMP

Springfield is required to conduct an annual review and update of its SWMP (Schedule A, Condition 6a), and evaluate program compliance, appropriateness of BMPs, and progress toward its stated goals. This information is to be reported to the DEQ in an Annual Report, and required to be submitted to the Oregon DEQ by November 1 of each of the permit years.

Reporting Requirements

This Annual Report is required to include the following information:

- Status of compliance with permit conditions, assessment of the identified BMPs, progress toward reducing the discharge of pollutants to the MEP, and measureable goals for each control measure;
- Results of analysis of information used to assess the success of the program;
- Summary of activities Springfield plans to undertake for the next reporting year;
- A description of changes made to the SWMP, including changes to BMPs or goals identified in the SWMP;

- Information on all adjustments to the boundaries of Springfield;
- Notification if Springfield is relying on any other government entity to satisfy some of the permittee's obligations, if applicable; and,
- Number and nature of enforcement actions taken.

A discussion of each of these items is included, below:

Status of compliance with permit conditions, assessment of the identified BMPs, progress toward reducing the discharge of pollutants to the MEP, and measurable goals for each control measure.

Springfield is in substantial compliance with the provisions of its Stormwater Management Plan. Progress toward full implementation of the SWMP is summarized in the attached *Stormwater Implementation "Program-at-a-Glance"* Summary table.

A team representing the Development and Public Works Department, Environmental Services, Community Development (Engineering), Current Development (Planning) and Operations Divisions, has assessed this summary. Their assessment acknowledges the implementation schedule in the SWMP including the current status of the MS4 permit as being administratively extended and recommends no additional modifications or amendments to the existing SWMP.

The existing SWMP was adopted by the Springfield City Council and amended to incorporate changes negotiated with the DEQ from the 08-09 reporting period. As part of the permit renewal application process, proposed revisions to the SWMP were submitted to the DEQ in June 2011 with the permit renewal application. While under administratively extended permit status, Springfield is still implementing the 2010 SWMP that was approved by the DEQ and adopted by Springfield City Council even though the timelines of the SWMP goals and tasks are outdated. Springfield will continue to use the City's 2010 SWMP and will redraft an appropriate revised SWMP once the MS4 Permit Development process is completed. Currently that expected date is projected to be sometime in 2016.

Analysis of Information Used to Assess the Success of the Program

Springfield's stormwater management responsibilities are spread across divisions and departments and are summarized and updated in the *Stormwater Implementation "Program-at-a-Glance"* document. Programmatic evaluation includes staff input, inspection logs, and ongoing adaptive management.

Water quality monitoring is not used as a compliance indicator or program evaluation tool, but is used as a management tool in evaluating overall watershed health and to prioritize water quality improvement efforts.

Summary of activities Springfield plans to undertake for the next reporting year

Springfield's current permit and reporting activities under the current SWMP expired on December 31, 2011. Future activities relating to stormwater management were included in Springfield's Proposed Draft SWMP Chapter 5 BMP implementation schedule, dated June 2011. Springfield's Proposed Draft SWMP, dated June 2011, and MS4 permit renewal is pending as of the drafting of this annual report. As a result, Springfield continues to implement and improve upon activities as listed in the 2010 approved and adopted SWMP. Since Springfield's permit renewal submittal in 2011, the Oregon DEQ has determined a need to revisit the MS4 permit renewal process for Phase 2 communities and has since convened an MS4 Advisory Committee to develop a general permitting process for Oregon. Once this process is finalized, Springfield will revisit and redraft a Proposed Draft SWMP. Future activities relating to stormwater management included in Springfield's Proposed Draft SWMP Chapter 5 BMP implementation schedule will most likely change due to the extended time between the 2011 drafting and the approval of the General Permit process which is not anticipated to occur until 2016.

A description of changes made to the SWMP, including changes to BMPs or goals identified in the SWMP

Past BMP Implementation Schedule Adjustment – DEQ Requested

DEQ has requested, and Springfield proposes, that the implementation schedule outlined in the original SWMP be amended to align with DEQ's recommended "Permit Year," based on the issuance of Springfield's NPDES MS4 permit in 2007. Further, DEQ has requested that the first year of implementation of the BMP implementation reporting schedule be a place holder report for April 1, 2007, through June 30, 2007, and subsequent permit years precede based on this date. Thus, Permit Year 1 = July 1, 2007 through June 30, 2008, etc...ending year 5 at December 31st 2011. BMP implementation schedule adjustments were made in 2007 and annual reporting continues while Springfield is in extended status.

Currently there are no proposed amendments for this reporting period.

Proposed Adaptive Management SWMP Amendments

The SWMP was developed in 2003, prior to the implementation of several of Springfield's current stormwater management programs and practices. Formal implementation of the SWMP

was initiated shortly after final adoption of the SWMP in 2004. Since that time, BMP implementation tasks contained in the SWMP have been completed.

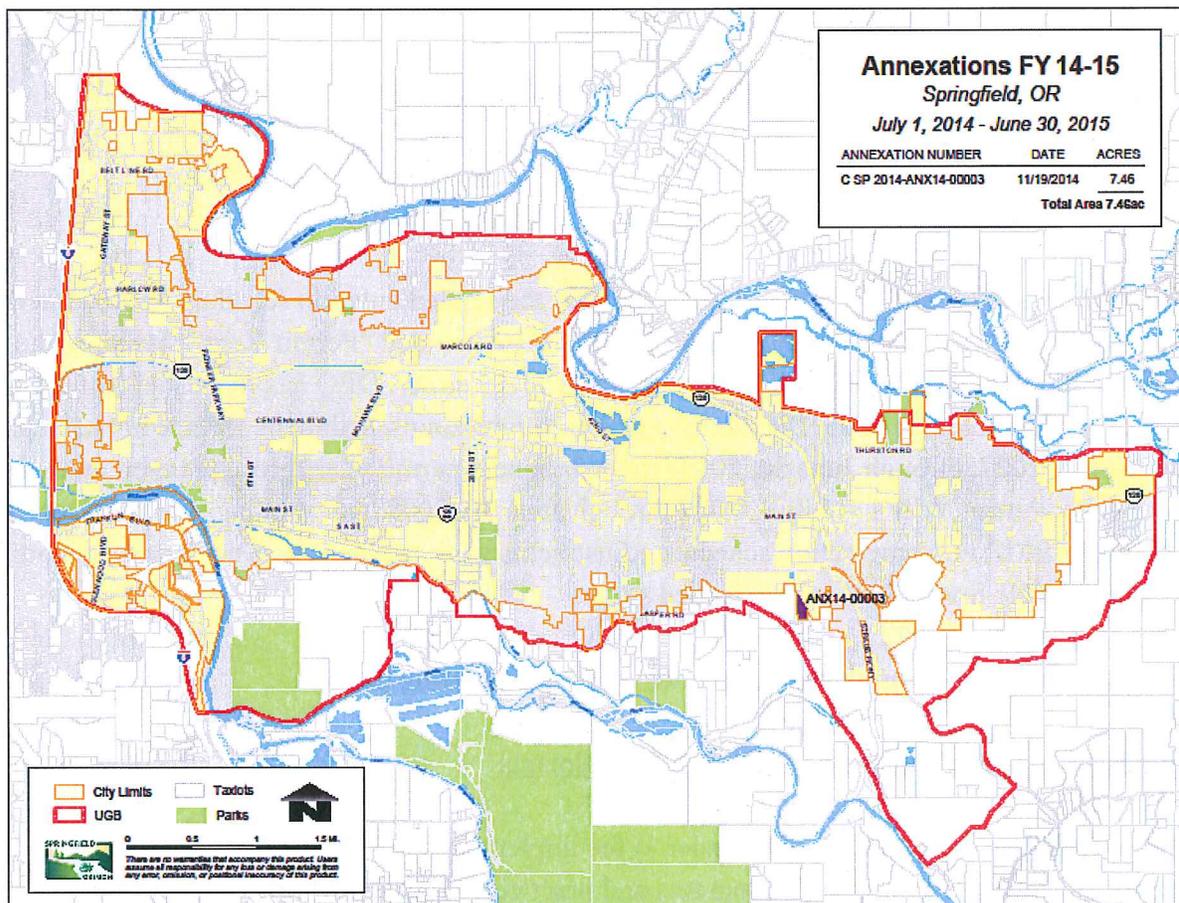
Over the course of the implementation process, certain adaptive measures were identified to streamline the SWMP implementation, enhance the effectiveness of the program, and increase the efficiency with regard to resource management. These measures are collectively considered adaptive management of the SWMP.

Springfield is not requesting adaptive management amendments for this reporting period.

Information on all adjustments to the boundaries of Springfield

Springfield periodically annexes land located inside its Urban Growth Boundary (UGB) as development proceeds. The annexation process is contained in the Springfield Development Code.

Annexations to Springfield from legal records during the reporting period(s) are shown on the annexation map below:



Notification if Springfield is relying on any other government entity to satisfy some of the permittee's obligations, if applicable.

Springfield is not relying on any other government entity to satisfy any of its obligations.

Number and nature of enforcement actions taken

Enforcement actions relating to Springfield's NPDES MS4 permit include the areas of Illicit Discharge Detection and Elimination (IDDE program), Construction Site Runoff Control (Land & Drainage Alteration Program, or LDAP) and Post-Construction Stormwater Management. Springfield approaches compliance in these programs with an emphasis on education and cooperative compliance, but with the regulatory authority to escalate the impact of its efforts to achieve compliance. All three programs have dedicated staffing and conduct inspections and outreach according to written work plans.

Illicit discharge compliance is overseen by the City's Water Resources IDDE Program. Construction Site Runoff is regulated through Springfield's Land Drainage Alteration Permit (LDAP) Program. The Water Resources group also oversees compliance for the Water Quality Facility Management Program. All three of these programs are implemented by Springfield's Development and Public Works Department.

