

I. Permittee Information	
Permittee Name City of Seattle	Permittee Coverage Number WAR04-4503
Contact Name Kevin J. Buckley	Phone Number 206-733-9195
Mailing Address 700 5th Ave, Suite 4900, P.O. Box 34018	
City Seattle	State Zip + 4 WA 98124-4018
Email Address kevin.buckley@seattle.gov	

II. Regulated Medium or Large MS4 Location		
Jurisdiction City of Seattle	<i>Entity Type: Check the box that applies</i>	
	County	City/Town
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Major Receiving Water(s) Duwamish River, Lake Union, Lake Washington, Puget Sound		

III. Relying on another Governmental Entity
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. *Attach a copy of your agreement with the other entity to provide additional detail.*

Name of Entity:	Permit Obligation(s):
Washington State University - Puyallup	S8.F - BMP Monitoring

REMINDER: Save this Excel worksheet under a new name. Did you remember to include your permit coverage number? This can be found on the Subject line of the coverage letter Ecology sent you. Proceed to the **Certification** tab.

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 <u>Yancy Ahe</u>	Title <u>Deputy Director, Utility System Management</u>	Date <u>3/20/12</u>
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____

V. Submittal-- Submit by March 31

If using this Excel version of the annual report form, email one electronic copy, including all identified attachments, to PH1_AnnRpt@ecy.wa.gov AND submit two printed, signed copies of the entire annual report PLUS attachments to:

Department of Ecology
Water Quality Program
Municipal Stormwater Permits
P.O. Box 47696
Olympia, WA 98504-7696

REMINDER: Proceed to the **ANNUAL REPORT (Section VI)** tab next.

PLEASE label any information in attachments with corresponding question numbers.

NOTE: Items that have future compliance dates must still be answered to indicate status.

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

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

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 #, if applicable
1	N		There have been no such changes at the City of Seattle in 2011	Attachment B, Section B.1, Page 1.
S4. Compliance with Standards				
2	Y			Attachment B, Section B-2, pages 1-10
S5 Stormwater Management Program				
S5.C.1 Legal Authority				
3	Y			
S5.C.2 MS4 Mapping and Documentation				
4	Y			

Question	Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
5 A program is in place to map the location of all known connection points between municipal separate storm sewers you own or operate and other municipalities or other public entities. (Required by February 15, 2009, S5.C.2.b.i)	Y			
6 <u>Cities:</u> All storm sewer outfalls with a 24 inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems, and including tributary conveyances (type, material and size where known), associated drainage areas and land use throughout the city, are mapped. (Required by February 15, 2011, S5.C.2.b.ii) <u>Counties:</u> All storm sewer outfalls with a 24 inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems, and including tributary conveyances (type, material and size where known), associated drainage areas and land use in urban/higher density rural sub-basins, are mapped. (Required by February 15, 2011, S5.C.2.b.ii)	Y			
7 A program is in place to maintain a map of all connections to the MS4 that have been authorized or allowed after the effective date of the permit. (S5.C.2.b.iii)	Y			

Question	Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
<p>8 <u>Cities:</u> All existing, known connections over 8 inches to municipal separate storm sewers tributary to all storm sewer outfalls with a 24 inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems, are mapped. (<i>Required</i> by February 15, 2009, S5.C.2.b.iv)</p> <p><u>Counties:</u> All existing, known connections over 8 inches to municipal separate storm sewers tributary to all storm sewer outfalls with a 24 inch nominal diameter or larger, or an equivalent cross-sectional area for non-pipe systems, located in one-half the area of the County within urban/higher density rural sub-basins are mapped. (Required by February 15, 2011, S5.C.2.b.iv)</p>	Y			
<p>9 Geographic areas served by the MS4 that do not discharge stormwater to surface waters are mapped. (<i>Required</i> by February 15, 2011, S5.C.2.b.v)</p>	Y			
<p>10 Municipal storm sewer system GIS data layers that you have updated are listed in <i>Comments</i> field. (S5.C.2.b.vi)</p>	Y		MS3 24" or greater outfalls, DWW Water Quality Structures, DWW Ponds, DWW GSI, DWW Mainlines, DWW Side Sewer Laterals, Catch Basins	
<p>11 Mapping information has been made available to Ecology, Co-Permittees and Secondary Permittees upon request to the extent appropriate. (S5.C.2.b.vi and vii)</p>	Y		No maps were requested during 2011.	

