

National Pollutant Discharge Elimination System

Stormwater Discharge Permit

**Extended Permit
Twelfth Year
Annual Reporting**

For Springfield, Oregon

For the Reporting Periods

July 1, 2017 - June 30, 2018





Please Note:

This is the twelfth 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, 2017 to June 30, 2018.

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 Eighth Annual Report was submitted in October of 2014 covering the period July 1, 2013 to June 30, 2014. The Ninth Annual Report was submitted in October of 2015 covering the period July 1, 2014 to June 30, 2015. The Tenth Annual Report was submitted in October of 2016 covering the period July 1, 2015 to June 30, 2016. The Eleventh Annual Report was submitted in October of 2017 covering the period July 1, 2016 to

June 30, 2017. This report represents Springfield's Twelfth Annual Report, covering the period July 1, 2017 to June 30, 2018.

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 31, 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, Ninth, Tenth, and Eleventh Annual Reports were acknowledged by the DEQ. Springfield is drafting this Twelfth 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 current 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.

Additionally, it is expected that the DEQ will no longer be issuing Individual MS4 Stormwater Permits and will be changing to an MS4 General Permit process. This will require the redrafting of the SWMP and a submittal process.

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 at this time.

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 General Permit Development process is completed. Currently that expected date is projected to be sometime in 2018 or 19.

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 had 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 late 2018. Additionally, since the General Permit process is much different than the Individual Permit process the General Permit will contain the details of the BMPs and their implementation and the SWMP will be redrafted to include the new language and reference the General Permit.

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 had requested, and Springfield proposed, 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 had 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 became July 1, 2007 through June 30, 2008, with the permit ending year 5 on December 31, 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.

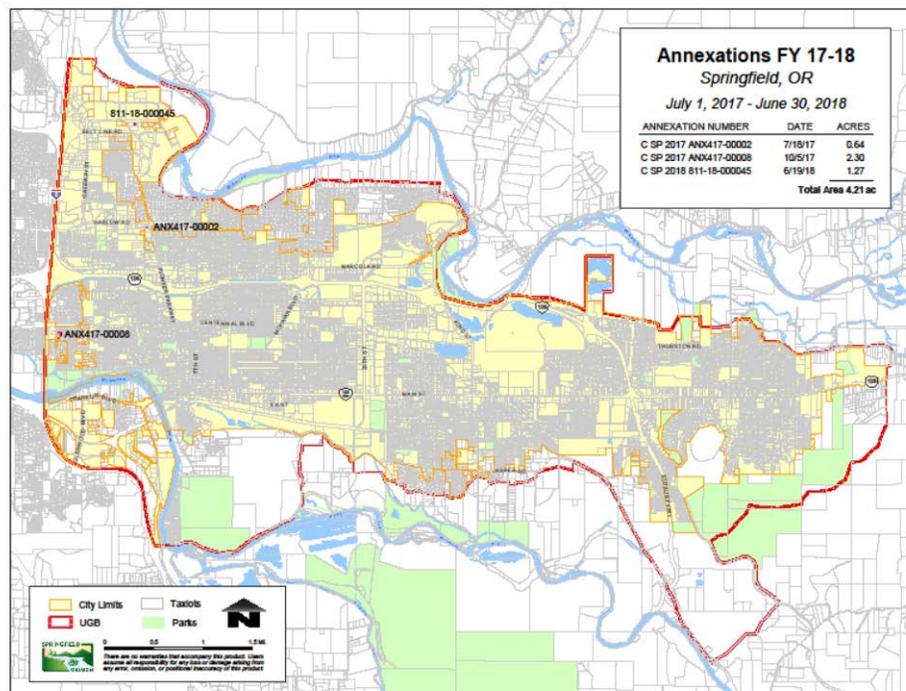
Over the course of the implementation process, certain adaptive measures were identified to streamline the SWMP implementation, enhance the effectiveness of the programs, and increase the efficiency with regard to resource management. These measures are collectively considered adaptive management of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



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 Permit 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, 2017 to June 30, 2018:

IDDE Program

Complaints received and responded to: 125
Enforcement citations/actions initiated: 3

Calls responded to by the Operations Division:

(Including illicit discharges + hazardous materials reports): 216
SSO's: 0

Land Drainage Alteration Permit (LDAP) Program

Permits Issued: 98
Inspections Completed: 509
Construction sites in compliance: 509
Construction sites out of compliance: 0
Enforcement actions initiated: 0
Citations: 0

Actions for sites over five acres

Total inspections: 17
Inspections passed: 17
Inspections failed: 0
Enforcement actions: 0

Actions for sites that qualified for 1200-CN coverage:

Sites between one and five acres:

Total inspection: 49
Inspection Passed: 49
Inspections Failed: 0
Enforcement Actions: 0

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

Total inspection: 301
Inspection Passed: 301
Inspections Failed: 0
Enforcement Actions: 0

Post Construction WQ Facility Inventory and Inspection program. Inventory and inspection totals are calculated from July 2017 – June 2018. Inspections typically occur between July and October. 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: 66
Inspected and re-inspected (sites): 81
Sites found in non-compliance: 55 of 81
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, 2017 to June 30, 2018
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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Council was updated on various SWMP Programs, MS4/TMDL Annual Reports, and MS4 Permit status. Additional updates with Council included the Up Stream Art project, and MS4 General Permit development; 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, Mill Race Stormwater Treatment Park and path, Channel 6 Stormwater Master Plan, Canines for Clean Water Program and Calendar Contest, CW University, Public Works Week, Earth Day Poster Contest, Firing Range Decommission, Main Street Vision Plan, Glenwood UIC Decommission, Franklin Blvd. Project, and reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented in July were approved by Council. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Council was updated on various SWMP Programs, MS4/TMDL Annual Reports, and MS4 Permit status. Additional updates with Council included the Up Stream Art project, and MS4 General Permit development; 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, Mill Race Stormwater Treatment Park and path, Channel 6 Stormwater Master Plan, Canines for Clean Water Program and Calendar Contest, CW University, Public Works Week, Earth Day Rain Barrel Contest, Franklin Blvd. Project, HOA's and WQF's, Up Stream Art, Groundwater Awareness Signage, and reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented in July were 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>For reporting period 7-1-2016 thru 6-30-2017</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, Long Tom Watershed Council, McKenzie Watershed Emergency Response System, Stormwater Special Operations, National Public Works Association, Lane Community College, Landscape Stakeholders, City of Eugene, Lane County, Team Springfield, Springfield School District, MWMC, Willamalane Parks and Recreation, and Spring Clean-Up Partnerships. • Joined and participated with two new regional groups; Clean Water Coalition and Metro Clean Water Partners. • The 2nd Up Stream Art event will kick off in August 2017 with donations coming from the AARP of Lane County. This event has local artist paint storm drain murals in the downtown area as an educational tool linking stormwater runoff and pollution. • 5 new pet waste stations installed. Continued Pet Waste Management Program outreach with Willamalane Park & Rec District, in City ROW, and with Springfield School District. 6600 bags provided, • Partnered with OSU on the Landscape Stakeholders – meetings and donation to coordinate sustainable landscape projects. • 5 DPW staff participated in the regional ACWA Stormwater Summit and staff provided an educational poster showcasing 3 of our PE programs. • Met with 2 regional partners and discussed opportunities to develop a regional training workshop for landscape contractors that work on WQ facilities. Aiming for a workshop in 2018. • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in 2 wash kit sites, 51 flyers sent out to church groups and HOAs. Outreach efforts also included 9