The results below outline the scope and nature of actions taken by Springfield during the period from July 1, 2014 to June 30, 2015:

IDDE Program

Complaints received and responded to:	95
Enforcement citations/actions initiated:	0

Calls responded to by the Operations Division:

(Including illicit discharges + hazardous materials reports): 147

Land Drainage Alteration Permit (LDAP) Program

Permits Issued:	73
Inspections Completed:	171
Construction sites in compliance:	152
Construction sites out of compliance:	19
Enforcement actions initiated:	1
Citations:	0

Actions for sites that qualified for 1200-CN coverage:

Sites between one and five acres:

Total inspection: 27

Inspection Passed: 25

Inspections Failed: 2

Enforcement Actions: 0

Sites under one acre but part of a larger common plan:

Total inspection: 91

Inspection Passed: 82

Inspections Failed: 9

Enforcement Actions: 1

Post Construction WQ Facility Inventory and Inspection program. Inventory is calculated from July 2014 – June 2015 and would be for July 2015 inspections. Inspections typically occur between July and October, and the following are 2014 inspections. Note that inventory and inspection numbers are for sites and not individual facilities; there maybe more than one facility per site.

Totals include both vegetated and structural facilities.

New inventoried sites: 13

Inspected sites: 37

Sites found in non-compliance: 11

Citations initiated: 0

SWMP Amendment and Adoption Process

Springfield's SWMP has been adopted by the City Council, and so requires a formal process for amendment, including public participation. Any amendments included in this report and its attachments, and any comments or additional conditions negotiated with the DEQ for inclusion into the SWMP will be incorporated into the proposed SWMP amendments. The amended SWMP will be presented to the Springfield City Council for review and ultimate adoption. An amended final SWMP document will then be forwarded to the DEQ. Accordingly, this submittal cannot commit to specific amendments that will ultimately be included in the SWMP.

Statement of Compliance

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Matt Stouder, Environmental Services Manager

Attachment: Attachment A, Stormwater Implementation "Program-at-a-Glance."

**Stormwater Implementation "Program-at-a-Glance"
Extended Permit July 1, 2014 to June 30, 2015
City of Springfield**

Program Area	BMP Identification	BMP Description	Responsible Party ^{3,4}	Implementation Tasks ¹ from SWMP	Measurable Goals ¹	SWMP Goal(s) ¹ Achieved ?	Accomplishments, proposed changes and plans
Public Education	PE1	City Council and Planning Commission Communication and Coordination	Public Works Director	<p>Update City Council and Planning Commission on effectiveness of stormwater outreach efforts each year.</p> <p>Solicit feedback from City Council on effectiveness of communication.</p> <p>Evaluate the public's perception of the City's success at addressing the 7 key outcomes.</p>	<p>Use public events, periodic surveys, or consultation with Planning Commission or City Council members to solicit feedback.</p> <p>Communicate with Council to solicit feedback on effectiveness of outreach efforts. Relay this information to the Council and Commission.</p> <p>Solicit feedback from council during work sessions to evaluate success of presenting City's SW program requirements.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • Council was given presentations and updated on Stormwater programs, Annual Report, and MS4 Permit status. Council remains concerned about how long permitting process is taking. • Sessions held with the Council on municipal code changes that identified Code conflicts involving pollution and water quality related issues (Code 4.428). Code changes were made and adopted. • Council was sent communication packets on the City's TMDL status, 5th Year Review Report, and 2014 TMDL IP. • Work Sessions with Council for stormwater user fee discount programs. Discussed options and types of programs. • Stormwater annual user fee increases presented and approved by Council. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • Council was updated on SWMP Programs, MS4 and TMDL Annual Reports, and MS4 Permit status. Council remains concerned about how long permitting process is taking. • Continued to update Council through Regular Sessions, Work Sessions, and Briefing memos. Some of the topics included: stormwater user fees, municipal code changes for construction site activity (Chapter 8 of City Municipal Code), Mill Race Stormwater Treatment Park and path, Canines for Clean Water Program and Contest, Public Works Week, Earth Day contest, and the reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented and approved by Council.
Public Education (cont.)	PE2	Outreach Efforts with Regional Partners	Maintenance Manager ESD Manager	<p>Continue partnerships in local and statewide programs.</p> <p>Review effectiveness of partnership programs yearly.</p>	<p>Evaluate participation in Pollution Prevention Coalition (P2C), Association of Clean Water Agencies (ACWA), and other partnerships.</p> <p>Evaluate partnerships for effectiveness and ability to produce value to the City</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • Maintained membership & participation with regional partners - P2C, ACWA, Groundwater Guardians, McKenzie Watershed Council, Middle Fork Willamette Watershed Council, McKenzie Emergency Response System, Special Ops, National Public Works Association, Lane Community College, and Spring Cleanup Partnership. • Continued Pet Waste Management Program outreach with Willamalane Park & Rec District, in City ROW, and with Springfield School District. 11,400 bags provided. • Five Water Resource staff participated in the regional ACWA Stormwater Summit. • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in the development and airing of a radio ad, the translation of the carwash brochures into Spanish – 50 copies distributed and 7 sites with multiple events. Mailed 33,000 educational brochures to Springfield Utility Board customers. • Continued metro wide Pressure Washing Program and delivered brochures and equipment tags to businesses. • Canines for Clean Water Program had 2 public booth events that resulted in 180 pledges, and the distribution of 180 bandanas, 189 bag holders, and 50 yard signs. Additionally 50 bag holders and 50 yard signs were handed out from City Hall offices, 2,500 calendars went out to residents in the UGB, and 240 brochures were delivered to participating pet supply stores. • The Clear Water Gardens Program held 2 rain garden workshops and 2 booth events that resulted in 1 rain barrel given away, 1140 brochures distributed, 9 surveys filled out, and 26 pledges. The program was advertised in BRING's Tour of Homes guide. • The drug take back drop box that collects unused prescription drugs for proper disposal continues to fill regularly. A press release was done about proper disposal. Additionally, an editorial article ran in the local newspaper discussing the concerns around flushing prescription drugs down the toilet. • Finished the DWP Project in collaboration with SUB. Created an inventory of drinking water protection sites and their relationship to water quality facilities.

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Public Education (cont.)	PE2 (cont.)	Outreach Efforts with Regional Partners (cont.)		Continue partnerships in local and statewide programs. Review effectiveness of partnership programs yearly. (cont.)	Evaluate participation in Pollution Prevention Coalition (P2C), Association of Clean Water Agencies (ACWA), and other partnerships. Evaluate partnerships for effectiveness and ability to produce value to the City (cont.)	Yes	<ul style="list-style-type: none"> • Regional programs have provided additional opportunities to apply BMP's and educational efforts as a metro-wide standard. • The Ecobiz Program was advertised on 4 City buses. WR staff continued to work with local auto shops in obtaining recertification. 1 shop recertified during this permit cycle. • Staff attended meetings, helped coordinate, and drafted a letter of support for an EPA grant submitted by EWEB (Environmental Education Grant). The grant proposed to engage high school students in restoration, sampling, etc. as well as adult education on stormwater impacts. The grant was not awarded to EWEB. • Outreach to local garden centers and nurseries included a postcard with BMPs that offered site visits by City staff to provide technical assistance. 22 postcards went out. • Water Resources staff participated in the Good Earth Home and Garden Show by staffing a regional partner booth at the event and discussing pollution prevention with the public. Staff also participated in the Lane County Home and Garden Show where Clean Water Garden promotional gifts were given away. • Water Resources staff provided two opportunities to interns and college level students by providing in the field projects; one intern worked on plant identification, creating restoration and planting plans, planning work parties with community groups along waterways. A class of 10 students worked on a Mill Race wetland monitoring projects that will monitor the plantings. The class developed an assessment protocol, identified plant species, set plots, and recorded the information. • The Youth Day of Caring event was done with 24 special edu students that planted trees and shrubs in the Pioneer Park Cemetery. • Staff participated in the annual Landscape Stakeholders Meeting that promotes rain gardens, naturescaping, and reducing water and chemical use. • Staff participated in two National Night Out events that promote safe communities. Staff stationed booths at 6 parks and provided activities promoting clean water such as water quality bookmark making and the Canines for Clean Water Program. Over 450 students participated in Public Works Week events held at City hall; staff provided fun activities that promoted clean water, pollution prevention, and recycling. • The Paint Program continued to distribute brochures at local businesses. The public took 105 English and 75 Spanish brochures. • The Septic System Program is ongoing. This permit cycle 3663 septic system maintenance brochures were distributed. Most of these were mailed to residents in the UTZ in a Rainbow Water District billing insert. • City and Lane County staff participated in multiple educational webinars. Topics included green infrastructure, LID, pollution prevention, bank restoration, channel restoration, and developing and implementing effective educational programs. • Staff from Eugene and Springfield participated in several meeting regarding updates to both Eugene's Stormwater Management Manual and Springfield's Engineering and Design Standards. Discussed developing a regional approach, and compared the manuals and codes for the two cities. • Letters and edu material was sent to fire extinguisher training companies recommending BMPs to use during training exercises. • The City completed a demonstration stormwater site which included a rain garden, pervious paver pathway, and naturescape. Botanical signs were installed and work on interpretive signage began. The City partnered with the Springfield School District and Springfield Utility Board for this project.