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
S5.C.3 Coordination					
12	Established and are implementing written internal coordination agreement(s) or directives to facilitate compliance with the permit. <i>(Required by February 15, 2008, S5.C.3.b.i)</i>	Y			
13	Established coordination mechanisms clarifying roles and responsibilities for control of pollutants between any other municipal stormwater Permittee's physically interconnected municipal storm sewers. <i>(Required by February 15, 2009 or within 2 years following the addition of a new Secondary Permittee, S5.C.3.b.ii)</i>	Y			
14	Established coordination activities for shared waterbodies among Permittees including Secondary Permittees. <i>(Required by February 15, 2009, S5.C.3.b.ii)</i>	Y			
S5.C.4 Public Involvement and Participation Program					
15	Implemented a process to create opportunities for the public to participate in processes for development, implementation and updates of the SWMP, including consideration of public comments on the SWMP. <i>(Required by August 15, 2007, S5.C.4.b.i)</i>	Y			Attachment B, Section B.3, page 10-11
16	Made the SWMP and all submittals required by the permit available to the public on the Permittee's website listed below, or provided all submittals to Ecology in electronic format for posting on Ecology's website. <i>(Required by March 31, 2008, S5.C.4.b.ii)</i> List Permittee's website address in <i>Comments</i> field.	Y		http://www.seattle.gov/util/about_spu/drainage_&_sewer_sys/em/reports/stormwatermanagementplan/	Attachment B, Section B.3, page 10-11

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
	S5.C.5 Controlling Runoff from New Development, Redevelopment and Construction Sites				
17	Submitted draft enforceable requirements, technical standards and manual, that address requirements to prevent and control runoff from new development, redevelopment and construction site activities in S5.C.5.b.i through S5.C.5.b.iii, to Ecology for review and approval on the date provided in <i>Comments</i> field. (<i>Required</i> by February 15, 2008, S5.C.5.b.iv)	Y			
18	Adopted the final enforceable requirements, technical standards and manual to prevent and control runoff from new development, redevelopment and construction site activities on the date provided in <i>Comments</i> field. (<i>Required</i> by August 15, 2008, or 60 days following Ecology's written response)	Y		The Seattle Municipal Code, Stormwater Code 22.800-22.808, became effective on November 30, 2009.	Attachment B, Section B.3, page 11-13
19	Were exceptions or variances to the minimum requirements in Appendix 1 granted? (<i>Required</i> by August 15, 2008, S5.C.5.b.ii, and Section 6 of Appendix 1)	N		No exceptions or variances granted during 2011.	
19a	Number of variances granted:		0		
20	To the extent allowable under state and federal law, established legal authority to inspect private stormwater facilities and enforce maintenance standards for all new development and redevelopment approved under the provisions of S5.C.5.b. (<i>Required</i> by August 15, 2008, S5.C.5.b.v)	Y			

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
21	Developed and implemented a process of permits, plan review, inspections, and enforcement capability to meet the requirements of S5.C.5.b.vi, including maintenance plans for permanent stormwater facilities/BMPs, recordkeeping and an enforcement strategy. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i>	Y			
22	Reviewed stormwater site plans submitted for proposed development involving land disturbing activities that meet the thresholds in S5.C.5.b.i. <i>(Required beginning August 15, 2008, S5.C.5.b.vi)</i>	Y			
22a	Number of site plans submitted:		704		
22b	Number of site plans reviewed:		673		
23	Inspected, prior to clearing and construction, permitted development sites that meet the thresholds in S5.C.5.b.i and that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 <i>Identifying Construction Site Sediment Transport Potential</i> . <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i>	Y			
23a	Number of sites determined to have high sediment transport potential:		653		
23b	Number of sites inspected:		595		
24	Inspected construction-phase stormwater controls at permitted development sites that meet the thresholds in S5.C.5.b.i during construction to verify proper installation and maintenance of required erosion and sediment controls. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i>	Y			