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Public Education (cont.)	PE2	Outreach Efforts with Regional Partners	Maintenance Manager ESD Manager	Continue partnerships in local and statewide programs. Review effectiveness of partnership programs yearly	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	Yes	<p>flyers sent to schools.</p> <ul style="list-style-type: none"> Continued annual Earth Day poster contest with 300 4th grade students from 10 schools. Staff also did a water quality booth at the BRING Earth Day event. Continued metro wide Pressure Washing Program where local shops distribute brochures and have equipment tags. 186 pledges were received for the Canines for Clean Water Program (C4CW) during -2 public booth events and via the new online pledge form. The program distributed 213 bandanas, 326 bag holders, and 92 yard signs. Additionally, 353 pledges made during the online calendar contest. 4275 calendars went out to residents and 108 flyers. Social media, display cases and the library were used to advertise the contest. There was also an article in the local paper advertising the calendar event. 1761 brochures were taken by the public at local events and garden centers. 143 "Clean Water Gardener" gloves were also given away The Clean Water Gardens demonstration project continues to be maintained by City and School District staff, the QR Code resulted in 25 new scans. Additionally, 213 pens went out at various events as giveaways; the pens have Springfield's re-direct on them. 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 maintaining certification; currently we are working with a local non-profit organization to improve outreach efforts. One re-certification, 4 inspections, 5 site visits, and 50 mailings. Public Works Week held at City hall provided fun activities for 450 3rd grade students and promoted clean water, pollution prevention, and recycling. The Paint Waste Program continued to distribute brochures at participating local businesses; 105 English and 57 in Spanish went out. The Septic System Program is ongoing in cooperation with SUB and Rainbow Water District. 6081 septic system maintenance brochures were distributed. Continued partnership with EWEB on the 48th Street Restoration Partnership Projects; efforts are moving forward on installation of a trash rack just above the wetlands. The Annual Spring Cleanup event distributed 1000 clean water brochures and collected over 66.52 tons of appliances, electronics, metal, yard debris, and other house hold waste products that were recycled or reused. Participated in LC Home and Garden Show, LC Master Gardener's Plant Sale, Earth Day at BRING and the Good Earth Home Show where a large variety of education and outreach material was distributed as well as a rain barrel give-a-way. The pressure washing education and outreach booklets, tags, and brochures continue to be distributed in participating stores; 250 tri-folds went out. There were 25 Little Litter flyers distributed via a kiosk in City Hall. <p>For reporting period 7-1-2017 thru 6-30-2018</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, Long Tom Watershed Council, McKenzie Watershed Emergency Response System, Stormwater Special Operations, National Public Works Association, Lane Community College, Landscape Stakeholders, City of Eugene, Lane County, Team Springfield, Springfield School District, MWMC, Willamalane Parks and Recreation, Clean Water Coalition, Metro Clean Water Partners, and Spring Clean-Up Partnerships. The 3rd Up Stream Art event will kick off in August 2018; project planning and outreach occurred during this reporting period. This event allows selected local artists to paint storm drain murals in the downtown area as an educational tool linking stormwater

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Public Education (cont.)	PE2	Outreach Efforts with Regional Partners	Maintenance Manager ESD Manager	Continue partnerships in local and statewide programs. Review effectiveness of partnership programs yearly	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	Yes	<p>runoff and pollution.</p> <ul style="list-style-type: none"> • 1 new pet waste station was installed. Continued Pet Waste Management Program outreach with Willamalane Park & Rec District, in City ROW, and with Springfield School District; 4,600 bags provided, • 7 DPW staff participated in the regional ACWA Stormwater Summit and staff provided an educational poster showcasing Springfield PE programs. • A regional training workshop for landscape contractors that work on WQ facilities was held; 25 landscapers certified, 104 flyers sent out, 1 survey completed. • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in 6 wash kit sites, 17 flyers sent out to church groups and schools. • Continued annual Earth Day contest; this year the contest was switched to rain barrel painting. Over 325 students from 5 schools participated. • Continued metro wide Pressure Washing Program where local shops distribute brochures and have equipment tags. The materials were reviewed and updated. • 190 pledges were received for the Canines for Clean Water Program (C4CW) during - 4 public booth events and via the new online pledge form. The program distributed 188 bandanas, 365 bag holders, and 119 yard signs. Additionally, 353 pledges made during the online calendar contest. 4,600 calendars went out to residents. Social media, display cases and the library were used to advertise the contest. • The Clean Water Garden program had 1,396 brochures taken by the public at local events and garden centers. 50 "Clean Water Gardener" gloves were also given away. The Clean Water Gardens demonstration project continues to be maintained by City and School District staff, the QR Code resulted in 41 scans. Additionally, 111 pens went out at various events as giveaways; the pens have Springfield's re-direct on them. • There were 2 Rain Water Harvesting Workshops held; 46 participants, 1 news interview, 1 survey, and the 45 rain barrels from the 3rd grade student's Earth Day Rain Barrel Painting Contest were given away. • 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 City newsletter also promoted the event. • The EcoBiz Program continued to work with local auto shops in maintaining certification; currently we are working with a local non-profit organization to improve outreach efforts. One re-certification, 2 inspections, 3 site visits, and 16 mailings during the reporting period. • Public Works Week held at City hall provided fun activities for 475 3rd grade students and promoted clean water, pollution prevention, and recycling. • The Paint Waste Program continued to distribute brochures at participating local businesses; 118 English and 81 in Spanish went out. • The Septic System Program is ongoing in cooperation with SUB and Rainbow Water District. 2 septic system maintenance brochures were distributed; the brochures were updated last reporting period and distributed via mail jurisdictionally wide— this mailing occurs about every three years. • The Annual Spring Cleanup event distributed clean water brochures and collected over 50 tons of appliances, electronics, metal, yard debris, and other house hold waste products that were recycled or reused. • Participated in LC Home and Garden Show, the Good Earth Home Show, National Night Out, Children's Celebration, Springfield Farmers Market, where a large variety of education and outreach material was distributed and a rain barrel was given away. • There were 16 Little Litter flyers distributed via a kiosk in City Hall; a back of the bus ad