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Public Education (cont.)	PE2 (cont.)	Outreach Efforts with Regional Partners (cont.)		Continue partnerships in local and statewide programs. Review effectiveness of partnership programs yearly. (cont.)	Evaluate participation in Pollution Prevention Coalition (P2C), Association of Clean Water Agencies (ACWA), and other partnerships. Evaluate partnerships for effectiveness and ability to produce value to the City (cont.)	Yes	<ul style="list-style-type: none"> • The City wrote a letter of support for a Long Tom Watershed Council grant. The grant applied for funding to create a "Salmon Safe" landscape certification program for business. • Springfield continued its partnership with EWEB on the 48th Street Restoration Partnership Projects. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • Maintained membership and participation with regional partners - P2C, ACWA, Groundwater Guardians, McKenzie Watershed Council, Middle Fork Willamette Watershed Council, McKenzie Watershed Emergency Response System, Stormwater Special Operations, National Public Works Association, Lane Community College, Landscape Stakeholders, and Spring Clean Up Partnership. • Continued Pet Waste Management Program outreach with Willamalane Park & Rec District, in City ROW, and with Springfield School District. 10,200 bags provided, 1 bag dispenser installed, 1 full pet station installed, 1 pet waste sign installed. • 8 DPW staff participated in the regional ACWA Stormwater Summit. • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in 5 wash sites, 48 flyers sent out to church groups and 11 HOAs. Outreach efforts also included 9 phone contacts and 3 email contacts. • Continued metro wide Pressure Washing Program and delivered brochures and equipment tags to businesses; 2 booklets provided to mobile companies. • Canines for Clean Water Program (C4CW) had 4 public booth events that resulted in 324 pledges, and the distribution of 324 bandanas, 324 bag holders, and 102 yard signs. Additionally, a C4CW display case was installed at City Hall, an additional 380 pledges made during the online calendar contest, 3285 calendars went out to residents in the UGB, and 54 brochures went out to a local utility for distribution. • The C4CW calendar contest resulted in 1,041 Facebook likes, 380 submissions, 735 contest flyers going out. • The Clear Water Gardens Program held 1 rain garden workshop with 7 participants, held 1 presentation with 12 participants – 10 brochures went out, 15 gloves, and 8 plants given away. The program ran 1 ad in the BRING tour of homes guide, provided 1,021 brochures to garden centers and City Hall display cases. Additionally, 1 display was installed in City Hall, 30 pairs of gloves and 130 native plants given away, and 1 rain garden was installed by a private resident. Two interpretive panels describing the benefits of rain gardens, native plants, and pervious surfaces were installed at the Clean Water Gardens demonstration project. The site was maintained by City and School District staff. • The City created a wrap for the Clear Water Trailer with the tag line "Protecting Springfield Streams – With Your Help." The trailer is available to reserve and gives residents a way to improve their local waterways with City guidance. The trailer is used for planting natives, litter pick up, and invasive plant removal. To advertise the trailer, 568 postcards were mailed to community groups. We also created a QR code for the program, which was scanned, by the public eight times. A news station also ran a story on the program. • The Drug Take Back drop box that collects unused prescription drugs for proper disposal continues to fill regularly. One regional drug round up event was held. • The EcoBiz Program continued to work with local auto shops in obtaining recertification; 2 shops recertified, 8 shops visited, and 52 letters sent out during this permit cycle. • Water Resources staff participated in the Lane County Home Show by staffing a
Public	PE2	Outreach Efforts		Continue partnerships in local	Evaluate participation in Pollution		

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Education (cont.)	(cont.)	with Regional Partners (cont.)		and statewide programs. Review effectiveness of partnership programs yearly. (cont.)	Prevention Coalition (P2C), Association of Clean Water Agencies (ACWA), and other partnerships. Evaluate partnerships for effectiveness and ability to produce value to the City (cont.)	Yes	<p>regional partner booth at the event and discussing pollution prevention with the public. 5 native plants were given away as promotional gifts.</p> <ul style="list-style-type: none"> A class of Lane Community College students worked on Mill Race wetland monitoring projects that monitor the vegetation, turtles, and frogs. The Youth Day of Caring event was renamed "Peacejam". Staff worked with 23 students that planted 300 trees and shrubs along the Q Street Floodway and the media did one news story. Staff participated in 2 National Night Out events that promote safe communities. Staff stationed booths at 4 parks and provided activities promoting clean water such as water quality bookmark making and the Canines for Clean Water Program. Over 410 students from 5 schools participated in Public Works Week held at City hall; staff provided fun activities that promoted clean water, pollution prevention, and recycling. The Paint Program continued to distribute brochures at local businesses. The public took 609 English and 36 Spanish brochures. The Septic System Program is ongoing. This permit cycle 337 septic system maintenance brochures were distributed. Staff from Eugene and Springfield participated in a 2nd group meeting regarding updates to both Eugene's Stormwater Management Manual and Springfield's Engineering and Design Standards. This meeting focused on WQF maintenance. Springfield continued its partnership with EWEB on the 48th Street Restoration Partnership Projects; one site visit with wetland consultants was done and Springfield staff gave EWEB staff a tour of the headwaters. The Annual Spring Cleanup event gave away an additional 500 car washing for clean water brochures and collected tons of appliances, electronics, metal, yard debris, and other house hold waste products that were recycled or reused. ESD staff began developing a mercury educational brochure. This brochure will be distributed at regional events and available at front counters. Lane County partnered on the development of the brochure. Although Springfield's Little Litter Campaign is not a regional program, it is a public education program. It kicked off this permit cycle with an educational message designed and installed on the back of a City bus and a small signed that business owners can have to display in areas of high small garbage loading such as cigarette butts; 15 signs were distributed. Additionally, a bookmark was developed that carried the same message and was distributed at a regional home show event and Springfield Library; 400 bookmarks were distributed.
Public Education (cont.)	PE3	Stormwater Education School Workshops	ESD Manager	Develop a stormwater education workshop; promote thru school district, provide workshops, update and review program.	Measure effectiveness through teacher surveys. Provide workshops and update and review programs.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Existing programs continued. Workshops and classroom activities are constantly being assessed and adjusted to meet the needs of the class and projects. Education efforts were then promoted through individual schools and school-sponsored events. Clean Water University held 8 classes with 225 5th grade students. <ul style="list-style-type: none"> Earth day poster contest with 5th graders – over 60+ entries. A local youth group participated in a facility enhancement along 1 waterway pulling invasive plants. Over 450 students participated in Public Works Week events held at City hall; staff provided fun activities that involved clean water, pollution prevention, and recycling. The Youth Day of caring event was done with 24 special edu students that planted trees and shrubs in the Pioneer Park Cemetery. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p>
Public Education (cont.)	PE3 (cont.)	Stormwater Education School Workshops		Develop a stormwater education workshop; promote thru school district, provide	Measure effectiveness through teacher surveys.		

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		(cont.)		workshops, update and review program. (cont.)	Provide workshops and update and review programs. (cont.)	Yes	<ul style="list-style-type: none"> Existing programs continued. Workshops and classroom activities are constantly being assessed and adjusted to meet the needs of the class and projects. Education efforts were then promoted through individual schools and school-sponsored events. Clean Water University held 5 fall classes with 132 5th grade students and 7 spring classes with 108 5th grade students. <ul style="list-style-type: none"> Continued the annual Earth Day poster contest with 408 students from 10 schools – 4th and 5th grade students. Sky Camp Macro-invertebrate classes were held with 72 5th graders. A local youth group of 15 high school students participated in a facility enhancement along 1 waterway and one WQF pulling invasive plants and picking up garbage. Over 410 students participated in Public Works Week events held at City Hall; staff provided fun activities that involved clean water, pollution prevention, and recycling. The Peacejam event planted 300 plants by 23 students along the Q Street Floodway.
Public Education (cont.)	PE4	Stormwater Educational Brochures Portfolio	ESD Manager Maintenance Manager	<p>Continue to develop, review and distribute public educational portfolio material to key PW field staff each year.</p> <p>Continue to provide stormwater educational material, spill response information and SOPPs to new PW staff each year.</p> <p>Review field logs and update portfolios as necessary.</p>	<p>Log field observations of SW impacts.</p> <p>Continue to provide materials and training to new and key Public Works staff based on the types of call outs, field observations, and SW programs.</p> <p>Evaluate program annually with field staff; revise program as appropriate to enhance effectiveness.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Continued logging and tracking of calls. Made improvements to the City website making it more user friendly, updated factsheets and handouts, and posted current TMDLs and MS4 information. Discussion began on dedicating an e-mail address for the public to communicate with WR staff and adding links to the website for the public to report pollution. Educational portfolios were updated and restocked – 10 folios total. An informational training was done with the Operations Division by the IDDE staff on the portfolios, their use and the material inside. LDAP staff gave one presentation to Development and Public Works staff on the LDAP program, reporting and available factsheets and handouts. Identifying types of stormwater related material that is needed will continue into the next permit cycle. This permit cycle 3663 septic system maintenance brochures were distributed. The drug take back drop box that collects unused prescription drugs for proper disposal continues to fill regularly. A press release was done about proper disposal. Additionally, an editorial article ran in the local newspaper discussing the concerns around flushing prescription drugs down the toilet. Clean Water At A Glance Factsheets were reviewed; none were updated. Factsheets and hand out were distributed to the public at Canines for Clean Water pledge events, home shows, Clean Water Garden booths and during pollution response call outs. Posted 41 door hangers about water quality facility maintenance in one neighborhood. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Made improvements to the City website making it more user friendly, updated factsheets and handouts, and posted current TMDLs and MS4 information. Purchased the Springfieldstreams.org domain name; this domain name serves as a redirect to our main Clean Water Program page. This means that someone can enter Springfieldstreams.org and directly access our webpage, it has been used extensively in our outreach materials including: Canine Calendar, Clean Water Trailer, Pens, Brochures/Flyers, and Social media. Continued logging and tracking of calls, review of materials, and development of materials. Educational portfolios were updated and restocked; 8 total. This permit cycle 337 septic system maintenance brochures were distributed.

