I. Permittee Information

Permittee Name City of Longview	**Permittee Coverage Number** WAR-045013
Contact Name Josh Johnson, P.E.	**Phone Number** 360-442-5210
Mailing Address P.O. Box 128	
City Longview	**State** WA / **Zip + 4** 98632-7080
Email Adddress josh.johnson@ci.longview.wa.us	

II. Regulated Small MS4 Location

Jurisdiction City of Longview	***Entity Type: Check the box that applies***
Major Receiving Water(s) Cowlitz and Columbia Rivers (via Longview Ditches)	

County	City/Town	Other
	X	

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):

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	Neil M. Campbell	Title	Asst. City Manager	Date	3-30-09
Name		Title		Date	
Name		Title		Date	
Name		Title		Date	
Name		Title		Date	

VI. Status Report Covering Calendar Yr: 2008 **Jurisdiction Name: City of Longview**

Question		DONE	#	Comments (50 word limit)	Attachment
1.	**Attached** annual written update of Permittee's Stormwater Management Program (SWMP), including applicable requirements under S5.A.2 and S9?	Y		A copy of the draft SWMP can be found online at www.cleanstormwater.org.	The City of Longview Phase II Municipal Stormwater Management Program (SWMP) is attached.
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?	Y		2 ANNEXATIONS: 44.2 ACRES TOTAL.	
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		The City of Longview is using computer software to track and manage development and implementation of the SWMP, including staff time and costs.	
4.	Began tracking costs or estimated costs of the development and implementation of the SWMP? (*Required* no later than January 1, 2009, S5.A.3.a)	Y			
5.	SWMP includes an education program aimed at residents, businesses, industries, elected officials, policy makers, planning staff and other employees of the Permittee? (*Required to begin* by February 15, 2009, S5.C.1)	Y			

Question		DONE	#	Comments (50 word limit)	Attachment
6.	Distributed appropriate information to target audiences identified in the area served by the MS4? (*Required to begin* by February 15, 2009, S5.C.1.a)	Y		UTILITY INFO: 8-TAB IN LOCAL PAPER (TDN) - FEB '08 EARTHDAY 2008 - APR '08 PUBLIC WORKS OPEN HOUSE CLEANSTORMWATER.ORG MARKED 85% OF ALL STORM DRAINS 7/20/8 GREEN DEVELOPMENT ARTICLE WATERSHED VOYAGES WORK & LEARN DAY - AUG '08 PSA'S RUNNING ON CABLE TV. PRESENTED 45-MINUTE WQ LESSONS TO SEVEN 5TH GRADE CLASSES 8/18/8 TDN ARTICLE ABOUT STORM AND POTENTIAL WQ IMPACTS EMAILED SOIL SUPPLIERS 8/19/8 ABOUT T5.13 & SOIL CLASS CO-HOSTED ASCE PERVIOUS PAVEMENTS WEBINAR WITH KELSO STATE OF THE CITY PRESENTATIONS SEPT 2008 LCCA NEWSLETTER FALL '08 FULL PAGE COLOR AD IN TDN'S *IN BUSINESS* MAGAZINE FALL 2008 LCCA QRTLY MTG PRESENTATION. DAILY INTERACTION WITH PLANNING STAFF	
6b.	Please mark a **Y** next to audiences targeted in Y/N/NA box:				
i	General Public	Y			
ii	Home-based business	Y			
iii	Elected officials	Y			
iv	Developers	Y			
v	Contractors	Y			
vi	Permittee Employees	Y			
vii	Residents	Y			
viii	Businesses	Y			
ix	Policy makers	Y			
x	Engineers	Y			
xi	Property managers	Y			
xii	Homeowners	Y			
xiii	Mobile businesses	Y			
xiv	Industries	Y			
xv	Landscapers	Y			
xvi	Planning Staff	Y			