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							<p>will run August and Sept. 2018.</p> <ul style="list-style-type: none"> • The Mill Race Stormwater Treatment Park served as an educational site with a regional tour during the ACWA Summit. There was an article in SW Magazine (Oct) that showcased the treatment park. Educational signage is being developed in partnership with Willamalane Parks and Rec and the regional water pollution control facility – MWMC. • The Groundwater Guardians, which Springfield is a member of, presented a guardian plaque to City Council in recognition of groundwater protection. The City is working with Rainbow Water and SUB Utility to develop and install drinking water protection signs in schools that are located in drinking water protection areas. • A Mill Race Bike tour was held from the trailhead at Booth Kelly to the SUB well fields; talks were given by staff at a water quality facility, about Springfield’s Stream Team, about the Mill Race Restorations, the Swanson’s Shading Project, and other presenters from ODFW and SUB gave talks along the way. • A grant was awarded to the Long Tom Watershed Council, who we partnered with, to develop a priority matrix for the installation of private water quality facilities through a volunteer program. Meetings and prioritization is currently in the works. • The DWP Map was updated – this map identifies sites that have drinking water protection permits and/or well head protection signs, and have a water quality facility on site. This tracking/mapping effort is in cooperation with SUB water. • Springfield participated in the annual Willamette River cleanup.
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 7-1-2016 thru 6-30-2017</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 6 classes with 131 5th grade students. • Continued Earth Day poster contest with 300 4th grade students from 10 schools. • Water Resources participated in Career Day where high school and college aged students shadowed staff for the day; water resource staff also provided clean water at a glance factsheets. • Gateways High School participated in a clean-up of the Q-Street Floodway. • 450 students from 6 schools participated in Public Works Week held at City Hall; staff provided activities that involved clean water, pollution prevention, and recycling. <p><u>For reporting period 7-1-2017 thru 6-30-2018</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 had 263 5th grade students participate. • Continued the Earth Day contest by switching to a rain barrel painting contest; 325 students, 5 schools and 11 classes participated. • 475 students participated in Public Works Week held at City Hall; staff provided activities that involved clean water, pollution prevention, and recycling. • An example Bio-filter Planter was created to demonstrate how stormwater planters filter runoff. The Bio-filter Planter is available for use at workshops and events.

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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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> Over the years this BMP has evolved to be more than a package carried in City vehicles with material distributed in the field during call outs. It has evolved into website material, website reporting, online response material such as educational material, and factsheets about water quality programs and projects. Portfolios are still carried in key response vehicles; material is update and restocked annually. Staff made improvements to the City website making it more user friendly, reviewed and updated factsheets/ handouts, and posted current TMDLs and MS4 information. All of the educational material went through a simple evaluation process and was updated accordingly; approx. 87 materials and/or events went thru review. Factsheets are handed out at pollution call outs and at events; 12 were handed out during call outs and 140 at events. 7 factsheets were translated in Spanish with 4 more in the process of being translated. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> Over the years this BMP has evolved to be more than portfolios carried in City vehicles with outreach material distributed in the field during call outs. It has evolved into website material, website reporting, online response material such as educational material, and factsheets about water quality programs and projects. Portfolios are still carried in key response vehicles; material is update and restocked annually. Staff made improvements to the City website making it more user friendly, reviewed and updated factsheets/ handouts, and posted current TMDLs and MS4 information. All of the educational material went through a simple evaluation process and was updated accordingly; approx. 87 materials and/or events went thru review. Factsheets are handed out at pollution call outs and at events; 38 were handed out during call outs and 300 at events. 4 factsheets were translated to Spanish. Additionally, the Canines for Clean Water and the Clean Water Gardens material were also translated.
	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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> Two utility billing inserts were developed and distributed during this permit cycle; over 30,000 each time via the inserts, and over 1,500 digitally due to paperless bill options. The focus was on how fees are spent on stormwater programs, user's fees, and the canine for clean water program. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> Two utility billing inserts were developed and distributed during this permit cycle; over 32,000 each time via the inserts, and over 1,700 digitally due to paperless bill options. The focus was on how fees are spent on stormwater programs, user's fees, and the canine for clean water program.
	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>Initiate contacts with NPDES permit holders. Initiate contact with targeted industry and businesses. Adaptively manage program based on evaluation. Adapt program as appropriate</p> <p>Conduct periodic inspections at sources</p> <p>Respond to and log industry-</p>	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> There was one 1200z industry up for permit renewal in Spfld. jurisdiction; staff reviewed and provided comment to the DEQ. Additionally the 1200z permit was open for public comment where staff participated in the process for re-issuing the 1200z Permit. Continued outreach to targeted industries and businesses distributed 425 brochures, 11 business pet waste signs, and 3000 calendars to pet related businesses. The list of pet related businesses was updated. The paint waste education project distributed 105 English brochures and 57 Spanish to paint centers. The Pressure washing program is revamping the material and distributed 250 tri-fold brochures to distributors of pressure washers. The Clean Water Garden Booklet distribution in garden centers and at events resulted in 1761 booklets and 143 gloves going out. The Assessment of industrial and commercial sites continued; the focus changed to

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				Continue inspections, complaint response, and compliance efforts.	related complaints. Provide technical assistance/ training as industries and businesses become identified and /or part of the outreach program		<p>inventorying and evaluating industrial sites and/or industries that have the potential to contribute point source loading. The first stage of this project developed a list of industries/businesses, permit type, and potential pollutants. This project is somewhat on hold pending the possibility of new General Permit language requiring the use of the CWP Manual; there is no sense in performing this work only to have it deemed invalid, but pieces or certain efforts can move forward.</p> <ul style="list-style-type: none"> • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in 2 wash kit sites, 51 flyers sent out to church groups and HOAs. Outreach efforts also included 9 flyers sent to schools. • 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 WHP signs are posted. This inspection process is done as part of the WQF Management Program. • The Auto Shops inventory list was updated and the EcoBiz Program continued to work with local auto shops in maintaining certification; currently we are working with a local non-profit organization to improve outreach efforts. One re-certification, 4 inspections, 5 site visits, and 50 mailings were completed. • 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. <p><u>For reporting period 7-1-2017 thru 6-30-2018</u></p> <ul style="list-style-type: none"> • There was one 1200z industry reviewed in Spfld. jurisdiction. A 1200z permit renewal is no longer open for public comment, staff requested stormwater pollution control plans from all industrial permit holders within our jurisdiction to update our books. • Continued outreach to targeted industries and businesses; distributed 397 brochures, 5 business pet waste signs, and 4,600 calendars to pet related businesses. The list of pet related businesses was updated. The paint waste education project distributed 118 English brochures and 81 Spanish to local paint centers. The Pressure washing program distributed 50 tri-fold brochures to distributors of pressure washers. The Clean Water Garden Booklet distribution in garden centers and at events resulted in 1,396 booklets and 50 gloves going out. • The Assessment of industrial and commercial sites continued; the focus 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 developed a list of industries/businesses, permit type, and potential pollutants. This project is currently on hold pending the possibility of new General Permit language requiring the use of the CWP Manual; there is no sense in performing this work only to have it deemed invalid, but pieces or certain efforts can move forward. 7 BMP letters went out to storage facilities and 4 to asphalt repair companies. • Ongoing efforts with the Fish Friendly Car Wash Kit Program resulted in 6 wash kit sites, 9 washing events and 17 flyers sent out to church groups and schools. • 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 WHP signs are posted. This inspection process is done as part of the WQF Management Program.

