

City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)
Minimum Measure 1. Outreach and Education

Year four completed activities and newly proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
1.1	School Pollution Prevention Program	Develop general stormwater pollution prevention educational learning program. Base on use of stream model and River Rangers booklets. Work with at least 6 classroom groups using materials.	Update and continue.	Update and continue. Add more types of classroom learning materials and activities.	Update and continue. Develop materials for middle and high school aged students, in addition to elementary students. Present respective programs to at least 2 elementary, 2 middle and 2 high school groups. <ul style="list-style-type: none"> • Taught field water quality monitoring to two classes of sixth graders (approximately 60 students) as part of The Freshwater Trust Salmon Watch program. • Presented stormwater pollution prevention information to eight high school classes (approximately 210 students). • Researched, designed, and piloted a ‘macroinvertebrates as water quality indicators’ curriculum with three second grade classes (approximately 90 students). Project will be incorporated into 509J school district curriculum and made available to all district 2nd grade teachers in subsequent years. • Presented stormwater information using watershed model to one third grade class and one fifth grade class (approximately 45 students total). • Presented stormwater information to approximately 20 preschoolers. • Educated approximately 360 students about water and soils as part of 4-H Wildlife Stewards Summit. 	Update and continue. Evaluate. <ul style="list-style-type: none"> • Continue program.

1.2	Storm Drain Marking	Work with volunteers to mark at least 200 storm drains with the message “Dump No Waste-Drains to Streams’ or similar.	Update and continue in new areas.	Update and continue in new areas.	<p>Update and continue in new areas. Create maps to give to volunteers. Keep track of areas marked.</p> <ul style="list-style-type: none"> • Added layer to existing GIS database to track marked storm drains. • Marked 588 storm drains with the help of student and community volunteers. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.
1.3	Stormwater Pollution Prevention Door-Hangers	Create door-hangers with stormwater pollution prevention (IDDE) information. Distribute at least 400 door-hangers.	Update and continue in new areas.	Update and continue in new areas.	<p>Update and continue in new areas. Create maps to give to volunteers. Keep track of areas marked.</p> <ul style="list-style-type: none"> • Continued to distribute doorhangers in conjunction with all storm drain marking projects. Estimates indicate that over 1,000 doorhangers were distributed in conjunction with storm drain marking initiatives. 	<p>Update and continue in new areas.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.