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
24a	Number of qualifying permitted development sites:		1391		
24b	Number of sites inspected:		1225		
25	Enforced as necessary based on the construction-phase inspection at new development and redevelopment projects. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i> List nature of enforcement actions in <i>Comments</i> field.	Y		Nature of enforcement actions - corrective action letter, notice of violation letters for non-compliance with Stormwater Code.	
25a	Number of enforcement actions taken:		70		
26	Inspected permitted development sites that meet the thresholds in S5.C.5.b.i upon completion of construction and prior to final approval or occupancy to verify proper installation of permanent erosion controls and stormwater facilities / BMPs. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i>	Y			
26a	Number of qualifying permitted development sites that completed construction:		460		
26b	Number of sites inspected:		396		
27	Verified that a maintenance plan for sites that meet the thresholds in S5.C.5.b.i is completed and responsibility for maintenance is assigned. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i>	Y			
28	Enforced as necessary based on the post-construction inspection. <i>(Required to begin by August 15, 2008, S5.C.5.b.vi)</i> List the nature of enforcement actions in the <i>Comments</i> field.	Y		Nature of enforcement actions - corrective action letter, notice of violation letters for non-compliance with Stormwater Code.	
28a	Number of enforcement actions taken:		57		

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
29	Developed and implemented an enforcement strategy to respond to issues of non-compliance. (<i>Required</i> to begin by August 15, 2008, S5.C.5.b.vi)	Y			
30	Developed and implemented a recordkeeping process for 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 August 15, 2008, S5.C.5.b.vi)	Y			
31	Made Ecology's <i>Notice of Intent for Construction Activity</i> and <i>Notice of Intent for Industrial Activity</i> available to representatives of proposed new development and redevelopment. (S5.C.5.b.vii)	Y			Attachment B, Section B.3, page 11-13
32	All staff whose primary job duties are implementing the program to control stormwater runoff from new development, redevelopment, and construction sites, including permitting, plan review, construction site inspections, and enforcement, are trained to conduct these activities. (<i>Required</i> by August 15, 2008, S5.C.5.b.viii)	Y			Attachment B, Section B.3, page 11-13

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
S5.C.6 Structural Stormwater Controls					
33	The SWMP includes a Structural Stormwater Control Program to construct stormwater controls to prevent or reduce impacts (hydrology and pollutants) to waters of the state caused by discharges from the MS4 where impacts are not adequately controlled by other SWMP components. <i>(Required by February 15, 2008, S5.C.6.b)</i>	Y			Attachment B, Section B.3, page 13
34	Attached (as part of each annual update to the SWMP in Section VII.A or as part of the Program Evaluation and Other Activities narrative in Section VII.B) updated information required under S5.C.6.b about the Structural Stormwater Control Program. This information must include a prioritized list/description of planned structural stormwater control projects scheduled for implementation during the term of this permit, a description of how the selected projects comply with AKART and MEP requirements, responses to Ecology concerns (if applicable), and all other required information as described in S5.C.6.b.ii and iii. <i>(Required by February 15, 2008, S5.C.6.b)</i>	Y			Attachment A, City of Seattle SWMP, Pages 11.6-1 to 11.6-8
35	Currently implementing Structural Stormwater Control Program. <i>(Required by August 15, 2008, S5.C.6.b.i)</i>	Y			Attachment A, City of Seattle SWMP, Pages 11.6-1 to 11.6-8

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
S5.C.7 Source Control Program for Existing Development					
36	Submitted draft enforceable document(s), such as an ordinance, and proposed Source Control Program, which address requirements in S5.C.7.a and S5.C.7.b, to Ecology for review and approval on the date listed in the <i>Comments</i> field. (Required February 15, 2008, S5.C.7.b.i)	Y		The Seattle Municipal Code, Stormwater Code 22.800-22.808, became effective on November 30, 2009.	Attachment B, Section B.3, page 13-16
37	Adopted the enforceable document(s), such as an ordinance, on the date listed in the <i>Comments</i> field. (Required August 15, 2008, S5.C.7.b.i)	Y		The Seattle Municipal Code, Stormwater Code 22.800-22.808, became effective on November 30, 2009.	Attachment B, Section B.3, page 13-16
37a	Began enforcing Source Control Program on the date listed in the <i>Comments</i> field. (Required August 15, 2008, S5.C.7.b.i)	Y		The Seattle Municipal Code, Stormwater Code 22.800-22.808, became effective on November 30, 2009.	
38	Established an inventory or listing of land uses/businesses using the categories in Appendix 8 to identify sites that are potentially pollution generating. (Required August 15, 2008, S5.C.7.b.ii)	Y			Attachment B, Section B.3, page 13-17
39	Periodically updated the inventory or listing of land uses/businesses using the categories in Appendix 8, as required in S5.C.7.b.ii.	Y		Although the list is a starting point, businesses are continually added and subtracted from the list based on field reconnaissance.	
40	Implemented a program to respond to complaints and to identify other pollutant generating sources, such as mobile or home-based businesses. (Required August 15, 2008, S5.C.7.b.ii)	Y			Attachment B, Section B.3, page 13-17
41	Began implementing an audit/inspection program for sites identified pursuant to S5.C.7.b.ii. (Required February 15, 2009, S5.C.7.b.iii)	Y			Attachment B, Section B.3, page 13-17