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							<ul style="list-style-type: none"> The Auto Shops inventory list was updated and the EcoBiz Program continued to work with local auto shops in maintaining certification; currently we are working with a local non-profit organization to improve outreach efforts. One re-certification, 2 inspections, 3 site visits, and 16 mailings were completed. 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, illegal dumping, and construction site management.
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	<p><u>For reporting period 7-1-2016 thru 6-30-2017</u></p> <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, or identifying missed areas. A GIS layer was created that notes the type of marker and location is maintained on an ongoing bases. Additionally, field staff now has the ability to update the map inventory in the field with a tablet. 279 new and 69 markers were replaced. <p><u>For reporting period 7-1-2017 thru 6-30-2018</u></p> <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, or identifying missed areas. A GIS layer was created that notes the type of marker and location is maintained on an ongoing bases. Additionally, field staff now have the ability to update the map inventory in the field with a tablet. 286 inspected and 267 new installs.

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<p>Public Involvement & Participation</p>	<p>PI1</p>	<p>Public Involvement/Participation</p>	<p>ESD Manager</p>	<p>Identify and implement public involvement activities in implementing Stormwater Policy, implementation actions and BMP's.</p>	<p>Provide opportunities for public input on SW program thru various venues, Appraise City Council of stormwater Plan implementation efforts annually</p>	<p>Yes</p>	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Council was updated on various SWMP Programs, MS4/TMDL Annual Reports, and MS4 Permit status. Additional updates with Council included the Up Stream Art project, and MS4 General Permit development check-ins; 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, Mill Race Stormwater Treatment Park and path, Channel 6 Stormwater Master Plan, Canines for Clean Water Program and Contest, CW University, Public Works Week, Earth Day Poster Contest, Firing Range Decommission, and the reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented in July were approved by Council. • 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. Phase 1 of the project has been implemented, extensive PEO and PPI has been implemented and continues as the project moves ahead. • In February of 2016, Council adopted the Main Street Vision Plan; multiple public meetings were held. Phase 2 was to begin in the Summer/Fall of 2016. Given the other infrastructure planning efforts on the corridor (Main-McVay Transit Study & Main Street Safety Project), the City declined its second TGM award in 2016 for the zoning and comprehensive plan amendments to implement the Vision. Additionally, the Downtown District Design plan, which will incorporate LID and WQ Code and standards into the Code requirements, went through a public participation process, open houses, and Council was given presentations. The Code is expected to go before Council in 2018. • The City implemented a Court Order Cleanup program were participants would be given an option to clean up waterways and public water quality facilities as community service projects. In early 2017 the City project coordinator was laid off due to budget cut and this project was not able to be implemented. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Council was updated on various SWMP Programs, MS4/TMDL Annual Reports, and MS4 Permit status. Additional updates to Council included the Up Stream Art project, and MS4 General Permit development; 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, Mill Race Stormwater Treatment Park and path, Channel 6 Stormwater Master Plan, Canines for Clean Water Program and Calendar Contest, CW University, Public Works Week, Earth Day Rain Barrel Contest, Franklin Blvd. Project, HOA's and WQF's, Up Stream Art, Groundwater Awareness Signage, and reconstruction of the Over/Under Channel. • Stormwater annual user fee increases presented in July were approved by Council. • The Franklin Blvd. project was completed. This project redesigned a major arterial through Glenwood and included reducing pervious surface and public stormwater management features. Extensive public education and outreach and public participation was implemented. • The Glenwood Stormwater Evaluation was taken to Council at regular session. This project will redefine stormwater sub basins, do soil testing for infiltration, and provide slough restoration guidance. • Social media, the City's website, workshop surveys, teacher/student surveys, on-line reporting, and Water Resources public email all provide ways for the public to provide feedback on projects and issues concerning them.
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<p>Public Involvement & Participation</p>	<p>PI2</p>	<p>Water Resource Area Awareness / Facility Enhancements</p>	<p>ESD Manager Maintenance Manager</p>	<p>Initiate program development and organize participants. Evaluate and update Facility Enhancement Program as appropriate.</p>	<p>Initiate program for citizen involvement in facility enhancement projects. Identify other resource areas and develop public outreach activities</p>	<p>Yes</p>	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • The Clean Water Trailer project and it related outreach efforts were restructured to try and gain more participation. The program was renamed "Springfield's Stream Team", and the web site and flyers revised. A new process for registering and advertising events was setup, and one event was held. • 2 City staffers participated in the regional Willamette River Cleanup; an annual event. • Gateways High School participated in a clean-up of the Q-Street Floodway. • As part of the Facility Enhancement Program and the Clean Water Gardens Program, the native plant nursery continues to be utilized and maintained. • An interpretive sign was installed at Filbert Meadows Swale to educate residents about the function of the swale and steps they can take to improve water quality. As part of understanding the purpose of water quality facilities and what humans can do to improve water quality, an educational sign was installed at Filbert Meadows. • Water Resource staff visited 15 sites and verified that the riparian boundary signs were in good shape. Staff began working on verifying new locations for installs and possibly developing a new sign that can be used by private property owners. • Other water resource awareness projects included Agness Steward School and their ongoing O&M and science classes involving the wetlands behind their school, and project funding to the McKenzie Watershed Alliance that works on various enhancement projects along the McKenzie, • Worked with LCC wetlands students to complete an informal bird survey. • The Mill Race Restoration Project is complete and in the O&M stage. Additional enhancements are continually looked into as the opportunity arises. • Construction of the Mill Race Stormwater Treatment Park and multiuse path was completed. This site will incorporate stormwater education, interpretive signage, and walking paths that will connect to wetlands and other paths along the MR and in the surrounding area. The signs are in the design stage and will be installed late 2017. • Some routine O&M was done on the Mill Race by the NW Youth Corps.; 2.76 tons of invasive were removed. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Last reporting cycle, the Clean Water Trailer project and its related outreach efforts were restructured to try and gain more participation. The program was renamed "Springfield's Stream Team", Promotion was done via 147 work party flyers, 161 stream team flyers, 1 advertisement , 1 TV interview, and 1 display case in City Hall. A total of 11 events were held. • 2 City staffers and 6 local volunteer's participated in the regional Willamette River Cleanup; an annual event. • As part of the Facility Enhancement Program and the Clean Water Gardens Program, the native plant nursery continues to be utilized and maintained. • An article ran in <i>Stormwater Magazine</i> (Oct 2017) that brought attention to the new Mill Race Trail and Treatment Park. • Water Resource staff replaced 4 and installed 3 new riparian boundary signs. Staff developed 2 new signs that can be used by private property owners and at public water quality facilities. • Project funding to the McKenzie Watershed Alliance that works on various enhancement projects along the McKenzie river continued with our annual partner donation, • The Mill Race Restoration Project is complete and in the O&M stage. Additional enhancements are continually looked into as the opportunity arises. • Construction of the Mill Race Stormwater Treatment Park and multiuse path was
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							<p>completed. This site will incorporate stormwater education, interpretive signage, and walking paths that will connect to wetlands and other paths along the MR and in the surrounding area. The signs are in the design stage and will be installed in the summer of 2018.</p> <ul style="list-style-type: none"> • Provided 15 native plants to participants of a rainwater harvest workshop and to the public that stopped by our booth at the Lane County Home Shows (fall and spring).
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 7-1-2016 thru 6-30-2017</u></p> <ul style="list-style-type: none"> • 111 water quality related incidents logged and responded to during reporting period by IDDE staff and 142 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. • Website reporting improvements, including the development of an online stormwater pollution reporting process, have been made, along with additional improvements to improve access to factsheets, educational materials, and programs. • Signs that are posted in response to pollution also carry reporting information. • The IDDE and WQF Programs have been integrated into the larger City tracking and mapping processes. This will streamline the tracking and documentation process, and allow for a larger City staff audience to access the data. Field tablets are in use; troubleshooting process problems. This project incorporated the ArcGIS mapping project. Additionally, this mapping project only includes the responses logged in the IDDE application. IDDE Sampling will be incorporated into the process. <p><u>For reporting period 7-1-2017 thru 6-30-2018</u></p> <ul style="list-style-type: none"> • 125 water quality related incidents logged and responded to during reporting period by IDDE staff and 213 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. • Website reporting improvements, including the development of an online stormwater pollution reporting process, have been made, along with additional improvements to improve access to factsheets, educational materials, and programs. The website is evaluated annually and modifications incorporated. • Signs that are posted in response to pollution also carry reporting information. • An IDDE Assessment was conducted that looked at a 5 year period of call outs. • The IDDE Program has been fully integrated into the larger City tracking and mapping processes. This has streamlined the tracking and documentation process, and allows for a broader City staff audience to access the data.
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><u>For reporting period 7-1-2016 thru 6-30-2017</u></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 continues to work towards an improved enforcement process. • City Council adopted the administrative warrant process giving staff the ability to access property if deemed and emergency or environmental hazard, without the permission of the property owner. • 111 water quality related incidents logged and responded to during reporting period by IDDE staff and 142 by Operations Staff. • 26 IDDE door hangers in response to ongoing IDDE problems were distributed in various neighbors. • The Hold Harmless documents were reviewed and updated. No movement forward