1.4	Illicit Discharge Detection and Elimination (IDDE) Hotline	Develop a hotline that citizens can call in to report suspected illicit discharges or connections. Monitor calls, follow up.	Update and continue.	Update and continue. Create poster to advertise that storm drains flow to streams and pollution should be kept out of them. Include IDDE hotline number. Distribute poster.	<p>Update as needed and continue. Distribute poster to advertise hotline. Place at 10 businesses, 10 places on OSU campus, at the Utility Billing, City Hall, Public Works, Parks and Rec, Dev. Departments.</p> <ul style="list-style-type: none"> • Continue restocking IDDE Hotline magnet supplies. (As stated in the Year 3 report, magnets were pursued instead of posters so that people would have the hotline number readily available in the home if an illicit discharge incident was seen. In addition, magnets are useful and are not as likely as posters to get discarded.) • Made IDDE Hotline magnets available to the public at Utility Billing, City Hall, Public Works, Parks and Recreation, and Community Development Department offices. • Distributed brochures and magnets with Hotline information at all outreach events (see BMP ID # 2.6) and to approximately 425 Corvallis students. • Added large-scale hotline graphic and number to large City field van. • Distributed magnets to all airport industrial park lessees. • Published one ‘The City’ newsletter article that included the hotline number (see BMP ID #1.5 for more information about ‘The City’ newsletter) and published a webpage about the hotline as part of the Stormwater Program website. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue distribution of hotline magnets. • Make hotline available in local phone directories and on transit bus advertisements.
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1.5	Media Releases	Distribute news releases or articles with pollution prevention/ stormwater information to local news media. Distribute at least 6 releases or articles.	Update and continue.	Update and continue.	<p>Update and continue.</p> <ul style="list-style-type: none"> • Media releases include nine press releases, three radio announcements, two paid newspaper advertisements, nine ‘The City*’ articles, and one video on public TV (EPA After the Storm video). <p>*‘The City’ is the City of Corvallis’ monthly publication which is mailed to all City addresses.</p>	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.
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1.6	Residential Pollution Prevention Program	(None for year one.)	Develop a general program and presentation materials for residential pollution prevention. Present to at least 10 groups or individuals.	Develop pollution prevention program tailored to homeowners addressing auto care, landscaping, pet waste disposal, etc. Include educational flyers. Present to at least 20 individuals or 6 groups.	<p>Provide Stormwater pollution prevention information to residents. Address auto care and use, pet waste disposal, yard care, household hazardous waste disposal. Include educational handouts. Present to at least 20 individuals or 6 groups such as neighborhood associations, garden groups, and any other residents that make a request.</p> <ul style="list-style-type: none"> • Created new “Pollution Prevention Mix and Match” activity to engage youth and families at community events. • Distributed stormwater pollution prevention information and/or answered questions/talked with people about stormwater pollution prevention at 13 community events, including four Farmers Market Booths, DaVinci Days, a Corvallis Environmental Center event, OSU Climate Masters presentation, Kids Day for Conservation event, Volunteer Expo, Natural Resource Volunteer Appreciation event, Earth Faire, Oregon State Universities Earth Week Expo, and Freshwater Trust event. • Coordinated the Dunawi Creek Tour to educate and engage people in one of Corvallis’s waterways (estimated 35 participants). • Coordinated Backyard Stormwater Management event to prompt discussion about Low Impact Development in Corvallis (estimated 45 participants). • Presented stormwater information at three neighborhood association meetings. • Made 42 stream site visits to property owners. • Convened ten public tours to facilitate public access to the Rock Creek watershed and share accomplishments, status, and plans for Corvallis Forest Stewardship Plan implementation (estimated 450 participants). 	<p>Update and continue in new areas.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.
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1.7	Municipal Employee Training Program	(None for year one.)	(None for year two.)	Initiate stormwater pollution prevention program for municipal operations. Identify key components of planning process including inventory, assessment, BMP selection and implementation.	<p>Develop program to include specific pollution prevention processes for municipal personnel. Develop training schedule, implement program.</p> <ul style="list-style-type: none"> • Worked with Public Works maintenance supervisors to re-assess 2008-2009 existing and recommended stormwater BMPs. • Inventoried and assessed seven Parks program areas and two Recreation facilities. • Assisted with City of Albany's initial municipal operation inventory efforts. • See BMP ID #6.1-6.7 for more information. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program. • See BMP ID #6.1-6.7 for more information.
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1.8	Erosion Prevention and Sediment Control Education (EPSC)	(None for year one.)	Create and distribute educational materials on erosion prevention and sediment control ordinance, permitting and BMPs for single and multiple lot development. Make available to all persons requesting building/site planning and inspection services through Comm. Dev. Dept.	Update and continue.	<p>Update and continue.</p> <ul style="list-style-type: none"> • A brochure summarizing erosion prevention and sediment control BMPs and permit requirements for ground disturbing landscaping activities was finalized and distributed. • In addition to documented site inspections, City staff had 39 documented conversations about erosion prevention with customers (owners, design professionals, contractors, etc.), as well as numerous undocumented conversations. • A web article on “Dry Weather Erosion Control: Dust Control” was authored for the Development Services web site. • Development Services staffed two informational booths to provide information about all facets of services offered by Development Services, including building code, land use planning, and erosion prevention. (Benton County Fair and Farmers Market). • City of Corvallis and City of Albany staff co-hosted four erosion prevention public outreach forums attended by 68 local designers, contractors, and citizens. The forums focused on each jurisdiction’s erosion prevention permitting and inspection program, the Corvallis EPSC ordinance, industry-standard BMPs for erosion control, and provided an opportunity for participant questions and feedback. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.
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1.9	Business Pollution Prevention Program	(None in year one.)	(None in year two.)	(None in year three.)	<p>Develop pollution prevention program tailored to business owners. Address multiple pollution prevention related issues and BMPs. Examples include proper waste disposal, equipment maintenance, landscaping, etc. Include educational handouts or booklets and certificates. Present to at least 20 business or work groups.</p> <ul style="list-style-type: none"> • Hired graduate student intern to research strategies using social marketing techniques to aid in the creation of a lawn care “Healthy Soils for Healthy Streams” program aimed at encouraging lawn care professionals to adopt practices that minimize nutrient runoff. • Distributed pet waste disposal brochures to all Corvallis veterinary clinics and animal adoption agencies that needed refills. • Designed, produced materials, and implemented ‘Pick Up After Your Pet’ pledge campaign. Partnered with four local pet stores to interact with customers about the importance of picking up after pets. 255 customer pledges to pick up after their pets were made in two months. 	<p>Update and continue in new areas.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue to implement newly piloted ‘Healthy Soils for Healthy Streams’ program to reduce nutrient runoff from local lawn care businesses. • Continue programs.
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City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)