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
41a	Number of sites that were provided with information about activities that may generate pollutants and associated source control requirements:		950	884 sites were provided information during an inspection. 22 businesses were provided information when they participated in our spill kit program voluntarily, 20 technical assistance visits were completed by an SPU contractor (ECOSS) and 24 businesses were contacted as part of the "Get on the Map" Resource Venture program.	
42	During the reporting period, inspected 20% of identified sites in the audit/inspection program established in S5.C.7.b.ii. (<i>Required</i> to begin by February 15, 2009, report beginning with the third year Annual Report for 2009, S5.C.7.b.iii)	Y			
43	During the reporting period, inspected 100% of sites identified through legitimate complaints. (<i>Required</i> to begin by February 15, 2009, report beginning with the third year Annual Report for 2009, S5.C.7.b.iii)	Y			
43a	Number of sites identified through legitimate complaints:		18		
43b	Number of sites inspected:		18	Two businesses that were reported during 2011 were inspected in early 2012. One business was reported in late 2011 and inspected in 2012; the other business moved after being reported and was inspected at the new facility in early 2012. All businesses are visited upon initial complaint.	
44	Began implementing a progressive enforcement policy to require sites to come into compliance with stormwater requirements. (<i>Required</i> beginning February 15, 2009, S5.C.7.b.iv) List nature of enforcement actions in <i>Comments</i> field. (S9.E.2.d)	Y			
44a	Number of follow-up actions taken:		205	SPU defines follow up actions as re-inspections. Other follow up actions include phone calls, emails and other communication, which are not currently tracked in the dbase for permit reporting.	
44b	Number of further enforcement actions taken:		11		

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, <u>if applicable</u>
45	Contacted Ecology immediately upon discovering a source control violation that presented a severe threat to human health or the environment. (S5.C.7.b.iv and/or G3.)	Y			
45a	Number of violations reported to Ecology:		16		

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
46	Referred to Ecology non-emergency violation(s) of local ordinances after making a documented effort of progressive enforcement to bring them into compliance. (S5.C.7.b.iv)	Y		One source control issue that was determined to be better addressed under the Ecology Wastewater Permit was referred to Ecology.	
46a	Number of referrals to Ecology:		1		
47	All staff whose primary duties are implementing the Source Control Program are trained to conduct these activities in accordance with S5.C.7.b.v. (Required February 15, 2009, S5.C.7.b.v)	Y			Attachment B, Section B.3, page 13-17
S5.C.8 Illicit Connections and Illicit Discharge Detection and Elimination (IDDE) Program					
48	The SWMP includes an ongoing program to detect and remove illicit connections and illicit discharges into the MS4 owned or operated by the Permittee, including the provisions in S5.C.8.a and S5.C.8.b.i through S5.C.8.b.ii. (S5.C.8.b.i)	Y			Attachment B, Section B.3, page 17- 19
49	Procedures have been developed for addressing pollutants entering the MS4 from an interconnected, adjoining MS4. (Required by February 15, 2009, S5.C.8.b.i)	Y			
50	Evaluated and, if necessary updated, existing ordinances or other regulatory mechanisms to effectively prohibit non-stormwater, illicit discharges, and/or dumping into the MS4. (Required by August 15, 2008, S5.C.8.b.ii)	Y			