Question		DONE	#	Comments (50 word limit)	Attachment
7.	Tracked the types of public education and outreach activities implemented. (*Required to begin* by February 15, 2009, S5.C.1.c)	Y		The City of Longview is using computer software to track educational and outreach activities.	
7b.	Number of activities implemented:		17		
8.	Measured the understanding and adoption of the targeted behaviors among targeted audiences. (*Required to begin* by February 15, 2009, S5.C.1.b)	Y		The City of Longview, working with the CDID#1, the City of Kelso and Cowlitz County, developed and commissioned a survey of target audiences regarding stormwater knowledge and behaviors to direct and prioritize educational efforts. A copy of the July 2008 "Stormwater Market Research Report" can be found at www.cleanstormwater.org	
9.	Provided opportunities for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP? (*Required* by February 15, 2008, S5.C.2.a)	Y		The Longview City Council created the Stormwater Advisory Comittee (LSAC) in 2007. All members were confirmed and formally appointed in February. Formal monthly meetings began in May. Meetings are published in the local paper on the preceeding Saturday and are announced on www.cleanstormwater.org. The LSAC has its own City webpage (mylongview.com/boards and commissions). Meetings were also announced in the August LCCA newsletter.	
10.	Developed and implemented a process for public involvement and consideration of public comments on the SWMP? (*Required* by February 15, 2008, S5.C.2.a)	Y			
11.	Made the most current version of the SWMP available to the public. (S5.C.2.b)	Y		An updated version of the draft SWMP is posted online on both Stormwater websites.	www.cleanstormwater.org www.mylongview.com/stormwater
12.	Posted the SWMP and latest annual report on your website. (S5.C.2.b)	Y			
12b.	NOTE website address in *Attachment* field:	Y			See above.
13.	Initiated or implemented an ongoing program to detect and remove illicit connections and illegal discharges into the Permittee's MS4? (*Required* August 19, 2011, S5.C.3)	NA		In progress.	
14.	Developed and currently maintain a map of your MS4? (*Required* by February 15, 2011, S5.C.3.a)	Y		Completed under G0200318	
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		Updates are ongoing. CDID1 now copies the City on all new permits. CDID1 plans to have its consultants update its new outfalls since 2004.	

Question		DONE	#	Comments (50 word limit)	Attachment
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? (*Required* by February 15, 2011, S5.C.3.a.i)	Y			
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? (*Required* by February 15, 2011, S5.C.3.a.i)	Y			
17.	Map shows geographic areas served by the Permittee's MS4 that do not discharge stormwater to surface waters? (*Required* by February 15, 2011, S5.C.3.a.iii)	Y			
18.	Map has been made available upon request? (S5.C.3.a.iv)	Y			
19.	Developed and implemented regulatory actions necessary to effectively prohibit non-stormwater, illegal discharges, and/or dumping into the Permittee's MS4? (*Required* by August 15, 2009, S5.C.3.b)	NA		The City, with the input of the LSAC and in cooperation with Kelso and the County, has developed a draft stormwater ordinance that includes all required illicit discharge provisions.	
20.	Developed and implemented an ongoing program to detect and address non-stormwater discharges, spills, illicit connections and illegal dumping into the Permittee's MS4? (*Required* by August 19, 2011, S5.C.3.c)	NA		In progress.	
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 spills? (*Required* by August 19, 2011, S5.C.3.c.i)	NA			
22.	Implemented field assessment activities, including visual inspection of priority outfalls identified during dry weather, and for the purposes of verifying outfall locations, identified previously unknown outfalls, and detected illicit discharges? (*Required* by August 19, 2011, S5.C.3.c.ii)	NA			

Question		DONE	#	Comments (50 word limit)	Attachment
23.	Prioritized receiving waters for visual inspection? (*Required* by February 15, 2010, S5.C.3.c.ii)	NA			
24.	Conducted field assessments for three high priority water bodies? (*Required* by February 15, 2011, S5.C.3.c.ii)	NA			
25.	Conducted field assessments on at least one high priority water body? (*Required* annually **after** February 15, 2011, S5.C.3.c.ii)	NA			
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? (*Required* by August 19, 2011, S5.C.3.c.iii)	Y			
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? (*Required* by August 19, 2011, S5.C.3.c.iv)	NA			
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? (*Required* by August 19, 2011, S5.C.3.c.v.)	Y			
29.	Informed public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste? (*Required* by August 19, 2011, S5.C.3.d)	Y		IDDE message was integrated into Public Ed. & Outreach program described above. Additionally, glossy color IDDE inserts were sent to all rate payers Fall 2008 (see www.cleanstormwater.org)	
30.	Distributed appropriate information to target audiences identified pursuant to S5.C.1? (*Required* by August 19, 2011, S5.C.3.d.i)	Y		The City of Longview has distributed educational brochures to target audiences listed in permit. A copy of "Solution to Pollution" brochure can be found at www.cleanstormwater.org.	