Minimum Measure 2. Public Involvement

Year four completed activities and newly proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
2.1	Storm Drain Marking	Work with volunteers to stencil at least 100 storm drains	See BMP ID #1.2	See BMP ID #1.2	<ul style="list-style-type: none"> • See BMP ID #1.2 	<ul style="list-style-type: none"> • See BMP ID #1.2
2.2	Stormwater Pollution Prevention Door-Hangers	See BMP ID #1.3	See BMP ID #1.3	See BMP ID #1.3	<ul style="list-style-type: none"> • See BMP ID #1.3 	<ul style="list-style-type: none"> • See BMP ID #1.3
2.3	Stream Cleanup Projects	(None planned for year one.)	Develop stream cleanup/ invasive plant removal program. Purchase equipment. Work with volunteers to clean up at least two stream sections.	Continue in new areas	<p>Continue in new areas</p> <ul style="list-style-type: none"> • Hosted ten stream clean-up events with approximately 200 volunteers (874 volunteer hours). • Purchased gloves, tools and other equipment as needed. • As part of Corvallis watershed enhancement, approximately 80 acres of roadside invasive plants (False Brome) were treated, 120 trees were topped to enhance forest structure/wildlife habitat and add down wood to the forest floor, 125 acres was thinned for non-commercial forest habitat diversity promotion, and 38 acres were commercially thinned to enhance forest structure. • Approximately 14 miles of streams were cleared of debris by City staff with approximately 22.5 cubic yards of debris and material removed. 	<p>Continue in new areas.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue programs.

2.4	Tree Planting	(None planned for year one.)	(None planned for year two.)	Develop tree planting program, purchase equipment. Create letter to inform residents about program to support native tree planting along streams.	<p>Potentially distribute information about program to streamside residents. Work with volunteers to plant at least two stream sections (task completion depends on funding.)</p> <ul style="list-style-type: none"> • Provided 143 native plants to nine streamside property owners through the Riparian Re-vegetation Grant Program (now re-named the Streamside Plant Grant program). • Planted 3,000 lineal feet of riparian area on City-owned land with mixed hardwood and softwood species. • Supplied homeowners adjacent to City-owned drainageways with 47 native trees and shrubs for riparian enhancements. • Maintained plants installed for riparian erosion control (see Year 3 accomplishments). • Approximately 1,200 native plants were planted to enhance a local wetland. • 99 trees were planted in street rights of way and parks by volunteers, parks crew and individual homeowners. An additional 17 trees were planted to replace those that had been removed or died. • Hosted seven education booths/displays to provide citizens with information about landscape / tree care & planting. • Continued developing general plant lists, plant maintenance guidelines, and invasive weed removal recommendations for property owners. 	<p>Continue in new areas.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue Streamside Plant Grant Program and other initiatives.
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2.5	Adopt-A-Stream Programs	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Work with local residents and school children to adopt a stream section. Provide training on stream function and stormwater pollution prevention. Help volunteers learn what they can do to monitor and help restore streams.</p> <ul style="list-style-type: none"> • Concluded “Blue Thumb” pilot engagement project with stream property owners (see Year 3 NPDES Report for background information). Outcomes included site visits and resource dissemination to four property owners, a neighborhood stream invasive weed pull event, and two participants being awarded Streamside Plant Grants. • Applied for and was awarded an E.P.A. Environmental Education grant to use a Community Based Social Marketing approach to research, design, and pilot a Corvallis Stream Stewards Program. • Continued creating materials for Streamside Plant Grant program and awarded nine grants for native riparian plants in exchange for commitment from homeowners to install plants and maintain stream stretch. • Made 42 stream site visits to property owners to provide support regarding a variety of stream issues ranging from erosion control to invasive plants, and more. • See BMP ID #2.4 for more information. 	<p>Continue program.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Hire student intern and survey consultant to use a Community Based Social Marketing approach to begin researching, designing, and implementing a Corvallis Stream Stewards Program • Continue programs.
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2.6	Public Meetings and Exchange-Stormwater Education Booth	Host stormwater/pollution prevention booth at community event.	Update and continue.	Update and continue	<p>Update and continue. Host booth at at least one community event. Potential events include DaVinci Days, Kids Day for Conservation, or 4-H Wildlife Stewards Summit. Provide information to at least 300 people at each event. Potentially attend more events as resources allow.</p> <ul style="list-style-type: none"> • Distributed stormwater pollution prevention information and/or answered questions/talked with people about stormwater pollution prevention at 13 community events, including four Farmers Market Booths, DaVinci Days, a Corvallis Environmental Center event, OSU Climate Masters presentation, Kids Day for Conservation event, Volunteer Expo, Natural Resource Volunteer Appreciation event, Earth Faire, Oregon State Universities Earth Week Expo, and Freshwater Trust event. • Coordinated the Dunawi Creek Tour to educate and engage people in one of Corvallis’s waterways (35 participants). • Coordinated Backyard Stormwater Management event to prompt discussion about Low Impact Development in Corvallis (45 participants). • See BMP ID # 1.6 for more information. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue programs. • See BMP ID # 1.6 for more information.
2.7	Public Meetings and Exchange-Residential Pollution Prevention Program	See BMP ID #: 1.6	See BMP ID #: 1.6	See BMP ID #: 1.6	See BMP ID # 1.6	See BMP ID # 1.6