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
51	All 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 by August 15, 2008, S5.C.8.b.iii)</i>	Y			Attachment B, Section B.3, page 17- 19
52	All municipal field staff which, as part of their normal job responsibilities might come in contact with or otherwise observe illicit connections or discharges are trained to identify illicit connections and discharges and the proper procedures for reporting and response. <i>(Required by February 15, 2009, S5.C.8.b.iv)</i>	Y			Attachment B, Section B.3, page 17-19
53	Provided a publicly-listed hotline or other local telephone number for water quality citizen complaints/reports. (For all except Clark County, <i>required</i> by February 15, 2007; for Clark County <i>required</i> by August 15, 2007, S5.C.8.b.v)	Y		SPU Water Quality Hotline - 1-206-684-7587 and Spills Report Line 1-206-386-1800	Attachment B, Section B.3, page 17- 19
54	<u>Cities:</u> Conveyances and outfalls within the incorporated area are prioritized for field screening and source tracing as part of the ongoing program to detect and remove illicit connections and illicit discharges. <u>Counties:</u> Conveyances and outfalls in the urban/higher density rural sub-basins are prioritized, and one rural sub-basin has been selected, for field screening and source tracing as part of the ongoing program to detect and remove illicit connections and illicit discharges. (In preparation for the 2012 deadline, S5.C.8.b.vi)	Y			Attachment B, Section B.3, page 17- 19

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
55	<p><u>Cities:</u> Completed field screening of 60% of the conveyance systems within the incorporated area.</p> <p><u>Counties:</u> Completed field screening of 50% of the conveyance systems in urban/higher density rural sub-basins and at least 1 rural sub-basin. (Required by February 15, 2012, S5.C.8.b.vi)</p>	NA		This requirement is not yet due.	
56	Upon discovery or upon receiving a report of a suspected illicit connection, initiated an investigation within 21 days. (S5.C.8.b.vii(1))	Y			
56a	Number of investigations:		26		
57	<p>Upon confirmation of the illicit connection, used enforcement authority to eliminate the illicit connection within 6 months. (S5.C.8.b.vii(2))</p> <p>List nature of enforcement actions in <i>Comments</i> field.</p>	Y		Progressive enforcement consists of an inspection, a corrective action letter (30 days to comply), a re-inspection, a second and final letter (15 days to comply), a re-inspection and then a notice of violation with penalty.	
57a	Number of enforcement actions:		22		
57b	Number of illicit connections eliminated:		20	One known illicit connection located at 6706 S Bangor St. has yet to be repaired due to the financial state of the homeowner who cannot afford to make the repair.	
58	Contacted Ecology immediately upon discovering an illicit connection presented a severe threat to human health or the environment. (S5.C.8.b.vii(3). See also question 7 of this report.)	Y		SPU reports to Ecology (via ERTS) all instances of illicit discharges entering the MS4.	Attachment B, Section B.3, page 17- 19
58a	Number of illicit connections identified as presenting severe threat to human health or the environment:		22		Attachment B, Section B.3, page 17- 19

Question		Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
59	Referred to Ecology illicit connection(s) after making a good faith and documented effort of progressive enforcement to terminate the violation(s). (S5.C.8.b.vii(3))	Y			Attachment B, Section B.3, page 17- 19
59a	Number of referrals to Ecology:		0		
60	Participated in a regional emergency response program or developed and implemented procedures to investigate and response to spills and improper disposal into the MS4. (Required by August 15, 2007, S5.C.8.b.vii)	Y		SPU operates a spill response program, which is staffed 24/7 by a spill coordinator network and is dispatched through the SPU Operations Response Center.	Attachment B, Section B.3, page 17- 19
61	Developed a program to prioritize and investigate complaints/reports or monitoring information that indicate potential illicit discharges, including spills. (Required by August 15, 2007, S5.C.8.b.viii)	Y			Attachment B, Section B.3, page 17- 19
S5.C.9 Operation and Maintenance Program					
62	Established maintenance standards as protective, or more protective, of facility function than those specified in Chapter 4 of Volume V of the 2005 <i>Stormwater Management Manual for Western Washington</i> , and in accordance with the provisions in S5.C.9.b.i. (Required by August 15, 2008, S5.C.9.b.i)	Y			Attachment B, Section B.3, page 19-21