Question		DONE	#	Comments (50 word limit)	Attachment
31.	Publicized a hotline or other local telephone number for public reporting of spills and other illicit discharges? (*Required* by February 15, 2009, S5.C.3.d.ii)	Y		New, catchy phone number purchased for the hotline: (360) 578-0900. Listed the hotline with Qwest. Publicized on the web and in most public outreach material. Completed technical arrangements and contract with PCS. Completed all SOPs and call lists. Changed the "Who to to Call" City directory pamplet.	
31b.	Number of hotline calls received:		4	Plus one web report	
31c.	Number of follow-up actions taken in response to calls:		4	Plus the one web report	
32	Tracked the number and type of spills? (*Required* by August 19, 2011, S5.C.3.e)	Y			
32b.	Number of spills:		7		
33	Tracked the number of illicit discharges identified? (*Required* by August 19, 2011, S5.C.3.e)	Y			
33b.	Number of illicit discharges identified:		65		
34	Tracked the number of inspections made for illicit connections? (*Required* by August 19, 2011, S5.C.3.e)	Y			
34b.	Number of inspections:		3		
35	Received feedback from IDDE public education efforts? (*Required* by August 19, 2011, S5.C.3.e)	Y		LSAC vetted/edited outreach materials. No other citizen suggestions were received.	
36	**Attached** report on IDDE public education efforts? (*Required* by August 19, 2011, S5.C.3.d, S5.C.3.e)	NA			
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? (*Required* by August 15, 2009, S5.C.3.f.i)	Y		Stormwater inspector was hired and trained.	
37b.	Number of trainings provided:		4	Training was via daily interaction with Stormwater Mngr, EPA webinar, CESCL class, and self paced reading.	
37c.	Number of staff trained:		1		
38	Provided follow-up training as needed to address changes in procedures, techniques or requirements? (*Required* by August 15, 2009, S5.C.3.f.i)	NA			
38b.	Number of trainings provided:		0		
38c.	Number of staff trained:		0		

Question		DONE	#	Comments (50 word limit)	Attachment
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? (*Required* by February 15, 2010, S5.C.3.f.ii.)	NA			
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? (*Required* by August 15, 2009, S5.C.4)	NA		The City has hired a stormwater inspector and has developed a draft ordinance and manual with the input of LSAC and in coordinatio with Kelso, the County, and CDID1.	Longview Stormwater Manual 2009.pdf Longview Stormwater Ordinance 2009.pdf
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? (*Required* by August 15, 2009, S5.C.4)	NA			
42	Applied stormwater runoff program to private and public development, including roads? (*Required* by August 15, 2009, S5.C.4)	NA			
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? (*Required* by August 15, 2009, S5.C.4)	NA			
44	Adopted and implemented regulatory mechanism (such as an ordinance) necessary to address run-off from new development, redevelopment and construction site activities? (*Required* by August 15, 2009, S5.C.4.a)	NA			
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		Existing codified stormwater runoff controls and thresholds remain in place.	