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							<ul style="list-style-type: none"> Factsheets and hand outs were distributed to the public at Canines for Clean Water pledge events, home shows, Clean Water Garden booths, Car Wash events, and during pollution response call outs. Meetings were held to discuss cost and feasibility of translating more of the CWAAG Factsheets into Spanish. The City website access to factsheets and handouts was updated and staff utilized social media more in order to engage the public and provide information. Other outreach and education was the installation of 2 no wildlife feed signs in a local park where wildlife feeding is common.
Public Education (cont.)	PE5	Utility Billing Inserts	ESD Manager Springfield Utility Board (SUB)	Develop print, and distribute inserts once per year in sewer billing statements.	Continue to develop 1 insert per year. Track feedback from customer's inquiries to determine effectiveness.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Two utility billing inserts were developed and distributed during this permit cycle; one insert with information promoting the City's Fish Friendly Car Wash Kit Program and the other discussing stormwater user fees and what they are used for. Both brochures had information about pollution prevention and water quality. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> One utility billing inserts were developed and distributed during this permit cycle. The focus was on the benefits of rain gardens. 31,000 went out to SUB billing customers and an additional 1,000 to SUB office for over the counter distribution and 50 distributed in the P2C brochure kiosk in City Hall.
	PE6	Technical Assistance and outreach to targeted businesses / industries	ESD Manager	<p>Initiate technical contacts with major industries with NPDES permits.</p> <p>Continue outreach to include targeted industries included in EPA guidance.</p> <p>Evaluate program effectiveness and adapt program as appropriate to enhance cooperation and effectiveness.</p> <p>Continue inspections, complaint response, and compliance efforts.</p>	<p>Initiate contacts with NPDES permit holders. Initiate contact with targeted industry and businesses. Adaptively manage program based on evaluation.</p> <p>Adapt program as appropriate</p> <p>Conduct periodic inspections at sources</p> <p>Respond to and log industry-related complaints.</p> <p>Provide technical assistance/ training as industries and businesses become identified and /or part of the outreach program</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Provided NPDES Permit review comments for 3 industries. Continued outreach to targeted industries and businesses; Canines for Clean Water Program distributed 240 brochures and 2,500 calendars to pet related businesses, the Clean Water Garden Program distributed 22 postcard s to garden centers, the Paint Education Program distributed 180 brochures to paint centers, and the Pressure Washing Program distributed brochures to pressure washer supply businesses. Sent BMP letters to companies conducting fire extinguisher training events. The letter discussed ways to prevent pollution from extinguisher media and fuels from getting into the storm system. Researched and discussed a project to educate businesses with boiler-blow down general permits in Springfield. The focus has changed to inventorying and evaluating industrial sites and/or industries that have the potential to contribute point source loading. The first stage of this project will be to develop a list of industries/businesses, permit type, and potential pollutants. Provided car wash kits and education at multiple sites; brochures advertising the program were mailed to 33,000 residents. Additionally staff worked on getting a flyer translated into Spanish. Businesses and industries required to have drinking water protection signs posted and have a water quality facility on their site were inspected, provided water quality information to ensure the facility remains in compliance and that DWP signs are posted. This inspection process is done as part of the Water Quality Facility Management Program The EcoBiz program obtained one new auto shop certification. Ongoing technical assistance, education, and training are provided during all illicit discharge responses. This includes providing outreach and technical assistance regarding pressure washing, painting, washwater, pesticide use, pet waste management, and construction site runoff. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Requested updated or current Stormwater Pollution Control Plans from 25 industries. Continued outreach to targeted industries and businesses; Canines for Clean Water
Public Education (cont.)	PE6 (cont.)	Technical Assistance and outreach to targeted businesses /		Initiate technical contacts with major industries with NPDES permits. Continue outreach to include targeted industries included in	Initiate contacts with NPDES permit holders. Initiate contact with targeted industry and businesses. Adaptively manage program based on evaluation.		

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		industries (cont.)		EPA guidance. Evaluate program effectiveness and adapt program as appropriate to enhance cooperation and effectiveness. Continue inspections, complaint response, and compliance efforts. (cont.)	Adapt program as appropriate Conduct periodic inspections at sources Respond to and log industry-related complaints. Provide technical assistance/training as industries and businesses become identified and /or part of the outreach program (cont.)	Yes	Program distributed 55 brochures, 1 business pet waste sign, and 3285 calendars to pet related businesses, the Paint Education Program distributed 645 brochures to paint centers, and the Pressure Washing Program distributed 2 booklets. <ul style="list-style-type: none"> The Assessment of industrial and commercial sites continued with meetings and research. The focus has changed to inventorying and evaluating industrial sites and/or industries that have the potential to contribute point source loading. The first stage of this project will be to develop a list of industries/businesses, permit type, and potential pollutants. Provided car wash kits and education at 5 sites; flyers advertising the program were mailed to 48 churches and youth groups, and 11 HOAs. Businesses and industries required to have drinking water protection signs posted and have a water quality facility on their site were inspected, provided with water quality information to ensure the facility remains in compliance and that DWP signs are posted. This inspection process is done as part of the Water Quality Facility Management Program. EcoBiz program staff recertified two Springfield automotive shops. Staff sent out 52 letters and visited 8 shops. Technical assistance, education, and training are provided during all illicit discharge responses. This includes providing outreach and technical assistance for activities such as pressure washing, painting, vehicle/equipment washing, pesticide use, pet waste management, and construction site management. The Springfield Clean Water Auto Shops Program visited two shops and provided good housekeeping advice and technical assistance. Three industrial permit holders and one industrial site were provided with technical assistance in relation to a de-commission of a stormwater vault, stormwater pollution prevention, CB maintenance, and log deck runoff.
Public Education (cont.)	PE7	Clean Water Storm Drain Curb Markers and Door Hangers	ESD Manager Maintenance Manager	Implement Clean Water Storm Drain Curb Markers and Door Hangers city-wide (5 yr goal).	Install curb inlet markers over the course of the SWMP. Record installations.	Yes	<u>For reporting period 7-1-2013 thru 6-30-2014</u> <ul style="list-style-type: none"> This task is considered completed. Ongoing efforts until permit renewal will consist of monitoring and/or replacing as needed. A GIS layer was created that notes the type of marker and location is maintained on an ongoing bases. 21 additional installations and/or replacement were done on school district property. <u>For reporting period 7-1-2014 thru 6-30-2015</u> <ul style="list-style-type: none"> This task is considered completed. Ongoing efforts until permit renewal will consist of monitoring and/or replacing as needed. A GIS layer was created that notes the type of marker and location is maintained on an ongoing bases. 29 additional installations and/or replacement were done at 5 schools.
Public Involvement & Participation	PI1	Public Involvement/Participation	ESD Manager	Identify and implement public involvement activities in implementing Stormwater Policy, implementation actions and BMP's.	Provide opportunities for public input on SW program thru various venues, including surveys and/or public events.	Yes	<u>For reporting period 7-1-2013 thru 6-30-2014</u> <ul style="list-style-type: none"> Council was given presentations and updated on Stormwater programs, Annual Report, and MS4 Permit status. Council remains concerned about how long permitting process is taking. Sessions held with the Council on municipal code changes that identified code conflicts involving pollution and water quality related issues (4.428). Codes changes were made and adopted.

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					Appraise City Council of stormwater Plan implementation efforts annually		<ul style="list-style-type: none"> • Council was sent communication packets on the City's TMDL status, 5th Year Review Report, 2014 TMDL IP, and stormwater program update. • Work Sessions with Council for stormwater user fee discount programs. Discussed options and types of programs. • Council asked for proposals for user fees discounts by having a rain garden credit type program. Presentation and discussion was done on the stormwater programs. • There was no code changes presented to Council that involved water quality language during this permit cycle. • Lane County updated the Planning Commission of their TMDL status and IGA renewals. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> • Council was given presentations and updated on SWMP Programs, MS4 and TMDL Annual Reports, and MS4 Permit status. • Continued to update Council through Regular Sessions, Work Sessions, and briefing memos. Some of the topics included: stormwater user fees, municipal code changes for construction site activity (Chapter 8 of City Municipal Code), Mill Race Stormwater Treatment Park and path, Canines for Clean Water Program and Contest, Public Works Week, Earth Day contest, and the reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented and approved by Council. • ESD staff began a 2nd review of the EDSPM for water quality and stormwater management. The review of chapters 3, 4, and 6 will continue into the next permit cycle. • The Franklin Blvd. project was taken to Council and public meetings were held. This project will redesign a major arterial through Glenwood and will include reducing pervious surface and public stormwater management features. • The Public Facilities and Service Plan for Glenwood was taken to Council and public meetings were held.
Public Involvement & Participation	PI2	Water Resource Area Awareness / Facility Enhancements	ESD Manager Maintenance Manager	Initiate program development and organize participants. Evaluate and update Facility Enhancement Program as appropriate.	Initiate program for citizen involvement in facility enhancement projects. Identify other resource areas and develop public outreach activities	Yes	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> • The Mill Race shading project along the south bank across from Swanson's broke ground in spring 2013. The Freshwater Trust cleared blackberries including a buffer outlying the planting area. A mix of about 15 species of trees and shrubs were planted. Mowing and watering will continue into the next reporting period. • The Clean Water Gardens Program completed the original SCY project and finished construction of an educational rain garden, nativescape, and pervious surface demonstration project at the Brattain House. WR staff installed botanical signs at the rain garden and nativescape and is currently finishing up the design of interpretive signage for the site. This project was done in partnership with U of O, and the local school district. The site was planted by volunteers. • Drafted a letter of support for a grant proposal that the Long Tom Watershed proposed. The grant was for a certification and technical assistance to a business if they wanted to be known as a Salmon Safe Business. If the business was located along a waterway there was a component that included education and outreach and volunteer enhancement work. • Worked with an LCC wetlands class of 4 students that worked on a Mill Race project monitoring plantings. • The Mill Race Restoration Project is complete and in the O&M stage. Additional enhancements are continually looked into as the opportunity arises.
Public Involvement & Participation (cont.)	PI2 (cont.)	Water Resource Area Awareness / Facility Enhancements (cont.)	ESD Manager Maintenance Manager	Initiate program development and organize participants. Evaluate and update Facility Enhancement Program as appropriate. (cont.)	Initiate program for citizen involvement in facility enhancement projects. Identify other resource areas and develop public outreach activities	Yes	