Question	Y/N/NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
63 Evaluated and, if necessary, updated existing ordinances or enforceable documents requiring maintenance of all permanent stormwater treatment and flow control facilities, including catch basins, regulated by the Permittee, in accordance with maintenance standards established under S5.C.9.b.i. (<i>Required</i> by August 15, 2008, S5.C.9.b.ii(1))	Y			Attachment B, Section B.3, page 19-21
64 Developed and implemented an initial inspection schedule for all known, permanent stormwater treatment and flow control facilities (other than catch basins) regulated by the Permittee that involves an inspection of each facility at least once during this permit term. (<i>Required</i> by August 15, 2008, S5.C.9.b.ii(2))	Y			Attachment B, Section B.3, page 19-21
65 Developed and implemented an ongoing inspection schedule to annually inspect all stormwater treatment and flow control facilities (other than catch basins) regulated by the Permittee. (<i>Required</i> to begin by February 15, 2011, S5.C.9.b.ii(3))	Y			Attachment B, Section B.3, page 19-21
66 Reduced the frequency of inspections to less than annually for stormwater treatment and flow control facilities (other than catch basins) regulated by the Permittee. Indicate in comments below if reduction is based on maintenance records or certification pursuant to S5.C.9.b.ii(3)).	Y		Changed the frequency of inspection based upon certification pursuant to S5.C.9.b.ii(3)).	Attachment B, Section B.3, page 32

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
67	Managing maintenance activities to inspect new permanent stormwater treatment and flow control facilities, including catch basins, in new residential developments every 6 months during period of heaviest construction to identify maintenance needs and enforce compliance. (Required to begin by February 15, 2009, S5.C.9.b.ii(4))	Y			
68	Required cleaning of catch basins found to be out of compliance with maintenance standards under the requirements of S5.C.7 (Source Control Program) and S5.C.8 (Illicit Discharges Detection and Elimination) or as part of facilities you regulate and inspected under S5.C.9 (Operation and Maintenance Program). (S5.C.9.b.ii(6))	Y			
69	Developed and implemented a program to annually inspect all permanent stormwater treatment and flow control facilities (other than catch basins) owned or operated by the Permittee and to implement appropriate maintenance action in accordance with established maintenance standards. (Implementation required to begin by February 15, 2009, S5.C.9.b.iii(1))	Y			

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
70	Changed the frequency of inspection schedule to less than annually for permanent stormwater treatment and flow control facilities (other than catch basins) owned or operated by the Permittee. Indicate in comments below if reduction is based on maintenance records or certification pursuant to S5.C.9.b.iii(1).	N		The City will conduct the inspections on an annual basis and will not change the inspection schedule to less frequently than annually in 2012	Attachment B, Section B.3, page 32
71	Implemented a program to conduct spot checks of stormwater facilities owned or operated by Permittee (other than catch basins) after major storm events, and to respond to findings, in accordance with S5.C.9.b.iii(2). (<i>Required</i> to begin by February 15, 2009, S5.C.9.b.iii(2))	Y			
72	Implemented program to annually inspect catch basins and inlets owned or operated by the Permittee in accordance with the provisions in S5.C.9.b.iv(1). (<i>Required</i> to begin by February 15, 2009, S5.C.9.b.iv(1))	Y			
73	Changed the frequency of inspection schedule to less than annually for catch basins owned or operated by the Permittee. Indicate in comments below if reduction is based on maintenance records or certification pursuant to S5.C.9.b.iv(2)).	N		The City will conduct the inspections on an annual basis and will not change the inspection schedule to less frequently than annually in 2012	Attachment B, Section B.3, page 32

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
74	Decant water from catch basin cleaning activities is disposed of in accordance with the requirements in Appendix 6. <i>(Required by February 15, 2009, S5.C.9.b.iv(3))</i>	Y			
75	Attached (as part of the Program Evaluation and Other Activities narrative in Section VII.B) a summary of maintenance or repair activities conducted by the Permittee requiring capital construction of \$25,000 or more. <i>(Required annually beginning with third annual report/for calendar year 2009, S5.C.9.b.v)</i>	Y		There were no maintenance activities requiring capital construction greater than \$25,000 during 2011	Attachment B, Section B.3, page 19-21
76	Established practices to reduce stormwater impacts associated with runoff from streets, parking lots, roads or highways owned or operated by the Permittee, and road maintenance activities listed in S5.C.9.b.vi conducted by the Permittee. <i>(Required by February 15, 2008, S5.C.9.b.vi)</i>	Y			Attachment B, Section B.3, page 19-21
77	Implemented the established practices to reduce stormwater impacts associated with runoff from streets, parking lots, roads or highways owned or operated by the Permittee, and road maintenance activities listed in S5.C.9.b.vi conducted by the Permittee. <i>(Required by August 15, 2008, S5.C.9.b.vi)</i>	Y			Attachment B, Section B.3, page 19-21