2.8	Public Meetings and Exchange-Business Pollution Prevention Program	See BMP ID #:1.9	See BMP ID #:1.9	See BMP ID #:1.9	See BMP ID # 1.9	See BMP ID # 1.9
2.9	Public Meetings and Exchange-Expand City Internet Site to include stormwater pollution prevention information	(None for year one.)	(None for year two.)	Expand City internet site to include information on stormwater pollution prevention; include volunteer opportunities.	Update and continue. <ul style="list-style-type: none"> Created new “City of Corvallis Stormwater Program” web content to include more stormwater pollution prevention resources and opportunity announcements. (Available at www.stormwater.program@ci.corvallis.or.us). 	Update and continue. Evaluate. <ul style="list-style-type: none"> Continue to update and modify as needed.
2.10	Public Meetings and Exchange-IDDE hotline	See BMP ID #:1.4	See BMP ID #:1.4	See BMP ID #:1.4	See BMP ID #:1.4	See BMP ID #:1.4

City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)

Minimum Measure 3. Illicit Discharge Detection and Elimination

Year four completed activities and newly proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
3.1	Storm Sewer Map	Develop a storm sewer map that shows the location of all outfalls and the names and locations of all streams that receive discharges from those outfalls.	Update and continue.	Update and continue.	Update and continue. <ul style="list-style-type: none"> A comprehensive storm sewer map has been created and is updated as construction and new development occurs. Updates in NPDES Year 4 include the addition of 25 catch basins, 8 cleanouts, 11 manholes, and 5 outfalls. 	Update and continue. Evaluate. <ul style="list-style-type: none"> Continue program. Collect field data to verify the location of stream outfalls in order to update City maps and records.
3.2	IDDE Ordinance	(None for year one.)	Continue enforcement of current code. Create and pass an updated IDDE ordinance to prohibit illicit discharges and connections to the municipal separate storm system.	Continue enforcement of current code. Move ordinance through public process, USC, and City Council.	Continue enforcement of current code. Move ordinance through public process, USC, and City Council. <ul style="list-style-type: none"> The IDDE Ordinance (officially named the Urban Stormwater Quality Management and Discharge Control Ordinance), has been reviewed by DEQ, City Attorney, and City staff, and has gone through an extensive public and stakeholder input process. Ordinance is slated for review and adoption by City Council in July, 2010. 	Continue enforcement of updated code. <ul style="list-style-type: none"> Pass IDDE ordinance through City Council. Adopt and enforce. Initiate internal and community outreach pertaining to new ordinance.

3.3	IDDE Database and Tracking System	Develop draft IDDE inspection method for use during dry weather outfall surveys	<p>Develop final inspection/ reporting forms and a database to track dry weather IDDE information. Associate database with storm sewer map.</p> <p>Develop spreadsheet record of spill events and response activities</p>	Update and continue.	<p>Update as needed and continue. Provide electronic version of inspection/reporting form to staff who respond to IDDE related calls. Enter spill event and response data into IDDE database.</p> <ul style="list-style-type: none"> • The Public Works inspection/ reporting form was made available to other departments who receive notice of spill events. • Continued to enter spill event and response data into IDDE database. • Twenty-three reported illicit discharges, not detected through routine dry weather outfall surveys, were investigated and addressed during this reporting cycle (database available upon request). 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue program.
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3.4	Dry Weather Outfall Surveys	Conduct dry weather outfall surveys to identify illicit discharges or connections. Perform on 20 percent of outfalls.	Update and continue in new areas. Enter outfall survey information into GIS/IDDE data system. Follow up on any illicit discharges found	Update and continue in new areas.	Update and continue in new areas. Conduct dry weather outfall survey during summer 2009. Inspect at least 50 outfalls distributed over at least 3 different stream areas. Enter any illicit discharges found through the survey into the GIS/IDDE map system. Follow up on any illicit discharges or connections found. <ul style="list-style-type: none"> • At least 90% of piped outfalls were surveyed by seasonal employees during routine creek maintenance season. No illicit discharges were detected as part of this process. 	Update and continue in new areas. Evaluate. <ul style="list-style-type: none"> • Continue programs.
3.5	Storm Drain Marking	See BMP ID #1.2	See BMP ID #1.2	See BMP ID #1.2	See BMP ID #1.2	See BMP ID #1.2 Evaluate
3.6	IDDE Door-Hangers	See BMP ID #1.3	See BMP ID #1.3	See BMP ID #1.3	See BMP ID #1.3	See BMP ID #1.3 Evaluate.
3.7	IDDE Hotline	See BMP ID #1.4	See BMP ID #1.4	See BMP ID #1.4	See BMP ID #1.4	See BMP ID #1.4 Evaluate