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							<p>with getting this passed by Council as of this reporting period.</p> <ul style="list-style-type: none"> • WR and LDAP staff continues to meet regularly to discuss enforcement issues, concerns, or ongoing problems to ensure compliance and efficiency. • IDDE staff did a complete review of program documents and procedures. Documents were updated, merged, eliminated, and SOPPs updated. Updated documents will be finalized in late 2017. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • WR and LDAP staff continued to meet regularly to discuss enforcement issues, concerns, or ongoing problems to ensure compliance and efficiency. • IDDE staff did a complete review of program documents and procedures. Documents were updated, merged, eliminated, and SOPPs updated. • City enforcement staff, CMO, and City Council worked together to develop an administrative civil penalty process. City Council has yet to vote on this issue and the process is on hold. Staff continues to work towards an improved enforcement process. • 125 water quality related incidents logged and responded to during this reporting period by IDDE staff and 213 by Operations Staff. • The IDDE Program has been fully integrated into the larger City tracking and mapping processes. This has streamlined the tracking and documentation process, and allows for a broader City staff audience to access the data. • 19 IDDE door hangers in response to ongoing IDDE problems were distributed in various neighborhoods. 54 door hangers went out into targeted problem areas.
				Develop modifications to the Urban Transition Agreement as needed.	1 st year development with subsequent years being tracking and reviewing of UTA.	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Continued implementation of IGA for NPDES services with Lane County. • Continued to track and respond to IDDE callouts within the UTZ. • Key staff from WR's and Lane County continues to meet and discuss efforts in regards to the IGA to provide NPDES Service. The agreement is currently in an amended status pending the development and implementation of the MS4 General Permit. It will be revisited to determine if Springfield will be able to continue to provide services to LC. • Spfld. and LC IGA program staffs meet regularly and discuss IGA implementation and status. Spfld. and LC are also part of a newly formed regional group and may merge the meeting to better manage time and efforts. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Continued implementation of IGA for NPDES services with Lane County. • Continued to track and respond to IDDE callouts within the UTZ. • Key staff from WR's and Lane County continues to meet and discuss efforts in regards to the IGA to provide NPDES Service. The agreement is currently in an amended status pending the development and implementation of the MS4 General Permit. It will be revisited to determine if Springfield will be able to continue to provide services to LC. • IGA program staff meets regularly and discuss IGA implementation and status. The regional group is now called the Metro Clean Water Partners and includes Eugene.
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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. • The MWERS response team held one regional drill during his reporting period. • 6 ESD staff received 8 hr. Hazwoper refresher training and 1 new staffer received 8 hr Hazwoper training for the first time. • 2 DPW staff renewed their CESEL certification and 2 DPW staff obtained certification. • IDDE, Pre-Treatment, Code Enforcement, GIS, and Operations staff job shadowed each other at least 10 times during the permit cycle to better understand job duties and process. • 3 DPW staff attended the Water Environment School, 2 attended the APWA Conference, 2 WR staff are continuing Spanish lessons in order to communicating Code violations and address pollution concerns with non-English speaking residents, and staff attended various webcasts on IDDE, housekeeping, and BMPs.