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Public Involvement & Participation (cont.)	PI2 (cont.)	Water Resource Area Awareness / Facility Enhancements (cont.)	ESD Manager Maintenance Manager	Initiate program development and organize participants. Evaluate and update Facility Enhancement Program as appropriate. (cont.)	(cont.) Initiate program for citizen involvement in facility enhancement projects. Identify other resource areas and develop public outreach activities	Yes	<ul style="list-style-type: none"> • The Lower Mill Race is still in the property acquisition stage. The ultimate outcome is to provide additional restoration projects at multiple sites. Paths, water quality treatment, bank stabilization and improvements to the Booth Kelly Center are all options in the works or being considered. • Mill Race Stormwater Treatment Park project has completed the feasibility study and the design phase is 60% complete. Will incorporate stormwater education, interpretive signage, and walking paths that will connect to wetlands and other paths in the area. • The Mill Race at S 28th Street and part of the COS property was identified as a site enhancement area. A WR intern assessed the site and drafted a planting plan for the area. This area is in a conceptual plan that will incorporate a multiuse path along the banks of the MR in the future. • The Mill Race at S 39th Street was planted by a WR intern and WR staff with 60 trees and 10 shrubs. This area is part of a conceptual plan that will incorporate a multiuse path along the banks of the MR in the future. • An LCC intern and WR staff planted 50 trees and shrubs at the Booth Kelly Center along the MR. • As part of the Clean Water Garden Program 27 native plants were given to residents to enhance waterways along their properties. • Created a door hanger that is designed to get HOA groups that have WQF's engaged in the idea of holding work parties to maintain their facilities. The City purchased and supplies the work party with a trailer and tools and works as a project coordinator. • Two City staffers participated in the annual Willamette River Cleanup. • Youth Day of Caring's volunteer group planted native trees and shrubs at a local park. Two work parties were held; one with a youth group that removed invasive plants, and the other with an HOA that worked on maintenance and enhancements of their WQF. • Springfield continued its partnership with EWEB on the 48th Street Restoration Partnership Projects. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> • The Mill Race shading project along the south bank across from Swanson's broke ground in spring 2013. The Freshwater Trust cleared blackberries, including a buffer outlying the planting area. Mowing, watering, and monitoring are ongoing. • The Clean Water Gardens Program completed the original SCY project and finished construction of an educational rain garden, naturescape, and pervious surface demonstration project at the Brattain House last permit cycle. WR staff installed botanical signs at the rain garden and naturescape and designed and installed interpretive signage for the site. • Worked with LCC wetlands students on the Mill Race project monitoring plantings, turtles, and frogs. Staff did a land use assessment and temperature monitoring that is also part of the ongoing 5 year O&M Plan for the project. • The Mill Race Restoration Project is complete and in the O&M stage. Additional enhancements are continually looked into as the opportunity arises. • The Lower Mill Race is still in the property acquisition stage. The ultimate goal is to provide additional restoration projects at multiple sites. Paths, water quality treatment, bank stabilization and improvements to the Booth Kelly Center are all options in the works or being considered. Some property swapping occurred that will allow for the

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					(cont.)		<p>Stormwater Treatment Park and Trailhead entrance.</p> <ul style="list-style-type: none"> • Mill Race Stormwater Treatment Park project has completed the feasibility study and the design phase is 90% complete. This site will incorporate stormwater education, interpretive signage, and walking paths that will connect to wetlands and other paths in the area. • The Mill Race at S 28th Street and part of the COS property was identified as a site enhancement area. A WR intern assessed the site and drafted a planting plan for the area. This area is in a conceptual plan that will incorporate a multiuse path along the banks of the MR in the future. • The Mill Race at S 39th Street was planted by a WR intern and WR staff with 60 trees and 10 shrubs during the last permit cycle, during this cycle an additional 24 trees were added and plants watered. This area is part of a conceptual plan that will incorporate a multiuse path along the banks of the MR in the future. • As part of the Clean Water Garden Program 8 native plants were given to residents to enhance waterways along their properties. • The Clear Water Gardens Program developed an advertising wrap that was installed on the programs utility trailer. This trailer is used by HOAs and volunteer groups that wish to reserve it and the landscaping tools within when they want to provide cleanup and enhancement work along local waterways and WQ Facilities. This resulted in 568 postcards going out, 8 scans from the public and 1 news station ran a story. • Two City staffers participated in the annual Willamette River Cleanup. • The Youth Day of Caring event, renamed "Peacejam" held its first volunteer event - 23 students planted 300 native trees and shrubs along the Q Street Floodway. The media covered the event. • Other water resource awareness projects included volunteer groups and HOAs planting over 90 native plants and removing garbage and invasive plants from along waterways and WQFs. 85 native plants were planted by City staff as additional plantings at 2 City owned sites and 1 school. 143 native plants were given to citizens who own water quality facilities or streamside landscaping. 1 riparian boundary sign was replaced and 1 new sign was installed; 3 signs designate the riparian area along waterways or WQFs. • Springfield continued its partnership with EWEB on the 48th Street Restoration Partnership Projects; one site visit with wetland consultants was done and Springfield staff gave EWEB staff a tour of the headwaters. • As part of the Facility Enhancement Program and the Clean Water Gardens Program, the native plant nursery continues to be maintained. 130 plants were given away this permit cycle at the City's annual Spring Cleanup.
Illicit Discharge Program	ID1	Illicit Discharges Reporting Hotline and Tracking System	ESD Manager	<p>Operate the hotline, publish and promote the phone number and document calls received each year.</p> <p>Implement program improvement as warranted.</p>	Log the number of ID complaints, and track the follow up actions.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • 111 water quality related incidents logged and responded to during reporting period by IDDE staff and 112 by Operations Staff. • IDDE staff regularly evaluates the program, reporting process and response procedures. All calls and field-reported complaints are maintained in the IDDE database or in the Operations Infor System. An ArcGIS interface and integration is currently being investigated and developed. • An ArcGIS mapping project by WR staff has been created and is annually updated. This mapping project only includes the responses logged in the IDDE database. • Website reporting improvements have been made and additional improvements are in

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							<p>the works to improve access to factsheets and allow for online pollution reporting.</p> <ul style="list-style-type: none"> Continued operations of various reporting mechanisms will continue into the next permit cycle. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> 95 water quality related incidents logged and responded to during reporting period by IDDE staff and 147 by Operations Staff. IDDE staff regularly evaluates the program, reporting process and response procedures. All calls and field-reported complaints are maintained in the IDDE database or in the Operations Infor System. An ArcGIS interface and integration is currently being investigated and developed. An ArcGIS mapping project by WR staff has been created and is updated as needed. This mapping project only includes the responses logged in the IDDE database. Website reporting improvements, including the development of an online stormwater pollution reporting form, have been made, along with additional improvements to improve access to factsheets.
Illicit Discharge Program (cont.)	ID2	Illicit Discharges Response and Enforcement	ESD Manager City Engineer Maintenance Manager City Attorney	<p>Implement protocols for responding to complaints. Maintain database.</p> <p>Review and evaluate the program, review and/or revise SOPP's as needed.</p> <p>Develop and adopt enforcement guide. Implement, review and update as needed.</p>	Monitor effectiveness of incident response program. Review and/or revise as needed.	Yes	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> Sessions held with the Council on Municipal Code changes that identified Code conflicts involving pollution and water quality related issues (Code 4.428). Codes changes were made and adopted. City enforcement staff, CMO, and City Council worked together to develop an administrative civil penalty process. City staff had identified sections of Code and IGAs that may not be enforceable under the City's current enforcement process. 111 water quality related incidents logged and responded to during reporting period by IDDE staff and 112 by Operations staff. Updates made to the IDDE Response Guide, a guide that explains steps to be taken in the event of an illicit discharge. Ongoing meetings between LDAP staff & IDDE to ensure compliance and efficiency. Discussions with DPW Operations, PD, and Fire and Life Safety staff to ensure efficiency in reporting and response. 1 neighborhood was placarded with IDDE door hangers in response to ongoing dumping in a waterway. 1 neighborhood was placarded with WQF door hangers in response to ongoing dumping. The IDDE Education and Outreach Assessment project continued with its assessment, monitoring, and identification of new or continued illicit discharge problems and areas. 10 sub-basins were completed during this reporting period. <p>For reporting period 7-1-2014 thru 6-30-2015</p>
Illicit Discharge Program (cont.)	ID2 (cont.)	Illicit Discharges Response and Enforcement (cont.)	ESD Manager City Engineer Maintenance Manager City Attorney	<p>Implement protocols for responding to complaints. Maintain database.</p> <p>Review and evaluate the program, review and/or revise SOPP's as needed.</p> <p>Develop and adopt enforcement guide. Implement, review and</p>	Monitor effectiveness of incident response program. Review and/or revise as needed. (cont.)	Yes	<p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> City enforcement staff, CMO, and City Council worked together to develop an administrative civil penalty process. City staff had identified sections of Code and IGAs that may not be enforceable in municipal court. City Council has yet to vote on this issue. Staff drafted documents to allow WR staff to access private property in the event of a spill, without the consent of the property owner; administrative inspection warrants, affidavit to obtain warrant, memo to Council, and Code. Council has not adopted as of this reporting cycle. WR staff, with the assistance of the City Attorney, drafted a Hold Harmless form for (limited) private party access to public infrastructure in the event of a pollution release.

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				update as needed. (cont.)			<p>Two forms are available for use: one for private citizens to access a City manhole or storm drain and another for access by professional stormwater system cleaning companies.</p> <ul style="list-style-type: none"> • 95 water quality related incidents logged and responded to during reporting period by IDDE staff and 147 by Operations Staff. • Ongoing meetings between LDAP staff & IDDE to ensure compliance and efficiency. • 1 neighborhood was placarded with 10 IDDE door hangers in response to ongoing dumping in a waterway.
				Develop modifications to the Urban Transition Agreement as needed.	1 st year development with subsequent years being tracking and reviewing of UTA.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • Continued implementation of IGA for NDPES services with Lane County. • Continued to track and respond to IDDE callouts within the UTZ. • The IGA with Lane County expires in 2015 and will be revisited next permit cycle <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • Continued implementation of IGA for NDPES services with Lane County. • Continued to track and respond to IDDE callouts within the UTZ. • The IGA with Lane County expired in 2015 and was amended for a 2 year extension. Lane County signed this permit cycle and the City signed July 21, 2015.
Illicit Discharge Program (cont.)	ID2 (cont.)	Illicit Discharges Response and Enforcement (cont.)	ESD Manager City Engineer Maintenance Manager City Attorney	Conduct staff training & maintain enforcement tool kit	As needed provide training and updates to enforcement protocols.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • 2 job shadows done among DPW staff; a GIS staffer shadowed the IDDE and WQF program staff and a Public Education Specialist shadowed the monitoring program. • The IDDE staff participated in a regional training that included staff from the local utilities, public transportation, Lane County, State police, and the Sheriff’s department. The exercise was a table top emergency response drill. • 1 WR staff participated in a regional training on spill response for the McKenzie River. MWERS members took part in a drill held on the Willamette at Dexter Dam. The focus of the drill was large scale boom deployment. • An informational training was done with the Operations Division by the IDDE staff on the stormwater pollution outreach portfolios, their use and the material inside. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. • Staff received Hazwoper training, IDDE response and identification, Gas meter training, IDDE bacteria monitoring, and EPA industrial permits. • IDDE staff participated in a regional training that included staff from the local utilities, public transportation, Lane County, State police, and the Sheriff’s department. The MWERS Response Drill was conducted at a local dam and practiced fast-water boom deployment and communications between response personnel.