3.8	Residential IDDE Program	Create a general information sheet and presentation to inform residents about the IDDE program. Provide background info on water pollution, what an illegal discharge or connection is, examples of illegal discharges, and methods to properly dispose of wastes. Present to at least 20 individuals or groups.	Update and continue in new areas. Combine IDDE Education Program with Residential Pollution Prevention Program.	Update and continue in new areas. Combine IDDE Education Program with Residential Pollution Prevention Program.	Update and continue in new areas. Combine IDDE Education Program with Residential Pollution Prevention Program. See BMP ID # 1.4 & # 1.6	Update and continue in new areas. Evaluate. See BMP ID # 1.4 & # 1.6
3.9	Business IDDE Program	(None for year one.)	Create a general handout and presentation to inform businesses about IDDE program	Update and continue in new areas. Develop and distribute IDDE handout to different types of businesses.	Update and continue in new areas. Develop more specific types of information and provide for businesses. Combine with Business Pollution Prevention Program. See BMP ID # 1.9	Update and continue in new areas. Evaluate. See BMP ID # 1.9

3.10	Municipal Operation Stormwater Pollution Prevention BMP Implementa tion	See BMP ID # 6.1-6.7	See BMP ID # 6.1-6.7	See BMP ID # 6.1-6.7	See BMP ID # 6.1-6.7	Update and continue. See BMP ID # 6.1-6.7
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City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)
Minimum Measure 4. Erosion Prevention and Sediment Control

Year four completed activities and proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
4.1	EPSC Ordinance	Develop draft EPSC ordinance.	Edit EPSC ordinance as needed; obtain approval of City Council. (Done.)	Continue to enforce.	Work with Community Development staff on updating current ordinance. <ul style="list-style-type: none"> • No changes were identified to be made to the EPSC ordinance, adopted as Corvallis Municipal Code Chapter 9.03 in 2004. • Investigated 14 reported violations of the EPSC ordinance. 11 of these violations were for work without the required EPSC permit and/or lack of erosion measures, and were resolved. As of June 30, 2010, resolution was still pending on one violation for work without the required EPSC permit and one violation for lack of erosion measures, and preliminary investigation was underway into one violation for lack of erosion measures. 	Update and continue. Evaluate. <ul style="list-style-type: none"> • Continue enforcing EPSC ordinance and update as needed.

4.2	EPSC Manual	Develop draft EPSC manual.	Edit EPSC manual as needed. Distribute to construction community and appropriate municipal staff.	Community Development Department will continue to refer to and distribute.	Community Development Department will continue to refer to and distribute. <ul style="list-style-type: none"> No changes have been made to the manual since the May 2009 revisions. The manual is still available in printed form from the Development Services front counter in City Hall or on-line in electronic PDF form at the Erosion Prevention and Sediment Control section of the City's web site. All applicants are notified of the manual and are encouraged to read it before submitting their application. 	Update and continue. Evaluate. <ul style="list-style-type: none"> Continue program. Make manual updates if/when needed.
4.3	EPSC BMP Fact Sheets	(None planned for year one.)	Create and distribute fact sheets that describe construction site pollution prevention BMPs. Include in manual.	Update and continue.	Work with Community Dev. Dept. construction site/erosion permitting staff to create handouts with basic BMP and erosion control information. <ul style="list-style-type: none"> A brochure summarizing erosion prevention and sediment control Best Management Practices and permit requirements for ground disturbing landscaping activities was finalized and made available to the public on-line, at the Development Services Front Counter, included with plan review response letters as necessary, distributed during pre-development meetings, and distributed during on-site field discussions by inspection staff. 	Update and continue. Evaluate. <ul style="list-style-type: none"> Continue to distribute handouts and update as needed.