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							<ul style="list-style-type: none"> • 5 divisions received in-house vehicle spill kit awareness training by WR staff. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. • The MWERS response team held one regional drill during this reporting period, IDDE staff participated in the drill. • 7 ESD staff received 8 hr. Hazwoper refresher training. • 4 DPW staff maintained their CESEL certification and 1 obtained certification. • IDDE, Operations, and LDAP staff job shadowed each other during the permit cycle to better understand job duties and process. 1 WR IDDE staffer crossed trained to be an EOC Onboarding Specialist • IDDE staff presented an IDDE Awareness Training to administrative staff; 3 training sessions were held. • 3 WR staff attended StormCon, 4 WR staff attended the Stormwater Symposium, and multiple DPW staff attended various webcasts on IDDE, housekeeping, and BMPs. The City also hosted training for a monitoring equipment company called YSI on how to better use monitoring /sampling equipment. • 5 DPW divisions received in-house vehicle spill kit awareness training by WR staff. • IDDE staff continued Spanish classes to better communicate with non-English speaking residents while responding to an illicit discharge or a complaint. • 3 Water Resource staff, including staff that responds to IDDE's obtained their Stormwater Inspector Certification.
Illicit Discharge Program (cont.)	ID3	Outfall Inventory and Mapping	ESD Manager	<p>Conduct yearly outfall map updates.</p> <p>Maintain outfall mapping</p>	<p>Update outfall mapping annually. Conduct physical re-inspections of new or redeveloped areas every 4 years.</p> <p>Maintain outfall mapping</p>	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</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 are made annually from information obtained during WQ facility inspection. <p>For reporting period 7-1-2017 thru 6-30-2018</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 as they come in. • Additional updates made from field assessments, inventories, and survey projects on ongoing basis. • Outfall and connecting system updates are made annually from information obtained during WQ facility inspections. • The City's GIS staff and the WR staff began working on updates to the storm basin and sub-basin boundaries and on updating the impervious surface information. These are expected to be multiyear projects.
Illicit Discharge Program (cont.)	ID4	Water Quality Monitoring for Illicit Discharges	ESD Manager	<p>Conduct WQ monitoring of all significant outfalls to drainage ways.</p> <p>Evaluate monitoring results to identify pollutants of concern and identify illicit discharges.</p> <p>Conduct follow-up investigations to identify and eliminate ID's as needed.</p>	<p>WQ monitored at significant outfalls over a 5 yr period.</p> <p>Monitoring results evaluated and pollutants of concern identified.</p> <p>Compliance efforts, including education and consultation, documented.</p>	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</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, DO, and temperature levels. • Ongoing evaluation of data during the monitoring season. Efforts continue into the next permit cycle. • Ongoing compliance efforts in conjunction with ID2 and PE6 efforts. • 2 point source monitoring sites from industrial and residential areas were monitored in response to complaints and IDDEs. • DNA source tracking continues at 2 waterways. DNA markers have come back for predominantly canine species and some small contribution from human. This is an ongoing point source tracking project that will continue in to the next permit cycle. • Temperature, pH, DO, and flow event monitoring continues at various sites. <p>For reporting period 7-1-2017 thru 6-30-2018</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, DO, and temperature levels.

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							<ul style="list-style-type: none"> • Ongoing evaluation of data during the monitoring season. Efforts continue into the next permit cycle. • Ongoing compliance efforts in conjunction with ID2 and PE6 efforts. • 3 point source monitoring sites from industrial and commercial areas were monitored in response to complaints and IDDEs. • Temperature, pH, DO, and flow event monitoring continues at various sites. • The City also hosted training for a monitoring equipment company called YSI on how to better use monitoring /sampling equipment.
Illicit Discharge Program (cont.)	ID5	City-wide Illicit Discharge Detection and Elimination	ESD Manager Maintenance Manager	<p>Develop staffing for IDDE program.</p> <p>Ongoing incident response and tracking activities.</p>	<p>Develop and present proposal to City Council for IDDE staff.</p> <p>Maintain staffing and program development</p> <p>Track illicit discharge incidents and follow up activities.</p>	Yes	<p><u>For reporting period 7-1-2016 thru 6-30-2017</u></p> <ul style="list-style-type: none"> • Ongoing incident tracking and response through hot line calls, website complaints and field observations. • 26 IDDE door hangers in response to ongoing IDDE problems were distributed in various neighbors. 111 water quality related incidents logged and responded to during reporting period by IDDE staff and 142 by Operations Staff. • The IDDE Education and Outreach Assessment project finished up; hot spots and key issues were identified. The results of the assessment were used in the Assessment of Commercial and Industrial Sites and to target education and outreach efforts. No hard conclusions were made or could be made from the assessment. Staff is looking into doing a different assessment in coming years that might provide a hard conclusion. <p><u>For reporting period 7-1-2017 thru 6-30-2018</u></p> <ul style="list-style-type: none"> • Ongoing incident tracking and response through hot line calls, website complaints and field observations. • 19 IDDE door hangers in response to IDDE problems were distributed in various neighborhoods and 54 hangers in areas identified with ongoing concerns. 125 water quality related incidents logged and responded to during reporting period by IDDE staff and 213 by Operations Staff. • The IDDE Education and Outreach Assessment project finished up; hot spots and key issues were identified. The results of the assessment were used in the Assessment of Commercial and Industrial Sites and to target education and outreach efforts. No conclusions were made or could be made from the assessment.
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 7-1-2016 thru 6-30-2017</u></p> <ul style="list-style-type: none"> • Ongoing technical assistance to targeted business/industry is ongoing in conjunction with PE6. • 1 SW Pollution Control Plan from 1200z industries were requested during this cycle, • The Assessment of industrial and commercial sites continued with meetings and research. The focus was to inventory and evaluate industrial sites and/or industries that have the potential to contribute point source loading. The first stage of the project developed a list of industries/businesses, permit type, and potential pollutants. This project is somewhat on hold pending the General Permit language requiring the use of the CWP Manual. Staff drafted a project description and assessment document. • There were 6 meetings held in regards to the Fire Station and Just Center wash racks along with 4 facilities inspected. The new WR technician is in the process of learning the facilities, operations, and contacts. • The Auto Shops inventory list was updated and the EcoBiz Program continued to work with local auto shops in maintaining certification; currently working with a local non-profit organization to improve outreach efforts. One re-certification, 4 inspections, 5 site visits, and 50 mailings. • The Firing Range continues in the decommission process; staff continues to work with the DEQ and work plan, and in seeking Council approval for funding.