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Illicit Discharge Program (cont.)	ID3	Outfall Inventory and Mapping	ESD Manager	Conduct yearly outfall map updates. Maintain outfall mapping	Update outfall mapping annually. Conduct physical re-inspections of new or redeveloped areas every 4 years. Maintain outfall mapping	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> City's GIS database of stormwater infrastructure system is updated on an ongoing basis from asbuilts and construction projects. Additional updates made from field assessments, inventories, and survey projects. Outfall and connecting system updates were made from inventoried and inspected WQ Facilities. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> City's GIS database of stormwater infrastructure system is updated on an ongoing basis from asbuilts and construction projects. Additional updates made from field assessments, inventories, and survey projects on ongoing basis. Outfall and connecting system updates were made annually from information obtained during inventoried and inspected WQ Facilities.
Illicit Discharge Program (cont.)	ID4	Water Quality Monitoring for Illicit Discharges	ESD Manager	Conduct Water Quality monitoring of all significant outfalls to drainage ways. Evaluate monitoring results to identify pollutants of concern and identify illicit discharges. Conduct follow-up investigations to identify and eliminate ID's as needed.	WQ monitored at significant outfalls over a 5 yr period. Monitoring results evaluated and pollutants of concern identified. Compliance efforts, including education and consultation, documented.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Continued to conduct WQ and flow monitoring at key locations throughout the City. Continued to review data for IDDE and/or problem pH and temperature levels. Identified 1 problem area along the Mill Race – complaint based, and continued source sampling and tracking. Ongoing evaluation of data during the monitoring season. Ongoing compliance efforts in conjunction with ID2 and PE6 efforts. Public Education Specialist job shadowed the monitoring program. For the stormwater treatment park project, City WR staff assisted in WQ monitoring of the wood stave outfall. Staff took samples and monitored flows. Worked with contractor hired to perform feasibility study and design work. Monitored flows and collected limited WQ data for two retrofit projects that are being considered. WR staff took handheld readings and deployed flow monitors in the QFW at 10th and Quinault and in the Irving Slough at 42nd and Olympic sites. WR staff conducted another round of monitoring on the QFW. This included purchasing and testing new monitoring equipment in addition to sampling. Purchased and tested new monitoring equipment. Conducted WQ sampling at the Firing Range for the decommission project. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Continued to conduct WQ and flow monitoring at key locations throughout the City. Continued to review data for IDDE and/or problem pH and temperature levels. Ongoing evaluation of data during the monitoring season. Efforts will continue into the next permit cycle. Ongoing compliance efforts in conjunction with ID2 and PE6 efforts. Soil sampling was done at the firing range in preparation of decommission. A work plan was drafted for the DEQ with remediation expected to occur in 2016. 4 point source monitoring sites from industrial sites were monitored in response to complaints and IDDEs. Staff took Confine Space Training, Gas Detector training, and attended a webcast on industrial permits.
Illicit Discharge	ID5	City-wide Illicit Discharge	ESD Manager Maintenance	Develop staffing for IDDE program.	Develop and present proposal to City Council for IDDE staff.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Ongoing incident tracking and response through hot line calls, website complaints and field observations.

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Program (cont.)		Detection and Elimination	Manager	Ongoing incident response and tracking activities.	Maintain staffing and program development Track illicit discharge incidents and follow up activities.		<ul style="list-style-type: none"> ▪ 111 calls logged and responded to ESD staff and 112 calls logged and responded to by Operations staff. ▪ Identified 1 problem area along the Mill Race – complaint based, and continued source sampling and tracking. ▪ 1 neighborhood was placarded with IDDE door hangers in response to ongoing dumping in a waterway. 1 neighborhood was placarded with WQF door hangers in response to ongoing dumping. ▪ In 2013/14 the City entered into a voluntary cleanup program for the Firing Range. Staff conducted WQ sampling at the Firing Range for the decommissioning project. ▪ The IDDE Education and Outreach Assessment project continued with its assessment, monitoring, and identification of new or continued illicit discharge problems and areas. 10 sub-basins were completed during this reporting period. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • 2 Water Resource (WR) staff took the Haz-woper training and 1 WR staffer took the refresher course. • A video titled "A Grate Concern" was shown to 16 Environmental Services staff. • The IDDE Education and Outreach Assessment project continued with its assessment, monitoring, and identification of new or continued illicit discharge problems and areas. 86 sub-basins were completed during this reporting period. The assessments are completed and reports and findings are being drafted. Staff responded to any IDDEs that needed immediate attention. ▪ Ongoing incident tracking and response through hot line calls, website complaints and field observations. ▪ 95 calls logged and responded to ESD staff and 147 calls logged and responded to by Operations staff. • 1 neighborhood was placarded with 10 IDDE door hangers in response to ongoing dumping in a waterway. • Soil sampling was done at the firing range in preparation of decommission. A work plan was drafted for the DEQ with remediation expected to occur in 2016. • Developed and implemented bacteria sampling plan in response to high bacteria counts on the 72nd and 69th Street Channels. • Meeting and discussion were held in the development and feasibility to translate all of the IDDE factsheets into Spanish.
Illicit Discharge Program (cont.)	ID5 (cont.)	City-wide Illicit Discharge Detection and Elimination (cont.)	ESD Manager Maintenance Manager	Ongoing technical assistance to industry.	Provide technical assistance and education to business as appropriate.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • Ongoing technical assistance to targeted business/industry is ongoing in conjunction with PE6. • Staff reviewed and provided comments for 3 NPDES Industrial permits. • Additionally, there were 2 presentations given to internal staff on the LDAP and IDDE programs, complaint process, response process, and compliance. • The Fire Station 4 retrofit project has been completed; WR staff conducted training and provided an O&M manual. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> • Ongoing technical assistance to targeted business/industry is ongoing in conjunction with PE6. • Staff reviewed and provided comments for 3 NPDES Industrial permits.
Illicit Discharge Program	ID5	City-wide Illicit Discharge Detection and	ESD Manager Maintenance	Ongoing technical assistance to industry.	Provide technical assistance and education to business as appropriate.		

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(cont.)	(cont.)	Elimination (cont.)	Manager	(cont.)	(cont.)	Yes	<ul style="list-style-type: none"> Requested updated or current PCP from 25 industries. The assessment of industrial and commercial sites continued with meetings and research. The focus has changed to inventorying and evaluating industrial sites and/or industries that have the potential to contribute point source loading. The first stage of this project will be to develop a list of industries/businesses, permit type, and potential pollutants. WR staff conducted wash rack inspections at 6 fire stations to ensure maintenance and correct operation. Four industries were provided technical assistance; three are current permit holders.
Illicit Discharge Program (cont.)	ID6	Non-Stormwater Discharge Assessment	ESD Manager	<p>Address activities in response to actual pollutants observed.</p> <p>Evaluate available data and appropriate local controls.</p> <p>Develop local assessment and implement.</p>	<p>Review monitoring, inspections, and follow up data and assess non-SW discharges.</p> <p>Assess data and determine if local control of identified pollutant sources is needed.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> All discharges listed in MCM #3 vi and vii have been evaluated. Implementation, discussions, and enforcement continue. No changes were made during this permit cycle; discharges and BMP practices will be reviewed during the next permit cycle with appropriate updates made if needed. The City has started to draft an additional guidance document on the assessment of products and/or practices that may or may not have an impact on WQ or the environment; these are not listed in MCM3 vi and vii. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> All discharges listed in MCM #3 vi and vii have been evaluated. Implementation, discussions, and enforcement continue. No changes were made during this permit cycle; discharges and BMP practices will be reviewed during the next permit cycle with appropriate updates made if needed. The City has started to draft an additional guidance document on the assessment of products and/or practices that may or may not have an impact on WQ or the environment; these are not listed in MCM3 vi and vii. This assessment document is expected to be completed during the next permit cycle and have ongoing updates as products continue to be reviewed.
Construction Site Runoff Control	CSW1	Erosion and Sediment Control Regulations	<p>ESD Manager</p> <p>Development Services Director</p> <p>City Engineer Maintenance Manager</p>	<p>Implement existing Muni Code and Development Code provisions.</p> <p>Continue Code review for erosion and construction site runoff control effectiveness</p>	<p>Track LDAP inspections, permits, and code violations.</p> <p>Assess inspection/violation data annually and evaluate effectiveness, of the City regulations.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Ongoing permit inspection and tracking (see Annual Report's narrative on page 6) <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Ongoing permit inspection and tracking (see Annual Report's narrative on page 7) Staff identified the need to update Municipal Code to allow for better enforcement and understanding of the LDAP requirements (Chapter 8). Council work sessions were held followed by regular sessions and adoption. The LDAP Program Guide Book was reviewed and updated. LDAP factsheet (educational handouts) were reviewed and updated. Factsheets were added to the City web page.
Construction Site Runoff Control (cont.)	CSW2	City Staff Erosion Control Training	City Engineer	Conduct staff training on an ongoing basis; update as needed.	Provide comprehensive erosion control training at least annually. Evaluate training opportunities provided and their effectiveness.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> LDAP Staff will continue to maintain professional CESCL certification and training in order to provide professional enforcement and to stay current on erosion and sediment control regulations and techniques. 2 staffers certified. Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. LDAP staff gave one presentation to Development and Public Works staff on the LDAP program, reporting and available factsheets and handouts. City DPW staff participated in the ACWA Stormwater Summit that provided erosion control presentations.
Construction Site Runoff Control	CSW2 (cont.)	City Staff Erosion Control Training		<p>Conduct staff training on an ongoing basis; update as needed.</p> <p>Evaluate the effectiveness of</p>	<p>Provide comprehensive erosion control training at least annually.</p> <p>Evaluate training opportunities</p>	Yes	