4.4	Erosion Prevention and Sediment Control Education	(None planned for year one.)	Create and distribute educational materials on erosion prevention and sediment control ordinance, permitting and BMPs for single and multiple lot development. Provide to municipal staff and the construction community. Make available to all persons requesting building/site planning and inspection services through the City's Community Development Department.	Update and continue.	Update and continue. Personnel in the Comm. Dev. Dept. will handle most of this outreach, though I will provide some support) See BMP ID #1.8	Update and continue. Evaluate. See BMP ID #1.8
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4.5	EPSC Permitting and Inspection Program	(None planned for year one.)	Identify inspection and permitting protocol for construction site pollution prevention. Apply to applicants and sites. Develop and initiate related inspection procedure.	Update and continue. Document software used during permitting and inspections.	<p>Continue to communicate with Comm. Dev. Dept construction site/erosion inspector; note any changes to procedures.</p> <ul style="list-style-type: none"> • 83 new EPSC permits were issued. 1037 EPSC inspections were conducted on 126 different sites. 219 of the 1037 EPSC inspections resulted in a requirement for corrective action. • All EPSC permits, inspections, and enforcement action are electronically documented in the City's permit tracking database by address and case number. Information entered into the database is available to the public at www.corvallispermits.com. 	<p>Update and continue. Evaluate.</p> <ul style="list-style-type: none"> • Continue to implement inspection, enforcement, and permitting protocol.
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4.6	Record Keeping	(None planned for year one.)	(None planned for year two.)	Develop and implement EPSC record keeping procedure for permitting, BMP inspections, and workshop training programs. (Comm.. Dev. Dept. has primary responsibility.)	<p>Update as needed and continue. Transfer any illicit discharge violation data into IDDE database. Record information on what workshop training programs have been sponsored by Comm. Dev. Dept.</p> <ul style="list-style-type: none"> • All EPSC permits, inspections, and enforcement actions are electronically documented in the City’s permit tracking database by address and case number. Information entered into the database is available to the public at www.corvallispermits.com. • Trainings, meetings, and one-on-one discussions about EPSC are documented on staff electronic calendars. • EPSC illicit discharge violation data is imported into IDDE database annually. 	<p>Update and continue.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> • Continue to implement record keeping procedures.
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City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)

Minimum Measure 5. Post-construction Runoff Control

Year four completed activities and newly proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
5.1	Post-Construction Runoff Criteria and Standards	Review existing development criteria and standards	Gather technical information on post-construction stormwater management.	Initiate review and development of draft criteria and standards for post-construction stormwater management structural BMPs	<p>Complete review and development of draft criteria and standards for post-construction stormwater management structural BMPs.</p> <p>The 2006 City of Corvallis Land Development Code includes requirements for the installation of post-construction stormwater management structural BMPs for stormwater detention and water quality. These requirements apply to new development proposals, expansions, and redevelopment meeting specific thresholds for additional or redeveloped impervious area. Design and maintenance criteria for these BMPs are specified in the City of Corvallis Design Criteria Manual, as amended by the September 2002 Stormwater Master Plan. The Design Criteria Manual adopts the King County, Washington Surface Water Design Manual for type, physical design, and maintenance criteria for detention and water quality facilities. Detention facilities must be designed to capture runoff so the runoff rates from the site after development do not exceed the pre-developed conditions, based on the 2-year through 10-year, 24-hour design storms. Water quality facilities must be designed to remove 70 percent of the total suspended solids entering the facility during the water quality design storm (2/3 of the 2-year, 24-hour storm). Code sections and standards referenced above are available upon request.</p>	<p>Implement applicable post-construction stormwater management criteria and standards.</p> <p>Evaluate.</p> <ul style="list-style-type: none"> Continue to enforce stormwater management standards outlined in Corvallis 2006 Land Development Code.

5.2	Post-construction Runoff Regulatory Mechanisms	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	(None planned for year four.)	Develop and implement a regulatory mechanism for maintenance of post-construction stormwater management structural BMPs.
5.3	Post-Construction Runoff Control and BMP Education	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	(None planned for year four.)	Create educational materials on post-construction runoff controls, BMPs, and regulatory mechanisms. Make available to municipal staff and the development/construction community.

