

I. Permittee Information	
Permittee Name Cowlitz County	Permittee Coverage Number WAR04-5024
Contact Name Patrick Harbison	Phone Number 360-577-3030
Mailing Address 1600 13th Ave. S.	
City Kelso	State Zip + 4 Wa 98626-2851
Email Address harbisonp@co.cowlitz.wa.us	

II. Regulated Small MS4 Location							
Jurisdiction County	Entity Type: Check the box that applies						
	<table border="1"> <thead> <tr> <th>County</th> <th>City/Town</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>	County	City/Town	Other	X		
County	City/Town	Other					
X							
Major Receiving Water(s) Cowlitz, Columbia							

III. Relying on another Governmental Entity	
<p>If you are relying on another governmental entity to satisfy one or more of the permit obligations, list the entity and briefly describe the permit obligation(s) they are implementing on your behalf below. <i>Attach a copy of your agreement with the other entity to provide additional detail.</i></p>	
Name of Entity:	Permit Obligation(s):

IV. Certification

All annual reports must be signed and certified by the responsible official(s) of permittee or co-permittees. Please print and sign this page of the reporting form and mail it (with an original signature) to Ecology at the address noted below. An electronic signature will not suffice.

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering 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 willful violations.

Name _____ Title _____ Date _____

PLEASE indicate reporting year and your jurisdiction in Line 1, above.

PLEASE refer to the INSTRUCTIONS tab for assistance filling out this table.

NOTE: For clarification on how to answer questions, place cursor over cells with red flags.

NOTE: Please answer all questions.

PLEASE review your work for completeness and accuracy. Save this worksheet as you go!

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, <u>if applicable</u>
1.	Attached annual written update of Permittee's Stormwater Management Program (SWMP), including applicable requirements under S5.A.2 and S9?	Y			Cowlitz County Phase II Municipal SWMP (March 2012)
2.	Attached a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period, and implications for the SWMP as per S9.E.3?	N/A		No known annexations, incorporations or boundary changes took place within the permit area in 2011.	
3.	Implemented an ongoing program for gathering, tracking, maintaining, and using information to evaluate SWMP development, implementation and permit compliance and to set priorities? (S5.A.3)	Y		Cowlitz County is using computer software to track and manage development and implementation of the Stormwater Management Program	
4.	Began tracking costs or estimated costs of the development and implementation of the SWMP? (<i>Required</i> no later than January 1, 2009, S5.A.3.a)	Y		Cowlitz County is currently tracking staff time and consultant costs required to develop and implement the Cowlitz County Stormwater Program.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
5.	SWMP includes an education program aimed at residents, businesses, industries, elected officials, policy makers, planning staff and other employees of the Permittee? (<i>Required to begin</i> by February 15, 2009, S5.C.1)	Y		Cowlitz County, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, are developing and distributing educational materials and participating in educational meetings and events.	
6.	Distributed appropriate information to target audiences identified in the area served by the MS4? (<i>Required to begin</i> by February 15, 2009, S5.C.1.a)	Y		Cowlitz County, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, are developing and distributing educational materials based upon feedback from a survey of target audiences regarding stormwater knowledge and behaviors.	
7.	Tracked the types of public education and outreach activities implemented. (<i>Required to begin</i> by February 15, 2009, S5.C.1.c)	Y		Cowlitz County is using computer software to track educational and outreach activities.	
7b.	Number of activities implemented:		2		
8.	Measured the understanding and adoption of the targeted behaviors among at least one targeted audience in at least one subject area. (<i>Required to begin</i> by February 15, 2009, S5.C.1.b)	Y		Cowlitz County, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, commissioned a survey of target audiences regarding stormwater knowledge and behaviors to direct and prioritize educational efforts.	Copy of "Stormwater Market Research Report - December 2010" was attached with the 2010 annual report.
9.	Provided opportunities for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP? (<i>Required</i> by February 15, 2008, S5.C.2.a)	Y		Cowlitz County approved Resolution No. 08-012 on February 5, 2008 establishing a Stormwater Advisory Committee. The Committee meets regularly to discuss and provide feedback regarding implementation of the Stormwater Management Program.	Resolution forming Advisory Committee submitted with 2007 Annual Report