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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>For reporting period 7-1-2016 thru 6-30-2017</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; BMP practices were reviewed. Staff drafted 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 was finalized during this permit cycle and will have ongoing updates as products continue to be reviewed. This document will aid in providing consistency in staff response to calls. The types of products/practices assessed are related to moss control, dust control, deicing activities, and pesticides; some of the most common asked questions. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> All discharges listed in MCM #3 vi and vii have been evaluated. Implementation, discussions, and enforcement continued. No changes were made during this permit cycle; BMP practices were 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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> Ongoing permit inspection and tracking (see Annual Report's narrative on page 8 LDAP factsheet (educational handouts) were reviewed and updated. Factsheets are available at counters and on the City web page. The LDAP Program went through a review and implemented Code changes 2014/2015, there will be no additional changes until the MS4 General Permit is issued; staff will then do a program review to meet any new compliance requirements. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> Ongoing permit inspection and tracking (see Annual Report's narrative on page 8 LDAP factsheet (educational handouts) were reviewed and updated. Factsheets are available at counters and on the City web page. The LDAP Program went through a review and implemented Code changes in 2014/2015, there will be no additional changes until the MS4 General Permit is issued; staff will then do a program review to meet any new compliance requirements.
Construction Site Runoff Control (cont.)	CSW2	City Staff Erosion Control Training	City Engineer	<p>Conduct staff training on an ongoing basis; update as needed.</p>	<p>Provide comprehensive erosion control training at least annually. Evaluate training opportunities provided and their effectiveness.</p>	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</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 LDAP staffers are certified. Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency.

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							<ul style="list-style-type: none"> Staff participated in various webinars that discussed erosion control, energy dissipation, bank stabilization, river behavior, and construction site runoff. Additional training was done through ACWA Stormwater Summit and the Water Environmental School. <p>For reporting period 7-1-2017 thru 6-30-2018</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 LDAP staffers are certified. Ongoing meetings between LDAP staff and IDDE staff to ensure compliance, consistency and efficiency. 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 7-1-2016 thru 6-30-2017</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. <p>For reporting period 7-1-2017 thru 6-30-2018</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.
				Track LDAP compliance and impacts to WQ annually.	Evaluate LDAP database to determine if the volume of permits issued annually is achieving compliance.	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> City staff continues to improve communication and tracking to further link development review, development application & inspection with the LDAP inspection process. Ongoing evaluation of the number of permits, types of violations and contractor compliance. See Annual Report's narrative on page 8. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> City staff continues to improve communication and tracking to further link development review, development application & inspection with the LDAP inspection process. Ongoing evaluation of the number of permits, types of violations and contractor compliance. See Annual Report's narrative on page 8.
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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> Ongoing tracking and site inspections. See Annual Report's narrative on page 8. Staff began using an infield mobile application for inspection and tracking making the inspection process and documentation more efficient. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> Ongoing tracking and site inspections. See Annual Report's narrative on page 8. Staff began using an infield mobile application for inspection and tracking making the inspection process and documentation more efficient.
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</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>For reporting period 7-1-2016 thru 6-30-2017</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 new development. The site review process is tracked and maintained by the DPW Engineering and Planning staff. A long term WQF Facility Inventory and Inspection Program continues being implemented and program adjustments made. See narrative on page 9. 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. WR staff participated with Development staff in the development of a new Main Street Vision Plan, and continued involvement in the Franklin Blvd redevelopment project. Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to

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				with pollutant reduction MEP requirement.			<p>ensure compliance in a facility inspection certification process.</p> <ul style="list-style-type: none"> WR staff identified the need to update the EDSPM in relation to Chapters on stormwater management, water quality, and vegetation. This review and update is on hold pending the new MS4 General Permit requirement. <p>For reporting period 7-1-2017 thru 6-30-2018</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 new development. The site review process is tracked and maintained by the DPW Engineering and Planning staff. A long term WQ Facility Inventory and Inspection Program continues being implemented and program adjustments made. See narrative on page 9 for inspection and compliance information. WR staff participated with planning staff in the planning of Virginia Daisy Bikeway project that will incorporate green street approaches, stormwater swales and trees. Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a WQ facility inspection certification process. WR staff identified the need to update the EDSPM in regard to chapters on stormwater management, water quality, and vegetation. This review and update is on hold pending the new MS4 General Permit requirement.
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>For reporting period 7-1-2016 thru 6-30-2017</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 9. Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a facility inspection certification process; revisions to the inspection certification and signoff process continue. Work continued on integrating the WQF Management Program into a City GIS and Asset Management system; staff implemented the field tablets and continue to work out program and process bugs. 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. Additional work consisted of maintaining and updating information on the WQF information webpage, and 155 postcards went out to remind facility owners to maintain their facilities. Staff attended various webcasts on green infrastructure, facility O&M's, and rainwater harvesting. Staff recently joined in partnership with the Long Tom Watershed to implement an Urban Waters Trout Friendly Landscaping Program. The LTWC will provide outreach and education to try and get businesses in Spfld. to install rain gardens; one private commercial business participated in the program by installing enhancements to their existing swale. Staff also hosted a WQF tour in cooperation with the City of Eugene, APWA, and ACWA. Staff showcased the new water quality facility along the Mill Race. Single home residential treatment is not required in Spfld. residents may take advantage of system development discounts by installing treatment facilities; one new residential garden was installed. Springfield, Eugene and the LTWC are working together to create a landscape contractors training workshop; meeting and conversations continue. Spfld. supported a grant with the LTWC for the Urban Water Program; a volunteer retro fit project for commercial sites.