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
78	Established and implemented policies and procedures, which address activities and lands listed in S5.C.9.b.vii, to reduce pollutants in discharges from lands owned or maintained by the Permittee. (Required by August 15, 2008, S5.C.9.b.vii)	Y			Attachment B, Section B.3, page 19-21
79	Developed and implemented an ongoing training program for Permittee employees with primary construction, operations or maintenance job functions that could impact stormwater quality (Required by February 15, 2009, S5.C.9.b.viii.)	Y			Attachment B, Section B.3, page 19-21
80	Developed and implemented Stormwater Pollution Prevention Plan(s) 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 covered under another Ecology-issued stormwater discharge permit. (Required by February 15, 2009, S5.C.9.b.xi)	Y			

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, <u>if applicable</u>
S5.C.10 Education and Outreach Program					
81	Implemented or participated in an education and outreach program designed to achieve measurable improvements in understanding of the problem and associated solutions for the target audiences listed in S5.C.10.b. (<i>Required</i> by February 15, 2008, S5.C.10.b.i)	Y			Attachment B, Section B.3, page 21-31
82	Implemented or participated in an effort to measure understanding and adoption of the targeted behaviors by at least one target audience in at least one subject area (<i>Required</i> to begin February 15, 2008, S5.C.10.b.ii)	Y			Attachment B, Section B.3, page 21-31

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
S7. Compliance with Total Maximum Daily Load Requirements					
83	Is there a Total Maximum Daily Load (TMDL) listed in Appendix 2 applicable to you? (S7)	N		There are no TMDLs listed in Appendix 2 for the City of Seattle. Therefore, no additional action is required	Attachment B, Section B.3, page 31
84	<p>Attached (as part of the Program Evaluation and Other Activities narrative in Section VII.B) a summary of the status of TMDL implementation activities conducted by the Permittee, and/or on behalf of the Permittee, including as applicable:</p> <ul style="list-style-type: none"> • How TMDL-related activities are incorporated into the SWMP or other permit requirements, such as monitoring • Any lists or inventories required • Description of inspections, including total number of sites targeted and number of inspections conducted • Any specific deadlines or milestones reached in the reporting term and associated dates • Selected monitoring and implementation approaches, where options are described in Appendix 2 • Other information necessary to provide a summary of the TMDL implementation status and any associated monitoring(S7.A and 	NA		There are no TMDLs listed in Appendix 2 for the City of Seattle. Therefore, no additional action is required	Attachment B, Section B.3, page 31

Question		Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
85	If applicable, complied with the specific requirements identified in Appendix 2. (S7.A)	NA		There are no TMDLs listed in Appendix 2 for the City of Seattle. Therefore, no additional action is required	
S8.B Monitoring					
86	During the reporting period, stormwater monitoring studies involving the Permittee's MS4 were conducted by the Permittee, on behalf of the Permittee, or were reported to the Permittee and attached (as part of the Program Evaluation and Other Activities narrative in Section VII.B) is a brief description of the type of information gathered or received. (S8.B.1)	Y			Attachment B, Section B.3, page 32
General Conditions					
87	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Y		The City submitted a G20s to Ecology in 2011 non-compliance during 2010 with S5.C.9.b.iv - catch basin inspection program. There were no G20 submitted to Ecology for non-compliance during 2011.	
88	Notified Ecology in cases where the Permittee becomes aware of a discharge into or from the Permittee's MS4 which could constitute a threat to human health, welfare, or the environment? (G3)	Y			
88a	Took appropriate action to correct or minimize discharges into or from the Permittee's MS4 which could constitute a threat to human health, welfare, or the environment? (G3)	Y			
S9. Low Impact Development (LID) Reporting					
89	Attached (as part of the Program Evaluation and Other Activities narrative in Section VII.B) a summary of barriers to implementation of Low Impact Development, and any actions taken to remove the barriers (S9.E.10).	Y			Attachment B, Section B.3, page 32-35