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
10.	Developed and implemented a process for public involvement and consideration of public comments on the SWMP? (<i>Required</i> by February 15, 2008, S5.C.2.a)	Y		Cowlitz County approved Resolution No. 08-012 on February 5, 2008 establishing a Stormwater Advisory Committee. The Committee meets regularly to discuss and provide feedback regarding implementation of the Stormwater Management Program.	Resolution forming Advisory Committee submitted with 2007 Annual Report
11.	Made the most current version of the SWMP available to the public. (S5.C.2.b)	Y		Cowlitz County Phase II Permit Stormwater Management Program is posted on the Department of Public Works stormwater website.	
12.	Posted the SWMP and latest annual report on your website. (S5.C.2.b)	Y		Cowlitz County Phase II Permit Stormwater Management Program and latest Annual Report is posted on County's stormwater website.	
12b.	NOTE website address in <i>Attachment</i> field:	Y			http://www.co.cowlitz.wa.us/publicworks/Stormwater/Stormwater.html
13.	Initiated or implemented an ongoing program to detect and remove illicit connections and illegal discharges into the Permittee's MS4? (<i>Required</i> August 19, 2011, S5.C.3)	N		Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
14.	Developed and currently maintain a map of your MS4? (<i>Required</i> by February 16, 2011, S5.C.3.a)	N		Cowlitz County completed mapping of the MS4 within the unincorporated Kelso/Longview Urbanized Area in September 2011.	
14b.	Initiated a program to develop and maintain a map of all connections to the MS4 authorized or allowed by the Permittee after the Permit effective date? (S5.C.3.a.ii)	Y		Cowlitz County Department of Public Works has a draft map showing known MS4 infrastructure and the map will be updated as acquired.	Copy of Cowlitz County's NPDES Phase II Outfall and Basin Map sent with 2007 Annual Report.

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
15.	Map shows the location of all known municipal separate storm sewer outfalls, receiving waters and structural stormwater BMPs owned, operated, or maintained by the Permittee? (<i>Required</i> by February 16, 2011, S5.C.3.a.i)	N		Cowlitz County completed mapping of the MS4 within the unincorporated Kelso/Longview Urbanized Area in September 2011.	
16.	Map shows all storm sewer outfalls with a 24 inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems and includes tributary conveyances, associated drainage areas and land use? (<i>Required</i> by February 16, 2011, S5.C.3.a.i)	N		Cowlitz County completed mapping of the MS4 within the unincorporated Kelso/Longview Urbanized Area in September 2011.	
17.	Map shows geographic areas served by the Permittee's MS4 that do not discharge stormwater to surface waters? (<i>Required</i> by February 16, 2011, S5.C.3.a.iii)	N		Cowlitz County completed mapping of the MS4 within the unincorporated Kelso/Longview Urbanized Area in September 2011.	
18.	Map has been made available upon request? (S5.C.3.a.iv)	Y		The most updated map available will be provided as requested.	
19.	Developed and implemented regulatory actions necessary to effectively prohibit non-stormwater, illicit discharges into the Permittee's MS4? (<i>Required</i> by August 15, 2009, S5.C.3.b)	Y		Cowlitz County approved Ordinance No. 09-137 on August 25, 2009, governing illicit discharges and connections into the County's MS4 infrastructure.	Copy of Cowlitz County Ordinance No. 09-137 regarding illicit discharge detection and elimination submitted with 2009 Annual Report.
20.	Developed and implemented an ongoing program to detect and address non-stormwater illicit discharges, including spills, and illicit connections into the Permittee's MS4? (<i>Required</i> by August 19, 2011, S5.C.3.c)	N		Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
21.	Developed procedures for locating priority areas likely to have illicit discharges, including at a minimum: evaluating land uses and associated business/industrial activities present; areas where complaints have been registered in the past; and areas with storage of large quantities of materials that could result in illicit discharges, including spills? (<i>Required</i> by August 19, 2011, S5.C.3.c.i)	N		Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
22.	Implemented field assessment activities, including visual inspection of priority outfalls identified during dry weather, and for the purposes of verifying outfall locations, identifying previously unknown outfalls, and detecting illicit discharges. (<i>Required</i> by August 19, 2011, S5.C.3.c.ii)	Y			
23.	Prioritized receiving waters for visual inspection? (<i>Required</i> by February 16, 2010, S5.C.3.c.ii)	Y			
24.	Conducted field assessments for three high priority water bodies? (<i>Required</i> by February 16, 2011, S5.C.3.c.ii)	N		Cowlitz County conducted Field Assessments for three high priority water bodies in July 2011.	
25.	Conducted field assessments on at least one high priority water body? (<i>Required</i> annually after February 16, 2011, S5.C.3.c.ii)	Y			