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(cont.)		(cont.)		the training and improve as warranted. (cont.)	provided and their effectiveness. (cont.)		<ul style="list-style-type: none"> Staff participated in various webinars that discussed erosion control, energy dissipation, bank stabilization, and construction site runoff. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> LDAP Staff will continue to maintain professional CESCL certification and training in order to provide professional enforcement and to stay current on erosion and sediment control regulations and techniques. 2 staffers certified. Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. City DPW staff participated in the ACWA Stormwater Summit that provided erosion control presentations. Staff participated in various webinars that discussed erosion control, energy dissipation, bank stabilization, river behavior, and construction site runoff
Construction Site Runoff Control (cont.)	CSW3	Land Drainage Alteration Permit (LDAP) Program	City Engineer Planning Div. Manager	Implement the LDAP program on an ongoing basis.	Develop and implement written LDAP program work plan.	Yes	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> Regular meeting between LDAP and IDDE staff to ensure consistent application of regulations and compliance and tracking. Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. City will continue to implement the IGA for 1200c Construction Activities. Conducted inspections, reviewed and issued LDAP permits, carried out other programmatic measures as included in the Muni and Development code. Implementation is ongoing see Annual Report narrative on page 6. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> The establishment of the City's LDAP Program and Plan was completed many permit cycles ago. Ongoing implementation of the Program continues. Regular meeting between LDAP and IDDE staff to ensure consistent application of regulations and compliance and tracking. Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. City will continue to implement the IGA for 1200c Construction Activities. Conducted inspections, reviewed and issued LDAP permits, carried out other programmatic measures as included in the Muni and Development code. Implementation is ongoing see Annual Report narrative on page 7.
	CSW3 (cont.)	Land Drainage Alteration Permit (LDAP) Program (cont.)		Track LDAP compliance and impacts to WQ annually.	Evaluate LDAP database to determine if the volume of permits issued annually is achieving compliance.		Yes
Construction Site Runoff Control (cont.)				Conduct LDAP program evaluations on an annual basis and address inadequacies as appropriate.	Review program, including inspection database and compliance issues and identify adaptive management strategies as needed.		

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							<ul style="list-style-type: none"> LDAP factsheet (educational handouts) were reviewed and updated. Factsheets were added to the City web page. Regular meeting between LDAP and IDDE staff to ensure consistent application of regulations and compliance and tracking.
Construction Site Runoff Control (cont.)	CSW4	Inspections and Enforcement	ESD Manager City Engineer Maintenance Manager Community Services Manager Planning Div. Manager	<p>Implement existing Code authority on an ongoing basis.</p> <p>Review and amend the Code as appropriate.</p> <p>Conduct inspections on an ongoing basis.</p>	<p>Track construction site inspections and nuisance violations similarly to LDAP inspections.</p> <p>Review violations on an annual to bi-annual basis to identify needed code amendments.</p> <p>Investigate and inspect nuisance violations; log events and results.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Ongoing tracking and site inspections. See Annual Report's narrative on page 6 <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Ongoing tracking and site inspections. See Annual Report's narrative on page 7
Post Construction Stormwater Management for New Development and Re-Development	DS1	Springfield Development Code Standards and Engineering Design Standards and Procedures Manual	Planning Div. Manager City Engineer ESD Manager Community Services Manager	<p>Review code and proposed amendments as appropriate. Seek City Council approval and adoption of amendments each year. Review Engineering Design Standards and Procedures manual and amend as needed.</p> <p>Implement existing Codes/Design manual and track/analyze effectiveness at achieving BMPs that comply with pollutant reduction MEP requirement.</p>	<p>Track Site Plan Review and Land Division approvals for adequacy of SW quality management.</p> <p>Review EDS&P Manual; amend as appropriate.</p> <p>Track compliance achieved in private maintenance of stormwater management system.</p>	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Staff developed an approach to update the SWFMP and engaged technical staff in a review of Appendix F to determine continued applicability and next steps. The project is on hold due to reduced staff resources and not expected to resume until 2015. Continued and ongoing Water Resources staff participation in development review process to ensure adequacy of proposed SW management facilities in new development. Revision to the WQF inspection and certification process continues. A long term WQF Facility Inventory and Inspection Program continues being implemented and program adjustments made. See narrative on page 6. WR staff participated in the Downtown District Design project that will set standards for enhancements and redevelopment that will include green infrastructure, LID, and WQ treatment standards. Staff from Eugene, Springfield, and Lane County met in a series of meetings to discuss changes made to both Cities' stormwater management manual and design standards. Meetings will continue into the next permit cycle.
Post Construction Stormwater Management for New	DS1 (cont.)				<p>Track Site Plan Review and Land Division approvals for adequacy of SW quality management.</p> <p>Review EDS&P Manual; amend as</p>	Yes	<p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Continued and ongoing Water Resources staff participation in development review process to ensure adequacy of proposed SW management facilities in

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Development and Re-Development (cont.)					appropriate. Track compliance achieved in private maintenance of stormwater management system. (cont.)		<p>new development.</p> <ul style="list-style-type: none"> • Revision to the WQF inspection and certification process continues. • A long term WQF Facility Inventory and Inspection Program continues being implemented and program adjustments made. See narrative on page 8. • WR staff participated in the Downtown District Design project that will set standards for enhancements and redevelopment that will include green infrastructure, LID, and WQ treatment standards. • Staff from Eugene, Springfield, and Lane County met in a series of meetings to discuss changes made to both Cities' stormwater management manual and design standards. Meetings will continue into the next permit cycle. • WR staff participated with Development staff in the development of a new Main Street Vision Plan. • Staff identified the need to update Municipal Code to allow for better enforcement and understanding of the LDAP requirements (Chapter 8). Council work sessions were held followed by regular sessions and adoption. • Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. • Work on integrating the WQF Management Program into a City GIS and Asset Management system continues. • WR staff identified the need to update the EDSPM in relation to Chapters on stormwater management, water quality, and vegetation. This review and update will continue into the next permit cycle. • WR staff participated in the development of Downtown Design Code. This project will continue into the next permit cycle. • Council was presented with a facilities and services plan update for the Glenwood area. This was done in preparation of the Franklin Blvd Project that will incorporate multiple WQF's in the public ROW. • Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. • A "Work Party" trailer was purchased and partly stocked in preparation of bringing it into play as a volunteer trailer. This trailer can be reserved by groups wanting to use it to enhance WQFs or waterways. The trailer had an advertisement wrap installed during this permit cycle.
Post Construction Stormwater Management for New Development and Re-Development (cont.)	DS2	Post-Construction Stormwater System Maintenance Inspections and Compliance	ESD Manager	Develop long term BMP inspection and enforcement program. Maintain inspections and compliance activities.	Continue with inventory and inspection program. Track/analyze program effectiveness and success/failures of BMPs observed over time. Adapt as needed.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> • The Water Quality Facility Inventory and Inspection Programs are currently being implemented and program adjustments being made. See narrative on page 6 for inventory and inspection details. • Revision to the inspection certification and signoff process continues. • Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. • Staff attended various webinars and attended presentations on WQF maintenance and design. • Staff from Eugene, Springfield, and Lane County met in a series of meetings to discuss changes made to both Cities' stormwater management manual and design standards. Meetings will continue into the next permit cycle. • One WR staff obtained a WQF inspection and maintenance certification on WQ

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							<p>devices/structures.</p> <ul style="list-style-type: none"> • Work on integrating the WQF Management Program into a City GIS and Asset Management system. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> • Staff from Eugene, Springfield, and Lane County met in a series of meetings to discuss changes made to both Cities' stormwater management manual and design standards. • The Water Quality Facility Inventory and Inspection Programs are currently being implemented and program adjustments being made. See narrative on page 8 for inventory and inspection details. • Revision to the inspection certification and signoff process continues. • Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process. • Work continued on integrating the WQF Management Program into a City GIS and Asset Management system. • As part of the WQF Management Program, Drinking Water Well Head Protection signs are being verified at sites that require the signage. This is being done in partnership with SUB. All sites requiring signs were in compliance. • Additional work consisted of adding WQF educational information to the City's webpage. 28 postcards went out to remind facility owners to maintain their facilities. • 60 WQF door hangers were distributed with an educational message about how WQFs function and ways to prevent stormwater pollution. • Staff attended various webcasts on green infrastructure.
<p>Post Construction Stormwater Management for New Development and Re-Development (cont.)</p>	<p>DS3</p>	<p>Stormwater Facilities Master Plan (SWFMP) and Capital Improvement Program (CIP)</p>	<p>Public Works Director</p>	<p>Develop, adopt and implement the SWFMP and CIPs</p>	<p>Complete and adopt SWFMP, and implement SW-quality related capital improvement project on an ongoing basis as prioritized in the plan.</p>	<p>Yes</p>	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> • Staff developed an approach to updating the SWFMP and engaged technical staff in a review of Appendix F to determine continued applicability and next steps. The project is on hold due to staff reductions. • Stormwater piping and open system projects are annually incorporated into ongoing rehab projects when appropriate. • There are additional projects and studies being planned and designed, such as lower Mill Race enhancements, City Hall Plaza redesign, water quality treatment park at the Booth-Kelly Mill Race site, retrofitting storm piping with water quality treatment end pipe structures, Channel 6 flood control and water quality projects, and over under piping and retrofitting of 1 channel. • Staff attended various webinars on retrofitting and channel enhancement • The Channel Restoration Project List was completed and is currently in the CIP process for implementation. • Some projects implemented in the last year are the S 59th and Aster drainage project, and the Channel 6 Stormwater Master Plan. NWYC was contacted about providing labor for the Channel Restoration projects and the Mill Race. The Island Park SW Plan implemented 1 of 2 proposed projects. The Over-Under Channel flows were modeled and the drainage system designed. Flow monitoring was conducted for 2 retrofit projects that will add or replace WQ structures. • Property acquisition continues for the Lower Mill Race proposed enhancement projects. <p>For reporting period 7-1-2014 thru 6-30-2015</p>