5.4	Permitting and Inspection Program	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Conduct an inventory of structural BMPs located within the City.</p> <ul style="list-style-type: none"> • A map of above-ground City managed (or slated to be City managed) existing stormwater detention and water quality facilities has been created to aid in management of facilities and is updated as development occurs. • Private detention and water quality facilities are permitted through Development Services Division, and reviewed in accordance with the standards identified above (see BMP ID #5.1). Facilities are inspected to ensure they are initially constructed and vegetated per the approved plans. Vegetation is inspected again 3-years after planting to confirm plant survival. Regular inspections to verify private facilities are properly maintained to ensure their functionality are not currently conducted. 	Create draft operations and maintenance inspection criteria for structural BMPs.
5.5	Record Keeping	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>(None planned for year four.)</p> <ul style="list-style-type: none"> • City managed (or slated to be City managed) existing stormwater detention and water quality facilities are recorded in a GIS database. The stormwater data management system continues to improve. Examples from this reporting cycle include efforts to map historical water quality facilities such as underground detention facilities and catch basins with oil water separators. 	<p>Develop and implement a post-construction project and BMP record keeping procedure.</p> <ul style="list-style-type: none"> • Continue existing record-keeping procedures. • Add additional layers to GIS database to track additional stormwater facilities (i.e. those located underground, etc) as appropriate.

5.6	Post Construction Runoff Management Through Non-Structural BMPs	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Coordinate with Community Development Department to review post-construction stormwater management through non-structural BMPs.</p> <ul style="list-style-type: none"> • The City of Corvallis Comprehensive Plan identifies numerous findings and policies designed to protect and enhance local natural resources. Areas are designated for zoned development and open space conservation within the Urban Growth Boundary and to meet statewide planning goals and guidelines. • The City of Corvallis Land Development Code, effective December 31, 2006, implements the policies contained in the Comprehensive Plan, and includes a number of non-structural BMP's to reduce post-construction impacts on the landscape. These include: <ol style="list-style-type: none"> 1. Limitations on development in floodway and floodplain areas. 2. Limitations on development in sloped hillside areas. 3. Limitations on development in areas containing significant vegetation. 4. Required setbacks from riparian corridors and wetlands. 5. Lot coverage standards to ensure a minimum amount of green area (as defined in the 2006 Corvallis Land Development Code). 	<p>Coordinate with Community Development Department to design methods to incorporate post-construction stormwater management non-structural BMPs into development process.</p> <ul style="list-style-type: none"> • Continue to implement non-structural BMPs as outlined in Corvallis Comprehensive Plan.
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City of Corvallis NPDES Year Four Annual Compliance Report (July 1, 2009-June 31, 2010)
Minimum Measure 6. Pollution Prevention/Good Housekeeping for Municipal Operations

Year four completed activities and newly proposed year five goals are in bold.

BMP ID #	Activities	Year 1	Year 2	Year 3	Year 4	Year 5
6.1	Municipal Operations Stormwater Pollution Prevention Training	(None planned for year one.)	(None planned for year two.)	Initiate stormwater pollution prevention program for municipal operations. Identify key components of planning process including inventory, assessment, BMP selection and implementation.	Update and continue. <ul style="list-style-type: none"> • Seven Parks (Urban Forestry, Facilities, Sports Fields, Volunteers, Landscaping, Natural Areas, and Trees) and two Recreation Program Areas (Aquatic Center and Senior Center) were inventoried and assessed for pollution prevention BMPs. A report was written (and is available upon request) highlighting existing and recommended stormwater BMPs in areas such as fertilizer and chemical applications, vehicle and equipment maintenance and storage, product purchase choices, storage, transportation, and disposal options, etc. • Worked with Public Works maintenance supervisors to re-assess 2008-2009 existing and recommended BMPs. • City staff attended 12 stormwater-related trainings, which cost a total of \$3,685. • See BMP ID# 6.5 for more information. 	Update and continue. Evaluate. <ul style="list-style-type: none"> • BMP training with Parks staff scheduled for July, 2010. • Work with Parks supervisors to re-assess 2009-2010 existing and recommended BMPs. • Initiate BMP inventory, assessment, and training program with City Fire Department.