Question	Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
26.	Developed and implemented procedures for characterizing the nature of, and potential public or environmental threat posed by, any illicit discharges found by or reported to the Permittee? (<i>Required</i> by August 19, 2011, S5.C.3.c.iii)	N	Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
27.	Developed and implemented procedures for tracing the source of an illicit discharge; including visual inspections, and when necessary, opening manholes, using mobile cameras, collecting and analyzing water samples, and/or other detailed inspection procedures? (<i>Required</i> by August 19, 2011, S5.C.3.c.iv)	N	Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
28.	Developed and implemented procedures for removing the source of the discharge, including notification of appropriate authorities; notification of the property owner; technical assistance for eliminating the discharge; follow-up inspections; and escalating enforcement and legal actions if the discharge is not eliminated? (<i>Required</i> by August 19, 2011, S5.C.3.c.v.)	N	Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
29.	Informed public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste? (<i>Required</i> by August 19, 2011, S5.C.3.d)	Y	Cowlitz County Department of Public Works, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, are developing and distributing educational materials based upon feedback from a survey of target audiences regarding stormwater knowledge and behaviors.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
30.	Distributed appropriate information to target audiences identified pursuant to S5.C.1? <i>(Required by August 19, 2011, S5.C.3.d.i)</i>	Y		Cowlitz County Department of Public Works, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, are developing and distributing educational materials based	
31.	Publicized a hotline or other local telephone number for public reporting of spills and other illicit discharges? <i>(Required by February 15, 2009, S5.C.3.d.ii)</i>	Y		Cowlitz County Department of Public Works phone number and the hotline phone number are printed on educational materials and brochures. These phone numbers are also made available on the Department of Public Works stormwater web page.	
31b.	Number of hotline calls received:		1		
31c.	Number of follow-up actions taken in response to calls:		1		
32	Maintained a hotline or other reporting number for public reporting of illicit discharges, including spills? <i>(Required by February 15, 2009, S5.C.3.d.ii)</i>	Y			
32b.	NOTE hotline number in <i>Comments</i> field	y		360-577-3030 OR 360-578-0900	
33	Tracked the number of illicit discharges, including spills, identified? <i>(Required by August 19, 2011, S5.C.3.e)</i>	Y		Cowlitz County Department of Public Works is using computer software to track illicit discharge reports and followup activities.	
33b.	Number of illicit discharges identified:		0		
34	Tracked the number of inspections made for illicit connections? <i>(Required by August 19, 2011, S5.C.3.e)</i>	N		Cowlitz County's Illicit Discharge Detection and Elimination Program was implemented in November 2011.	
34b.	Number of inspections:		0		
35	Received feedback from IDDE public education efforts? <i>(Required by August 19, 2011, S5.C.3.e)</i>	Y		Cowlitz County Department of Public Works, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, commissioned two surveys of target audiences regarding stormwater knowledge and behaviors. The first survey is being used to direct and prioritize educational efforts. The second survey (feedback) was conducted in the summer of 2010.	Copy of "Stormwater Market Research Report - December 2010" was attached with the 2010 annual report.