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<p>Post Construction Stormwater Management for New Development and Re-Development (cont.)</p>						<p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • The Water Quality Facility Inventory and Inspection Programs are currently being implemented and program adjustments are being made. See narrative on page 9 for inventory and inspection details. • Water Quality Facility Inventory and Inspection Program staff works with LDAP staff to ensure compliance in a WQ facility inspection certification process. • Ongoing implementation of the field tablet for inspections and staff continue to work out program and process bugs. • Additional work consisted of maintaining and updating information on the WQF information webpage and 112 postcards went out to remind facility owners to maintain their facilities. • Staff attended various webcasts on green infrastructure, facility O&M's, and rainwater harvesting. • Ongoing partnership with the Long Tom Watershed Council to implement an Urban Waters Trout Friendly Landscaping Program in Springfield. The LTWC will provide outreach and education to try and encourage businesses in Spfld. to install vegetated water quality facilities as retrofits. • Staff also gave a presentation to LCC students on WQF standards for Springfield and how they differ from Eugene. • Single home residential treatment is not required in Spfld. but residents may take advantage of system development discounts by installing treatment facilities; one residential rain garden was installed. WR staff continues to track these installations. • Springfield, Eugene and the LTWC provided training to landscape contractors that work on WQ facilities. 104 flyers were sent out and 25 landscapers certified. • The DWP Map was updated – this map identifies sites that have drinking water protection permits and or well head protection signs, and have a water quality facility on site. This effort is in cooperation with SUB water. • An example Bio-filter Planter was created to demonstrate how stormwater planters filter runoff. The Bio-filter Planter is available for use at workshops and events.
	<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 align="center">Yes</p> <p>For reporting period 7-1-2016 thru 6-30-2017</p> <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 planned and in design stage, such as lower Mill Race enhancements, retrofitting storm piping with water quality treatment end pipe structures, Channel 6 Stormwater flood control and water quality projects, over under piping and retrofitting of 1 channel, Main Street Vision Plan, The fuel facility retrofit, and Franklin Blvd redevelopment. • One public UIC was identified in Glenwood and decommissioned; a grassy infiltration swale was constructed in its place. • Staff attended various webinars on retrofitting and channel enhancement. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Stormwater piping and open system projects are annually incorporated into ongoing rehab projects when appropriate. • Multiple projects and studies planned and are either in design or construction stage such as, Channel 6 Master Plan - flood control and water quality projects, the Over/Under Channel reconstruction, the fuel facility retrofit, the Virginia Daisy Street Bikeway, the 48th Street Channel wetland enhancement, Glenwood Stormwater Evaluation, and the just completed Franklin Blvd redevelopment. • Staff attended various webinars on retrofitting and channel enhancement.

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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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Redrafting of the PC BMP Manual is currently being reviewed and updates are in the works. Meetings were held with key staff; preparations and requirements discussed. Staff will review the manual again when the new General Permit is issued to ensure compliance with the new General Permit requirements, if any. • Staff participated in webcasts on water quality, green infrastructure, river behaviors, SW management, confine space entry, first aid and CPR, Hazmat, and IDDE. Staff additionally attended seminars, summits and conferences related to water quality and SW management. Some DPW staff received CESCL Certification. Job Shadowing is also done between divisions to better understand operations and procedures to ensure water quality. • Meetings were held to discuss and review other BMP guidance documents such as the S 16th lot, SWPCP for the Operations facilities, Fire Station wash rack O&M, and the PCP for the Regional Fuel Facility; these documents too are being updated in stages pending the new MS4 General Permit and possible requirements. • Ongoing City-wide composting and recycling programs continue. Staff reviewed and updated guidance information as needed. • Vehicle spill kits were inventoried, restocked, and five presentations were done. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Updates were made to the PC BMP Manual and the SPCC for the Regional Fuel Facility. Staff will review the manual(s) again when the new General Permit is issued to ensure compliance with the new General Permit requirements, if any. • Staff participated in webcasts on water quality, green infrastructure, river behaviors, SW management, confine space entry, first aid and CPR, Hazmat, and IDDE. Staff additionally attended seminars, summits and conferences related to water quality and SW management. Some DPW staff received CESCL Certification. Job Shadowing is also done between divisions to better understand operations and procedures. • Three WR staff got their Stormwater Inspectors Certification. • Meetings were held to discuss and review other BMP guidance documents such as the S 16th lot, SWPCP for the Operations facilities, and the fire station wash rack O&M; these documents too are being updated in stages pending the new MS4 General Permit and possible requirements. • Ongoing City-wide composting and recycling programs continue. Staff reviewed and updated guidance information as needed. • Vehicle spill kits were inventoried, restocked, and five training presentations given.
Pollution Prevention in Municipal Operations (cont.)	OM1 (cont.)	Pollution Control Manuals for City Operations (cont.)	ESD Manager Maintenance Manager (cont.)	Initiate review of other City activities.	Review of other City activities and develop pollution control guidance as needed. Implement pollution control guidance.	Yes	<p>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • See above for details under OM1 <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • See above for details under OM1.
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 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> • Ongoing monitoring of the demonstration rain garden / naturescape site continues. Developed and installed interpretive signs and botanical signs at the site last permit cycle and replaced one sign this cycle. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> • Ongoing monitoring of the demonstration rain garden / naturescape site continues. • The wash racks at 5 fire stations and the Justice Center were inspected.

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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 7-1-2016 thru 6-30-2017</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 provides 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. Currently, updates being made are through the WQ facility inventory and inspection program as this goal was completed. Additionally, these inventory efforts may change direction pending the new General Permit language which could invalidate these types of assessments and inventories. There have been no additional changes made to Spfld. waterways that would require an additional assessment at the moment. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> Continued ongoing updates to GIS mapping for stormwater infrastructure. Ongoing updates of open waterways as identified. Continued with the Water Quality Management Program Inventories/inspections. This provides 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. Currently, updates being made are through the WQ facility inventory and inspection program as this BMP goal was completed. Additionally, these inventory efforts may change direction pending the new General Permit language which could invalidate these types of assessments and inventories. There have been no additional changes made to Spfld. waterways that would require an additional assessment at the present time. There is a pending UGB expansion that will require an inventory in the future.
	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>For reporting period 7-1-2016 thru 6-30-2017</p> <ul style="list-style-type: none"> See above OM1 for details. This is a voluntary BMP/housekeeping measure for Operations staff. The facility is not required to have a 1200z NPDES PCP. <p>For reporting period 7-1-2017 thru 6-30-2018</p> <ul style="list-style-type: none"> See above OM1 for details. This is a voluntary BMP/housekeeping measure for Operations staff. The facility is not required to have a 1200z NPDES PCP.
	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>For reporting period 7-1-2016 thru 6-30-2017</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 4107.99 curb miles for scheduled routine sweeping took place with 694 tons of material removed 3713 catch basins were cleaned and 60 tons of material removed. Additionally, over 2000 ft of storm line was cleaned, open channel O&M was done on 9680 feet of system with 22.6 of debris removed and sediment removal/reshaping was done on over 793 ft. removing 24.62 tons of material, the leaf pickup program removed 1598 cu.yds. of material, and Operations cleaned 35 water quality facilities. <p>For reporting period 7-1-2017 thru 6-30-2018</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 5,165.75 curb miles for scheduled routine sweeping took place. 1,281 catch basins were cleaned and 81 tons of material removed. Additionally, over 2,432 ft of storm line was cleaned, open channel O&M was done on 5,316 feet of system with 79.63 tons of debris and sediment removed, the leaf pickup program removed 415.83 tons of material, and Operations cleaned 36 vegetated WQ facilities and 23 WQ structures.

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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 measurable goals are summarized to reflect ongoing implementation and/or the removal of completed tasks and goals.
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.