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							<ul style="list-style-type: none"> Stormwater piping and open system projects are annually incorporated into ongoing rehab projects when appropriate. There are additional projects and studies being planned and designed, such as lower Mill Race enhancements, City Hall Plaza redesign, water quality treatment park at the Booth-Kelly Mill Race site, retrofitting storm piping with water quality treatment end pipe structures, Channel 6 flood control and water quality projects, over under piping and retrofitting of 1 channel, Main Street Vision Plan, Franklin Blvd redevelopment, and Down Town Development Code. Staff attended various webinars on retrofitting and channel enhancement The Channel Restoration Project List was completed and is currently in the CIP process for implementation. Property acquisition continues for the Lower Mill Race proposed enhancement projects.
Pollution Prevention in Municipal Operations	OM1	Pollution Control Manuals for City Operations	ESD Manager Maintenance Manager	Ongoing implementation of the Pollution Control Manual for Routine Maintenance Activities. Conduct training as appropriate.	Review and update manual as necessary, on a biennial basis. Receive staff feedback; adaptively manage and revise manual as necessary.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Staff has been job shadowing and cross training in order to understand the field procedures better before updating the BMP manual(s). There will be a rewrite of the PC BMP Manual; all BMPs will be reviewed and updated in 2014-2015. Meetings have started and will continue along with updates into the next permit cycle. Staff participated in webcasts on water quality and IDDE. Ongoing line staff training and updates as needed. Meetings with Fire & Life Safety to discuss training BMPs in the S. 16th lot. This site is in line to be retrofitted. After the retrofit is complete there will be additional training done with Fire staff to ensure the use of the switching valve and BMPs.
Pollution Prevention in Municipal Operations (cont.)	OM1 (cont.)	Pollution Control Manuals for City Operations (cont.)	ESD Manager Maintenance Manager (cont.)	Ongoing implementation of the Pollution Control Manual for Routine Maintenance Activities. Conduct training as appropriate. (cont.)	Review and update manual as necessary, on a biennial basis. Receive staff feedback; adaptively manage and revise manual as necessary. (cont.)	Yes	<p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Redrafting of the PC BMP Manual continues; all BMPs will be reviewed and updated. Meetings have started and will continue along with updates into the next permit cycle. Staff participated in webcasts on water quality, green infrastructure, river behaviors, SW management, green cleaning program, confine space entry, gas detector training, first aid and CPR, Hazmat, and IDDE. Staff additionally attended seminars, summits and conferences related to water quality and SW management. Ongoing line staff training and updates as needed. Staff toured the Amazon Creek Restoration in Eugene with County and City staff Meetings with Fire & Life Safety to discuss training BMPs in the S. 16th lot. This site was retrofitted with a WQ catch basin and spill shut off valve. After the retrofit additional training was done with Fire staff to ensure the use of the switching valve and BMPs.
Pollution Prevention in Municipal Operations (cont.)	OM1 (cont.)	Pollution Control Manuals for City Operations (cont.)	ESD Manager Maintenance Manager	Initiate review of other City activities.	Review of other City activities and develop pollution control guidance as needed. Implement pollution control guidance.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Ongoing implementation of guidance manuals and plans. Updates and ongoing implementation will continue into the next permit cycle. Some examples are updates to the Operations Division PCP for the auto shop area, Operations SWPCP for the facility, and updates to the S 16 Lot SWPCP. The Fire Station 4 wash rack project was completed; during this permit cycle staff did in-house training on the use of the facility and equipment and provided an O&M guidance manual.

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Program Area	BMP Identification	BMP Description	Responsible Party ^{3,4}	Implementation Tasks ¹ from SWMP	Measurable Goals ¹	SWMP Goal(s) ¹ Achieved ?	Accomplishments, proposed changes and plans
			(cont.)				<ul style="list-style-type: none"> The Regional Fuel Facility will be getting an upgrade to the Oil Water Separator and a spill control shut off valve installed on the storm system. After the project the SWPCP for the site will be updated. This site was identified as needing upgrades through the WQF Management Program. The City's DPW Vehicle Spill Kit project held 6 training presentations, inventoried and restocked all current kits in the filed cars and created 1 additional kit. WR staff drafted O&M Manuals for public vegetated and structural water quality facilities. Staff participated in various webcasts that included BMPs for construct site runoff, IDDE, and WQF maintenance. The Firing Range Decommission will continue into the next permit cycle. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> Ongoing implementation of guidance manuals and plans. The Regional Fuel Facility will be getting an upgrade to the Oil Water Separator and a spill control shut off valve installed on the storm system. After the project the SWPCP for the site will be updated. This site was identified as needing upgrades through the WQF Management Program. Staff inspected 6 Fire Station wash racks to ensure proper function and use. The City's DPW Vehicle Spill Kits were inventoried and restocked; contact information was updated. The City continues to implement its recycling and reuse programs. The Regional Fuel Facility will be getting an upgrade to the Oil Water Separator and a spill control shut off valve installed on the storm system. The Soil sampling was done at the firing range in preparation of decommission. A work plan was drafted for the DEQ with remediation expected to occur in 2016.
Pollution Prevention in Municipal Operations (cont.)	OM2	Stormwater Quality Technology Pilot Program	ESD Manager Maintenance Manager	Conduct pilot testing of stormwater quality technologies on an ongoing basis, review results.	Continue to acquire, test, and track SW management products; evaluate each.	Yes	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> Continued monitoring of rain garden project at the Operations Annex. Ongoing monitoring of the demonstration rain garden / naturescape site. Different types of pumping systems and housing units continue to be tested at the fire station washwater WQCB's. The Mill Race WQ treatment ponds conducted a study to determine the feasibility of incorporating mycoremediation into the treatment process. This project will continue into the next permit cycle. Some flow monitoring and water testing was done at 2 sites. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> Continued monitoring of rain garden project at the Operations Annex. Ongoing monitoring of the demonstration rain garden / naturescape site. Developed and installed interpretive signs and botanical signs at the site. The mycoremediation project continues with a SW presentation being done, samples taken from the Jasper Pond site and one tour given to a fungi workshop participant in preparation of a future project.
Pollution Prevention in Municipal Operations (cont.)	OM3	Channel Assessment	ESD Manager Maintenance Manager	Update the Channel Assessment as needed as a result of new development.	Track updates to the assessment on an annual basis.	Yes	<p>For reporting period 7-1-2013 thru 6-30-2014</p> <ul style="list-style-type: none"> Continued ongoing updates to GIS mapping for stormwater infrastructure. Ongoing GIS integration of open waterways. Continued with the Water Quality Management Program Inventories. This will provide additional continuity and connectivity to the Channel Inventory by having a complete inventory, assessment and picture of a system's features from the start of the system to the end. <p>For reporting period 7-1-2014 thru 6-30-2015</p> <ul style="list-style-type: none"> Performing a new citywide channel assessment to update the current assessment

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Program Area	BMP Identification	BMP Description	Responsible Party ^{3,4}	Implementation Tasks ¹ from SWMP	Measurable Goals ¹	SWMP Goal(s) ¹ Achieved ?	Accomplishments, proposed changes and plans
							<p>continues to be discussed. Right now the only updates being made are through the WQ facility inventory and inspection program.</p> <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Continued ongoing updates to GIS mapping for stormwater infrastructure. Ongoing GIS integration of open waterways. Continued with the Water Quality Management Program Inventories. This will provide additional continuity and connectivity to the Channel Inventory by having a complete inventory, assessment and picture of a system's features from the start of the system to the end. Performing a new citywide channel assessment to update the current assessment continues to be discussed. Right now the only updates being made are through the WQ facility inventory and inspection program as this goal was completed.
	OM4	Vehicle Maintenance Facility Stormwater Pollution Control Plan (SPCP)	ESD Manager Maintenance Manager	Implement Stormwater Pollution Control Plan (SPCP) at the City's vehicle maintenance facility.	Periodic review and update of the plan biennially.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Updates not needed at this time. The SWPCP's for the Maintenance complex and South 16th Street lot will be carried over into the next permit cycle for review and updates. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Updates to the SWPCP for the Maintenance Complex are not needed at this time. Updates to the So.16th lot SWPCP due to the retrofit are still being worked on.
	OM5	Street Sweeping for Stormwater Pollution Control	ESD Manager Maintenance Manager	Maintain street sweeping program, and adaptive management process for sweeping work practices to increase effectiveness.	Maintain existing sweeping program; periodically assess effectiveness.	Yes	<p><u>For reporting period 7-1-2013 thru 6-30-2014</u></p> <ul style="list-style-type: none"> Maintained sweeping schedule and periodic assessment. Routine sweeping and catch basin cleaning will continue into the next permit cycle. Over 3,350 curb miles for scheduled routine sweeping took place with an additional 528 hours of sweeping provided for spill response, unscheduled call outs, and accident cleanup. Over 790 tons of material removed. There was an additional 224 CY of sand from storm events that was removed. Over 3300 catch basins were cleaned and 120 tons of material removed. Over 1,800 ft of storm line was cleaned. Ditch/canal cleaning was done on 3.36 miles of system and ditch reshaping was done on over 2,800 ft. <p><u>For reporting period 7-1-2014 thru 6-30-2015</u></p> <ul style="list-style-type: none"> Maintained sweeping schedule and periodic assessment. Routine sweeping and catch basin cleaning will continue into the next permit cycle. Over 4,488 curb miles for scheduled routine sweeping took place with an additional 117 hours of sweeping provided for spill response, unscheduled call outs, and accident cleanup. Over 671 tons of material removed. Over 3,680 catch basins were cleaned and 218.94 tons of material removed. Over 1,880 ft of storm line was cleaned. Ditch/canal cleaning was done on 6.87 miles of system and ditch reshaping was done on over 5,325 ft.

Notes:

1. Measurable goals presented here are summarized from those presented in the SWMP. The full text of all of the goals and tasks is found in the narrative description of each minimum control measure and in the Development/Implementation Schedule of the SWMP document. Due to the extended permit status, the Development/Implementation Schedule for each BMP has expired. Implementation tasks and measureable goals are summarized to reflect ongoing implementation and/or the removal of completed tasks and goals.

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2. Adaptive management is an integral part of the NPDES Phase II Stormwater Discharge Permit program. Adaptations to the BMPs included in the SWMP are referenced in this summary table. A full discussion of proposed modifications to the responsible parties, goals, or implementation tasks in the SWMP is found in the text and in Table 1 of the *NPDES Stormwater Discharge Permit Second Annual Report for the City of Springfield, Oregon*.

3. The Public Works Department is now the Development and Public Works Department.

4. The Maintenance Division is now the Operations Division.