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
36	Attached report on IDDE public education efforts? (<i>Required</i> by August 19, 2011, S5.C.3.d, S5.C.3.e)	Y		Cowlitz County Department of Public Works, coordinating regionally with the Consolidated Diking Improvement District No. 1 and with the Cities of Longview and Kelso, commissioned two surveys of target audiences regarding stormwater knowledge and behaviors. The first survey is being used to direct and prioritize educational efforts. The second survey (feedback) was conducted in the summer of 2010.	Copy of "Stormwater Market Research Report - December 2010" was attached with the 2010 annual report.
37	Municipal field staff responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, improper disposal and illicit connections are trained to conduct these activities? (<i>Required</i> by August 15, 2009, S5.C.3.f.i)	Y			
37b.	Number of trainings provided:		1		
37c.	Number of staff trained:		1		
38	Provided follow-up training as needed to address changes in procedures, techniques or requirements? (<i>Required</i> by August 15, 2009, S5.C.3.f.i)	Y			
38b.	Number of trainings provided:		1		
38c.	Number of staff trained:		4		

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
39	Developed and implemented an ongoing training program on the identification of an illicit discharge/connection, and on the proper procedures for reporting and responding to the illicit discharge/ connection for all municipal field staff, which, as part of their normal job responsibilities, might come into contact with or otherwise observe an illicit discharge or illicit connection to the storm sewer system? <i>(Required by February 16, 2010, S5.C.3.f.ii.)</i>	N		Cowlitz County's Stormwater Management Program Training Program was implemented in January 2012.	
39b.	Number of trainings provided:		0		
39c.	Number of staff trained:		0		
40	Developed, implemented and enforced a program to reduce pollutants in stormwater runoff to a regulated small MS4 from new development, redevelopment and construction site activities? <i>(Required by February 16, 2010, S5.C.4)</i>	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
41	Applied stormwater runoff program to all sites that disturb a land area 1 acre or greater, including projects less than one acre that are part of a larger common plan of the development or sale? <i>(Required by February 16, 2010, S5.C.4)</i>	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
42	Applied stormwater runoff program to private and public development, including roads? <i>(Required by February 16, 2010, S5.C.4)</i>	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
43	Applied the Technical Thresholds in Appendix 1 to all sites 1 acre or greater, including projects less than one acre that are part of a larger common plan of the development or sale? (<i>Required</i> by February 16, 2010, S5.C.4)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
44	Adopted and implemented regulatory mechanism (such as an ordinance) necessary to address run-off from new development, redevelopment and construction site activities? (<i>Required</i> by February 16, 2010, S5.C.4.a)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
45	Retained existing local requirements to apply stormwater controls at smaller sites or at lower thresholds than required pursuant to S5.C.4? (S5.A.4)	Y			
46	The ordinance or other enforceable mechanism includes the minimum requirements, technical thresholds, and definitions in Appendix 1 (or an equivalent approved by Ecology under the NPDES Phase I Municipal Stormwater Permit) for new development, redevelopment, and construction sites? (<i>Required</i> by February 16, 2010, S5.C.4.a.i)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
47	The ordinance or other enforceable mechanism includes exceptions and variance criteria equivalent to those in Appendix 1? (<i>Required</i> by February 16, 2010, S5.C.4.a.i., and Section 6 of Appendix 1)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
48	Were exceptions or variances to the minimum requirements in Appendix 1 granted? (Required by February 16, 2010, S5.C.4.a.i., and Section 6 of Appendix 1)	N		No applications were received for review in 2011 after implementation of the Cowlitz County's Stormwater Drainage Ordinance in October 2011.	
48b.	If so, how many were granted?		0		
49	The ordinance or other enforceable mechanism includes a site planning process and BMP selection and design criteria that, when used to implement the minimum requirements in Appendix 1 (or equivalent approved by Ecology under the Phase I Permit) will protect water quality, reduce the discharge of pollutants to the maximum extent practicable and satisfy the State requirement under Chapter 90.48 RCW to apply all known, available and reasonable methods of prevention, control and treatment (AKART) prior to discharge? (Required by February 16, 2010, S5.C.4.a.ii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
49b.	Cite documentation to meet this requirement in Attachment field:	Y			Cowlitz County Stormwater Drainage Manual; September 2011
50	The ordinance or other enforceable mechanism provides the legal authority, through the approval process for new development, to inspect private stormwater facilities that discharge to the Permittee's MS4? (Required by February 16, 2010, S5.C.4.a.iii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
51	The ordinance or other enforceable mechanism allows non-structural preventive actions and source reduction approaches such as Low Impact Development (LID) Techniques to minimize the creation of impervious surfaces and minimize the disturbance of native soils and vegetation? (<i>Required</i> by February 16, 2010, S5.C.4.a.iv)	Y			
52	If the ordinance or regulatory mechanism allows construction sites to apply the Erosivity Waiver in Appendix 1, Minimum Requirement #2, does it include appropriate, escalating enforcement sanctions for construction sites that provide notice to the Permittee of their intention to apply the waiver but do not meet the requirements (including timeframe restrictions, limits on activities that result in non-stormwater discharges, and implementation of appropriate BMPs to prevent violations of water quality standards) to qualify for the waiver? (If waiver is allowed, the qualification is <i>required</i> by February 16, 2010, S5.C.4.a.v)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