Question		DONE	#	Comments (50 word limit)	Attachment
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? (*Required* by August 15, 2009, S5.C.4.a.i)	NA			
47	The ordinance or other enforceable mechanism includes exceptions and variance criteria equivalent to those in Appendix 1? (*Required* by August 15, 2009, S5.C.4.a.i., and Section 6 of Appendix 1)	NA			
48	Were exceptions or variances to the minimum requirements in Appendix 1 granted? (*Required* by August 15, 2009, S5.C.4.a.i., and Section 6 of Appendix 1)	NA			
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 August 15, 2009, S5.C.4.a.ii)	NA			
49b.	Cite documentation to meet this requirement in *Attachment* field:	Y			See above.
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 August 15, 2009, S5.C.4.a.iii)	NA			

Question		DONE	#	Comments (50 word limit)	Attachment
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? (*Required* by August 15, 2009, S5.C.4.a.iv)	NA		The draft Manual provides LID incentives.	
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 *required* by August 15, 2009, S5.C.4.a.v)	NA			
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? (*Required* by August 15, 2009, S5.C.4.b)	Y		This already exists, but is being updated.	
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? (*Required* by August 15, 2009, S5.C.4.b)	Y			
55	Reviewed **Stormwater Site Plans** for new development and redevelopment projects? (*Required* by August 15, 2009, S5.C.4.b.i)	Y			
55b.	Number of site plans reviewed during the reporting period:		24	Plus 26 ROW Permits	

Question		DONE	#	Comments (50 word limit)	Attachment
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**? (*Required* by August 15, 2009, S5.C.4.b.ii)	Y			
56b.	Number of qualifying sites inspected prior to clearing and construction during the reporting period:		0		
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? (*Required* by August 15, 2009, S5.C.4.b.iii)	Y		The City of Longview is developing a program for inspection as per the draft development/redevelopment ordinance that has not been adopted.	
57b.	Number of sites inspected during the construction phase for the reporting period:		0	Not yet required, and exact count not available at time of reporting	
58	Enforced as necessary based on the inspection at new development and redevelopment projects? (*Required* by August 15, 2009, S5.C.4.b.iii)	NA			
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? (*Required* by August 15, 2009, S5.C.4.b.iv and v)	Y			
59b.	Number of qualifying sites known during the reporting period:		0	Not yet required, and exact count not available at time of reporting	
59c.	Number of qualifying sites inspected during the reporting period:		0	Not yet required, and exact count not available at time of reporting	
60	Verified a maintenance plan is completed and responsibility for maintenance is assigned for qualifying projects? (*Required* by August 15, 2009, S5.C.4.b.iv)	NA			
61	Enforced regulations as necessary based on the inspection? (*Required* by August 15, 2009, S5.C.4.b.iv)	Y		Current practice is still to work closely with projects to affect compliance.	

Question		DONE	#	Comments (50 word limit)	Attachment
61b.	Number of enforcement actions taken during the reporting period:		0	No construction site required formal enforcement action.	
62	Developed and implemented an enforcement strategy to respond to issues of non-compliance with the regulations for qualifying projects? (*Required* by August 15, 2009, S5.C.4.b.vi)	NA			
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)	NA			
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? (*Required* by August 15, 2009, S5.C.4.c)	NA			
65	Adopted an ordinance or other regulatory mechanism that clearly identifies the party responsible for maintenance, requires inspection of facilities and establishes enforcement procedures? (*Required* by August 15, 2009, S5.C.4.c.i)	NA			
66	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects? (*Required* by August 15, 2009, S5.C.4.c)	NA			
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**? (*Required* by August 15, 2009, S5.C.4.c.ii)	NA		In progress.	
68	Performed timely maintenance as per S5.C.4.c.ii? (*Required* by August 15, 2009, S5.C.4.c.ii)	NA		Ongoing.	

Question		DONE	#	Comments (50 word limit)	Attachment
68b.	**Attached** documentation of any maintenance delays. *(Required* by August 15, 2009, S5.C.4.c.ii)	NA			
69	Annually inspected 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? (*Required* by August 15, 2009, S5.C.4.c.iii)	NA			
70	If using reduced inspection frequency, **Attached** documentation as per S5.C.4.c.iii? *(Required* by August 15, 2009, S5.C.4.c.iii)	NA			
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? (*Required* by August 15, 2009, S5.C.4.c.iv)	NA			
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? (*Required* by August 15, 2009, S5.C.4.d)	NA			
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			