Question	Y/N/ NA	#	Comments (50 word limit)	Name of Attachment & Page #, if applicable
90 Attached (As part of the Program Evaluation and Other Activities narrative in Section VII.B) a summary of the extent to which basin or watershed planning is being conducted in the Permittee's jurisdiction, either voluntarily, or pursuant to the Growth Management Act or any other requirement (S9.E.11).	Y			Attachment B, Section B.3, page 35
91 Attached (As part of the Program Evaluation and Other Activities narrative in Section VII.B) identified areas for potential basin or watershed planning that can incorporate development strategies as a water quality management tool to protect aquatic resources. This reporting requirement is due only in the Annual Report for calendar year 2010 (S9.E.12).	Y			Attachment B, Section B.3, page 36
S8.H Monitoring				
92 Attached (per Section VIII) the Annual Stormwater Monitoring Report(s) for S8.D, S8.E and S8.F (S8.H and S9.E.5).	Y		The City is submitting the Water Year 2011 Stormwater Characterization monitoring (S8.D) and a final report on the Catch Basin Stormfilter BMP monitoring for S8.F. Seattle continues to coordinate with WSU for monitoring bioretention for the second BMP for S8.F.	See Attachment C and the Catch Basin Stormfilter (S8.F) Report included in this submittal

REMINDER: Save your work as you go. Did you answer each question, provide necessary background information in the # and/or *Comments* field, and attach and/or note the filename and page number of all required documentation in the *Attachment* field? Proceed to the Attachments (**Section VII**) tab next.

VII. Annual Report Attachments

A. Annual Update of Stormwater Management Program Document (S5.A.1 and S9.E)

Attach your annual update of your Stormwater Management Program (SWMP) document to the email in which you transmit this Annual Report form to Ecology. Label each file clearly. If only parts of the SWMP document have changed, you may attach only those updated sections or pages provided you clearly describe that the provided attachments represent replacement pages.

B. Program Evaluation and Other Activities Narrative

Attach a document that includes your narrative program assessment and other additional required reporting as listed in the Table of Contents below.

Table of Contents

1. If applicable, notification of any changes to authorization pursuant to G19.C (S9.E.9).
2. If applicable, a summary of any actions taken pursuant to S4.F (S9.E.3).
3. Assessment of the appropriateness of your program design and/or specific BMPs identified for each component of the SWMP, including any changes made or anticipated to be made, and why (S9.E.6 and S8.B.2).
 - 3.1 Public Involvement and Participation
 - 3.2 Controlling Runoff from New Development, Redevelopment and Construction Sites
 - 3.3 Structural Stormwater Controls
 - 3.4 Source Control Program for Existing Development
 - 3.5 Illicit Connections and Illicit Discharges Detection and Elimination
 - 3.6 Operation and Maintenance Program
 - 3.7 Education and Outreach Program

4. Updated information required under S5.C.6.b about the Structural Stormwater Control Program (if not provided in the annual SWMP update in Section VII.A)
5. Summary of actions taken to comply with applicable TMDL requirements (S9.E.4).
6. Brief description of any stormwater monitoring studies not part of your Annual Stormwater Monitoring Report involving your MS4 in accordance with S8.B.1 (S9.E.6).
7. Operations and Maintenance Records, if applicable
 - 7.1 Justification of reduced inspection frequency, including records if applicable, pursuant to S5.C.9.b.ii(3), S5.C.9.b.iii(1) and S5.C.9.b.iv(2).
 - 7.2 Information pertaining to stormwater facility maintenance or repair requiring capital construction of \$25,000 or more (S5.C.9.b.v). This information may be presented in a summary table and, when the maintenance or repair has not yet been completed, should include an estimated cost and an estimated completion date
8. Notification of any annexations, incorporations or jurisdictional boundary changes in the geographic area of coverage during the reporting period, and implications for the SWMP (S9.E.8), if applicable.
9. Summaries of Low Impact Development (LID) reporting requirements pursuant to S9.E.10, S9.E.11 and S9.E.12.

REMINDER: Send electronic and hard copies of these attachments to Ecology according to directions in the Certification tab under Section V. Proceed to the **Monitoring (Section VII)** tab next.

VIII. Annual Stormwater Monitoring Report (S8.H and S9.E.5)

Refer to the Annual Stormwater Monitoring Report contents guidance for additional information regarding Ecology's expectations for this report.