53	Developed and implemented a permitting process to address runoff from new development, redevelopment and construction site activities with plan review, inspection, and enforcement capability? (<i>Required</i> by February 16, 2010, S5.C.4.b)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
54	Applied permitting process to all sites that disturb a land area 1 acre or greater, including projects less than one acre that are part of a larger common plan of the development or sale? (<i>Required</i> by February 16, 2010, S5.C.4.b)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
55	Reviewed Stormwater Site Plans for new development and redevelopment projects? (<i>Required</i> by February 16, 2010, S5.C.4.b.i)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
55b.	Number of site plans reviewed during the reporting period:		0	No applications were received for review in 2011 after implementation of the Cowlitz County's Stormwater Drainage Ordinance in October 2011.	
56	Inspected, prior to clearing and construction, all known development sites that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 Determining Construction Site Sediment Potential? (<i>Required</i> by February 16, 2010, S5.C.4.b.ii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
56b.	Number of qualifying sites inspected prior to clearing and construction during the reporting period:		0	No applications were received for review in 2011 after implementation of the Cowlitz County's Stormwater Drainage Ordinance in October 2011.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
57	Inspected construction-phase stormwater controls at all known permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls? (<i>Required</i> by February 16, 2010, S5.C.4.b.iii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	
57b.	Number of sites inspected during the construction phase for the reporting period:		0		
58	Enforced as necessary based on the inspection at new development and redevelopment projects? (<i>Required</i> by February 16, 2010, S5.C.4.b.iii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	
58b.	Number of enforcement actions taken during the reporting period:		0		
59	Inspected qualifying permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater controls such as stormwater facilities and structural BMPs? (<i>Required</i> by February 16, 2010, S5.C.4.b.iv and v)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	
59b.	Number of qualifying sites known during the reporting period:		0		
59c.	Number of qualifying sites inspected during the reporting period:		0		
60	Verified a maintenance plan is completed and responsibility for maintenance is assigned for qualifying projects? (<i>Required</i> by February 16, 2010, S5.C.4.b.iv)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
61	Enforced regulations as necessary based on the inspection? (<i>Required</i> by February 16, 2010, S5.C.4.b.iv)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	
61b.	Number of enforcement actions taken during the reporting period:		0		
62	Developed and implemented an enforcement strategy to respond to issues of non-compliance with the regulations for qualifying projects? (<i>Required</i> by February 16, 2010, S5.C.4.b.vi)	N		Cowlitz County created a Inspection and Enforcement Manual for Stormwater and Conveyance Facilities Regulated by Cowlitz County's Stormwater Drainage Ordinance in December 2011	
63	Did the Permittee choose to allow construction sites to apply the Erosivity Waiver in Appendix 1, Minimum Requirement #2? (S5.C.4.b.vii)	Y		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
63b.	If yes, how many waivers were allowed ?		0		
64	Developed and implemented a long-term operation and maintenance (O&M) program for post-construction stormwater facilities and BMPs? (<i>Required</i> by February 16, 2010, S5.C.4.c)	N		Cowlitz County created an Operations and Maintenance program that included post construction stormwater facilities in September 2011.	
65	Adopted an ordinance or other regulatory mechanism that clearly identifies the party responsible for maintenance, requires inspection of facilities and establishes enforcement procedures? (<i>Required</i> by February 16, 2010, S5.C.4.c.i)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
66	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects? (<i>Required</i> by February 16, 2010, S5.C.4.c)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
66b.	Number of sites inspected during the reporting period:		0		
66c.	Number of structural BMPs inspected during the reporting period:		0		
66d.	Number of enforcement actions taken during the reporting period:		0		
67	Established maintenance standards that are as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the 2005 Stormwater Management Manual for Western Washington ? (<i>Required</i> by February 16, 2010, S5.C.4.c.ii)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
68	Performed timely maintenance as per S5.C.4.c.ii? (<i>Required</i> by February 16, 2010, S5.C.4.c.ii)	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
68b.	Attached documentation of any maintenance delays. (<i>Required</i> by February 16, 2010, S5.C.4.c.ii)	N/A			
69	Established program to annually inspect all stormwater treatment and flow control facilities (other than catch basins) permitted by the Permittee according to S5.C.4.b. unless there are maintenance records to justify a different frequency? (<i>Required</i> by February 16, 2010, S5.C.4.c.iii)	N		Cowlitz County created a Inspection and Enforcement Manual for Stormwater and Conveyance Facilities Regulated by Cowlitz County's Stormwater Drainage Ordinance in December 2011.	
70	If using reduced inspection frequency, Attached documentation as per S5.C.4.c.iii? (<i>Required</i> by February 16, 2010, S5.C.4.c.iii)	N/A			