6.2	Inventory Fixed Facilities and Field Program Activities	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Meet with managers and lead staff of all municipal departments to conduct preliminary interviews. Develop inventory collection forms for fixed facilities and field program activities. Inventory fixed facilities and field programs for pollution generating activities.</p> <ul style="list-style-type: none"> • General fixed facility and field program inventory/inspection/assessment forms have been created to evaluate pollution discharge potential and both existing and recommended BMPs. In addition, more department-specific information is collected based on interviews with managers and lead staff, and from tours of facilities. Process is underway with Public Works and Parks and Recreation departments. • Continued inventory and assessment of fixed facilities and field programs with Parks and Recreation Department. See BMP ID #6.1. <p>*See Year 4 request for minor modification, attachment A.</p>	<p>Update and continue. Evaluate.</p> <ul style="list-style-type: none"> • Work with Parks supervisors to re-assess 2009-2010 existing and recommended BMPs • Initiate BMP inventory, assessment, and training program with City Fire Department.
6.3	BMP Fact Sheets	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Gather information. Create fact sheets that describe source control and treatment control BMPs.</p> <ul style="list-style-type: none"> • Inventory and assessment documentation for Parks and Recreation, as well as Public Works field work groups, highlight crew-specific source control and treatment control BMPs. 	<p>Update and continue. Evaluate.</p> <ul style="list-style-type: none"> • Initiate BMP inventory, assessment, and training program with City Fire Department.
6.4	Inspection and Assessment of Fixed Facilities, Field Programs and BMPs	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Develop Training Schedule. Create inspection/assessment forms for fixed facilities and field program BMPs. Use to evaluate pollutant discharge potential. Base on information from managers, lead staff and from touring facilities and programs.</p> <ul style="list-style-type: none"> • See BMP ID #6.1 & 6.2 	<p>Update and continue. Evaluate.</p> <ul style="list-style-type: none"> • See BMP ID# 6.1 & 6.2

6.5	Municipal Operations Stormwater Pollution Prevention Training and BMP Implementation	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	<p>Train staff. Meet with municipal staff members in teams according to department and job duty. Identify BMPs already in place and additional BMPs needed. Continue to implement Stormwater BMPs already in place. Implement additional BMPs as resources allow. Train municipal staff on how to identify and report illegal discharges of pollutants into the Stormwater system when they are on the job and/or driving around the city.</p> <ul style="list-style-type: none"> • See BMP ID #6.1 through BMP ID #6.4. • BMP training with Parks staff scheduled for July, 2010. Training will be based on completed field and fixed facility staff interviews and inventory and assessment of current and recommended BMPs. Park Department currently follows a ‘Corvallis Parks and Natural Areas Sustainable Operations Plan’ and a ‘City of Corvallis Integrated Vegetation and Pest Management Plan’ that outlines many currently practiced stormwater pollution prevention BMPs (documents available upon request). • Worked with Public Works maintenance supervisors to re-assess 2008-2009 existing and recommended BMPs. Public Works crews continue to implement BMPs already in place and have adopted new BMPs. Examples of ongoing BMPs include: <ol style="list-style-type: none"> 1. 4,831 cubic yards of material collected through street sweeping program 2. 2,591 cubic yards of leaves collected through seasonal leaf collection program 3. Annual catch basin cleaning schedule that resulted in approximately 1,530 catch basins cleaned and approximately 51 yards of debris collected 4. Ongoing maintenance of storm water facilities resulting in approximately 37 storm pipeline repairs, 9 catch basin repairs, 22 catch basin replacements, 13,337 lineal feet of storm line inspected via CCTV, and 4,100 lineal feet of storm pipes cleaned. 5. 316 staff hours spent on 114 preventative work order maintenance activities at 7 wastewater lift stations. These are proactive measures taken to ensure continuous operation and prevent wastewater overflows. In addition, one major upgrade/replacement was done on a Sewer Lift Station. 	<p>Update and continue.</p> <ul style="list-style-type: none"> • See BMP ID #6.1 through BMP ID #6.4. • As identified by the inventory and assessment process, a major Parks maintenance facility is slated to be disconnected from the storm system and connected to the sanitary system to reduce the potential for stormwater pollutants.
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6.5 Conti.	Municipal Operations Stormwater Pollution Prevention Training and BMP Implementation	See above (conti.)	See above (conti.)	See above (conti.)	<ul style="list-style-type: none"> • Examples of improved practices as a result of the inventory/assessment/training process include: 1. Reduced chemical use on facility landscapes. 2. Purchase of vacuum system to prevent street saw cutting slurry from entering the storm system. 3. Coordination of curb pressure washing activities and sidewalk/streetscape maintenance with street cleaning activities. 4. City custodial services continue to use 90% certified ‘green’ cleaning products. 	See above (conti.)
6.6	Record Keeping	(None planned for year one.)	(None planned for year two.)	(None planned for year three.)	Develop and implement BMP record keeping procedure for both staff training and BMP inspection. <ul style="list-style-type: none"> • Record keeping procedures for BMP inspection and staff training have been initiated based on assessment and training of Public Works crews and continued with Parks and Recreation staff/facilities. 	Evaluate. <ul style="list-style-type: none"> • Continue to implement record keeping procedures.