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
71	Inspected all new stormwater treatment and flow control facilities owned or operated, including catch basins, for new residential developments that are a part of a larger common plan of development or sale, every 6 months during the period of heaviest house construction (i.e., 1 to 2 years following subdivision approval) to identify maintenance needs and enforce compliance with maintenance standards as needed? (<i>Required</i> by February 16, 2010, S5.C.4.c.iv)	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011	
71b.	Number of facilities inspected during the reporting period:		0		
72	Implemented a procedure for keeping records of inspections and enforcement actions by staff, including inspection reports, warning letters, notices of violations, other enforcement records, maintenance inspections and maintenance activities? (<i>Required</i> by February 16, 2010, S5.C.4.d)	N		Cowlitz County created a Stormwater Management Program Recordkeeping Procedures Manual in February 2012.	
73	Provided copies of the Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity to representatives of proposed new development and redevelopment? (S5.C.4.e)	Y		Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity are made available at the Department of Building and Planning Department and the Department of Public Works.	

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
74	All staff responsible for implementing the program to control stormwater runoff from new development, redevelopment, and construction sites, including permitting, plan review, construction site inspections, and enforcement were trained to conduct these activities? <i>(Required by February 16, 2010, S5.C.4.f)</i>	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011 and an Inspection and Enforcement Manual was created in December 2011. Staff was trained in September 2011.	
74b.	Number of trainings provided:		2		
74c.	Number of staff trained:		9		
75	Developed and implemented an operations and maintenance (O&M) program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations? <i>(Required by February 16, 2010, S5.C.5)</i>	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
76	Adopted maintenance standards as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the 2005 <i>Stormwater Management Manual for Western Washington</i> ? <i>(Required by February 16, 2010, S5.C.5.a)</i>	N		Cowlitz County's Stormwater Drainage Ordinance was implemented in October 2011.	
77	Performed timely maintenance as per S5.C.5.a.ii? <i>(Required by February 16, 2010, S5.C.5.a.ii)</i>	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
77b.	Attached documentation of any maintenance delays. <i>(Required by February 16, 2010, S5.C.5.a.ii)</i>	N/A			

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
78	Established a program to annually inspect and maintained all stormwater treatment and flow control facilities (other than catch basins)? (Required by February 16, 2010, S5.C.5.c.iii)	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
78b.	Number of known facilities:		2		
78c.	Number of facilities inspected during the reporting period:		0		
79	If using reduced inspection frequency, Attached documentation as per S5.C.5.a.ii? (Required by February 16, 2010, S5.C.5.b)	N/A			
80	Conducted spot checks of stormwater facilities after major storms? (Required by February 16, 2010, S5.C.5.c)	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
80b.	Number of known facilities:		2		
80c.	Number of facilities inspected during the reporting period:		0		
81	Inspected municipally owned or operated catch basins at least once before the end of the Permit term? (Required to begin by February 16, 2010, S5.C.5.d)	Y		All conveyance facilities were inspected in the process of survey work for mapping the MS4.	
81b.	Number of known catch basins:		1340		
81c.	Number of inspections:		1340		
81d.	Number of catch basins cleaned:		448		

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
82	Established and implemented practices to reduce stormwater impacts associated with runoff from streets, parking lots, roads or highways owned or maintained by the Permittee, and road maintenance activities conducted by the Permittee? <i>(Required by February 16, 2010, S5.C.5.f)</i>	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
83	Established and implemented policies and procedures to reduce pollutants in discharges from all lands owned or maintained by the Permittee and subject to this Permit, including but not limited to: parks, open space, road right-of-way, maintenance yards, and stormwater treatment and flow control facilities? <i>(Required by February 16, 2010, S5.C.5.g)</i>	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
84	Implemented an operations and maintenance (O&M) program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations? <i>(Required by February 16, 2010, S5.C.5.h.)</i>	N		Cowlitz County created an Operations and Maintenance program in September 2011.	
84b.	Number of trainings provided:		1		
84c.	Number of staff trained:		30		

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
85	Implemented a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under the Industrial Stormwater General Permit? (Required by February 16, 2010, S5.C.5.i)	Y		Cowlitz County together with its consultant has developed a Stormwater Pollution Prevention Plan (SWPPP) for facilities subject to the permit.	Copy of "Stormwater Pollution Prevention Plan for Cowlitz County Maintenance Shops and Storage Facilities" enclosed.
86	Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4s owned or operated by the Permittee?	N			
87	Complied with the specific requirements identified in Appendix 2? (S7.A)	N/A			
88	Attached status report of TMDL implementation? (S7.A)	N/A			
89	Where monitoring was required in Appendix 2, did you conduct the monitoring according to an approved Quality Assurance Project Plan? (S7.A)	N/A			
90	Took appropriate action to correct or minimize discharges into or from the MS4 which may constitute a threat to human health, welfare, or the environment? (G3)	N/A			
90b.	Attached a summary of the status of implementation of any actions taken pursuant to S4.F and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period? (S4.F.3.d)	N/A			

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
91	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance? (G20)	N		Cowlitz County developed a Compliance Action Plan to fully understand the areas of the permit where we were not in compliance, what we needed to do to obtain compliance, and when we would in compliance.	
92	Notified Ecology immediately in cases where the Permittee becomes aware of a discharge from the Permittees MS4 which may cause or contribute to an imminent threat to human health or the environment? (G3)	N/A			
93	Attached a summary of identified barriers to the use of low impact development (LID) and measures to address the barriers (Required to be submitted by March 31, 2011, S9.E.4.a)	Y			LID Report (June 2011) was attached with the 2010 Annual Report
94	Attached a report describing LID practices currently available and that can be reasonably implemented, potential or planned non-structural actions and LID techniques to prevent stormwater impacts, goals and metrics to identify, promote, measure LID; and schedules to require and implement non-structureal and LID techniques on a broader scale (Required to be submitted by March 31, 2011, S9.E.4.b)	Y			Monitoring Report (June 2011) was attached with the 2010 Annual Report

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part A for all annual reports.

NOTE: Please note in Row 1 of the table if you have no information to report.

NOTE: Please limit your entries to 255 characters per cell. You may include additional information in your Supplemental Documentation attachment and reference it below with the page number.

A. Information Collection

Briefly describe any stormwater monitoring, studies, or type of information collected and analyzed during the reporting period. (S8.B.1)	Who/how to contact for additional information?
1.	
2.	
3.	
4.	
5.	
6.	

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part B for all annual reports.

B. SWMP Evaluation (S8.B & S9)

You are required to assess the appropriateness of the BMPs you have selected to implement your SWMP. This evaluation is necessary to evaluate whether the MEP standard set by the permit is protective of water quality in your receiving water bodies. This assessment may be entirely qualitative. Answer **NA** if you are not yet implementing BMPs for a component of the SWMP. (S8.B.2 and S9)

Question	Y/N/NA	Comments (50 word limit)
1. Are the BMPs selected and implemented for Public Outreach appropriate to minimize pollutants in the MS4 to the MEP?	Y	Cowlitz County Department of Public Works, coordinating regionally with the Consolidated Diking Improvement District No.1 and with the Cities of Longview and Kelso, are developing and distributing educational materials based upon feedback from a survey of target audiences regarding stormwater knowledge and behaviors.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	The Board of County Commissioners approved Resolution No. 08-012 on February 5, 2008 establishing a Stormwater Advisory Committee. The Committee meets regularly to discuss and provide feedback regarding implementation of the Stormwater Management Program.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	The Board of County Commissioners approved Ordinance No. 09-137 on August 25, 2009. This ordinance governs illicit discharges and regulates discharges into the County's MS4 to elimination of pollutants in stormwater discharges. An illicit discharge detection and elimination program is being developed based upon the direction and authority of this approved ordinance.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Cowlitz County Department commissioners approved Ordinance no 11-095, a stormwater development ordinance that addresses runoff from new construction, reconstruction and construction sites that disturb a land area of one acre and greater.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Cowlitz County Department commissioners approved Ordinance no 11-095, a stormwater development ordinance that addresses runoff from new construction, reconstruction and construction sites that disturb a land area of one acre and greater.

Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to 6. minimize pollutants in the MS4 to the MEP?	Y	Cowlitz County Department of Public Works has created and implemented a SWPPP for its maintenance facilities as well as a Stormwater Operations and Maintenance Program to comply with the requirements of the Permit.
--	---	--

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part C for all annual reports.

C. Changes in BMPs or objectives (S8.B)

If any of the BMPs or objectives is being changed, list the old BMP and objective, the new BMP and objective, and a justification for the change below. (S8.B.2., and S9)

NOTE: You may choose to attach additional documentation justifying Changes in BMPs or objectives. Note such attachments in the *Justification for change* field.

	Old BMP	Old Objective	New BMP	New Objective	Justification for Change
1					
2					
3					
4					
5					
6					
7					

VII. Information Collection, BMP Evaluation, and Monitoring

D. Preparation for future, long-term monitoring

Complete section D for the fourth annual report only.

Question	Y/N/NA	Comments (50 word limit)	Name of Attachment? Page Number?
1. Identified outfalls or conveyances for long-term stormwater monitoring? (S8.C.2.a)	N/A	Cowlitz County is working with the jurisdictions of SW Washington to develop a monitoring strategy for the region.	
1b. Attach site maps and descriptions. (S8.C.2.a)	y		
2. Identified at least two questions for SWMP effectiveness monitoring and developed monitoring plans? (S8.C.2.b)	N/A	Cowlitz County is working with the jurisdictions of SW Washington to develop a monitoring strategy for the region.	
2b. Attach the proposed questions and monitoring plans for SWMP effectiveness monitoring. (S8.C.2.a.ii)	y		
3. Monitoring plan developed for each question? (S8.C.1.b.iii)	N/A	Cowlitz County is working with the jurisdictions of SW Washington to develop a monitoring strategy for the region.	
3b. Attach a copy of the monitoring plan.	y		
4. Identified sites in preparation for future, long-term monitoring? (S8.C.1.a., and S8.C.2.b)	N/A	Cowlitz County is working with the jurisdictions of SW Washington to develop a monitoring strategy for the region.	
4b. Attach a summary of the status of site identification for long-term stormwater monitoring; proposed questions for SWMP effectiveness monitoring; and status of developing the SWMP effectiveness monitoring plans.	y		