Question		DONE	#	Comments (50 word limit)	Attachment
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? (*Required* by August 15, 2009, S5.C.4.f)	Y		Inspector was hired and trained by the Stormwater Manager, EPA webinar, CESCL class, and self-paced reading. Construction manager and both engineering inspectors also receive the CESCL recertification.	
74b.	Number of trainings provided:		4		
74c.	Number of staff trained:		1		
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? (*Required* by February 15, 2010, S5.C.5)	NA		In progress.	
76	Adopted maintenance standards 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*? (*Required* by February 15, 2010, S5.C.5.a)	NA			
77	Performed timely maintenance as per S5.C.5.a.ii? (*Required* by February 15, 2010, S5.C.5.a.ii)	NA			
77b.	**Attached** documentation of any maintenance delays. (*Required* by February 15, 2010, S5.C.5.a.ii)	NA			
78	Annually inspected and maintained all stormwater treatment and flow control facilities (other than catch basins)? (*Required* by February 15, 2010, S5.C.4.c.iii)	Y			
78b.	Number of known facilities:		17		
78c.	Number of facilities inspected during the reporting period:		17		
79	If using reduced inspection frequency, **Attached** documentation as per S5.C.5.a.ii? (*Required* by February 15, 2010, S5.C.5.b)	NA			
80	Conducted spot checks of stormwater facilities after major storms? (*Required* by February 15, 2010, S5.C.5.c)	NA			
80b.	Number of known facilities:		0		

Question		DONE	#	Comments (50 word limit)	Attachment
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* by February 15, 2010, S5.C.5.d)	NA			
81b.	Number of known catch basins:		2,500	Actual number to be determined	
81c.	Number of inspections:		777	Plus 217 manholes cleaned and 7755' of storm lines cleaned	
81d.	Number of catch basins cleaned:		777	All are cleaned upon inspection unless they are obviously clean or have no sump. This metric can be fine tuned to match this report.	
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? (*Required* by February 15, 2010, S5.C.5.f)	NA			
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? (*Required* by February 15, 2010, S5.C.5.g)	NA			
84	Initiated or 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? (Required by February 15, 2010, S5.C.5.h.)	NA			
84b.	Number of trainings provided:		0		
84c.	Number of staff trained:		0		

Question		DONE	#	Comments (50 word limit)	Attachment
85	Initiated or 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 15, 2010, S5.C.5.i)	NA			
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)	NA			
88	**Attached** status report of TMDL implementation? (S7.A)	NA			
89	Where monitoring was required in Appendix 2, did you conduct the monitoring according to an approved Quality Assurance Project Plan? (S7.A)	NA			
90	Took appropriate action to correct or minimize the threat to human health or the environment or otherwise stop or correct the condition of any instances of non-compliance with any of the terms and conditions of this Permit, including discharges from the Permittee's MS4 which may cause a threat to human heath or the environment? (G20.A)	Y		All reports of spills investiagted ASAP and all response measures are either implemented either directly or indirectly.	
90b.	**Attached** a summary of the status of implementation of any actions taken pursuant to S4.F and any information from an assessment and evaluation procedures collected during the reporting period. (S4.F.2.d)	NA			
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.B)	NA			
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? (G20.C)	NA			

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. Stormwater monitoring is not currently being performed.	Josh Johnson, P.E., (360) 442-5210
2.	
3.	
4.	
5.	
6.	

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part B for all annual reports.

B. SWMP Evaluation

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	Strategy selected is the most comprehenive identified by the city's public information specialist. Strategy compenents are of excellent quality. Effectiveness will not be measured until 2010.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	LSAC functions well. Ordinance and manual updates will recieve two hearings with Council and three months of public outreach to include web, forums, articles, and presentations. Coordination with other permitees and their advisory committees are ongoing. This BMP appears to be appropriate.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Development phase active. Coordinated assesment not conducted this reporting period. The volume of IDDE calls tripled over 2007.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	NA	Development phase active. Coordinated assesment not conducted this reporting period.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	NA	Development phase active. Coordinated assesment not conducted this reporting period.

6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	NA	Development phase active. Coordinated assesment not conducted this reporting period.

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	NA				
2					
3					
4					
5					
6					
7					

VII. Information Collection, BMP Evaluation, and Monitoring

D. Preparation for future, long-term monitoring

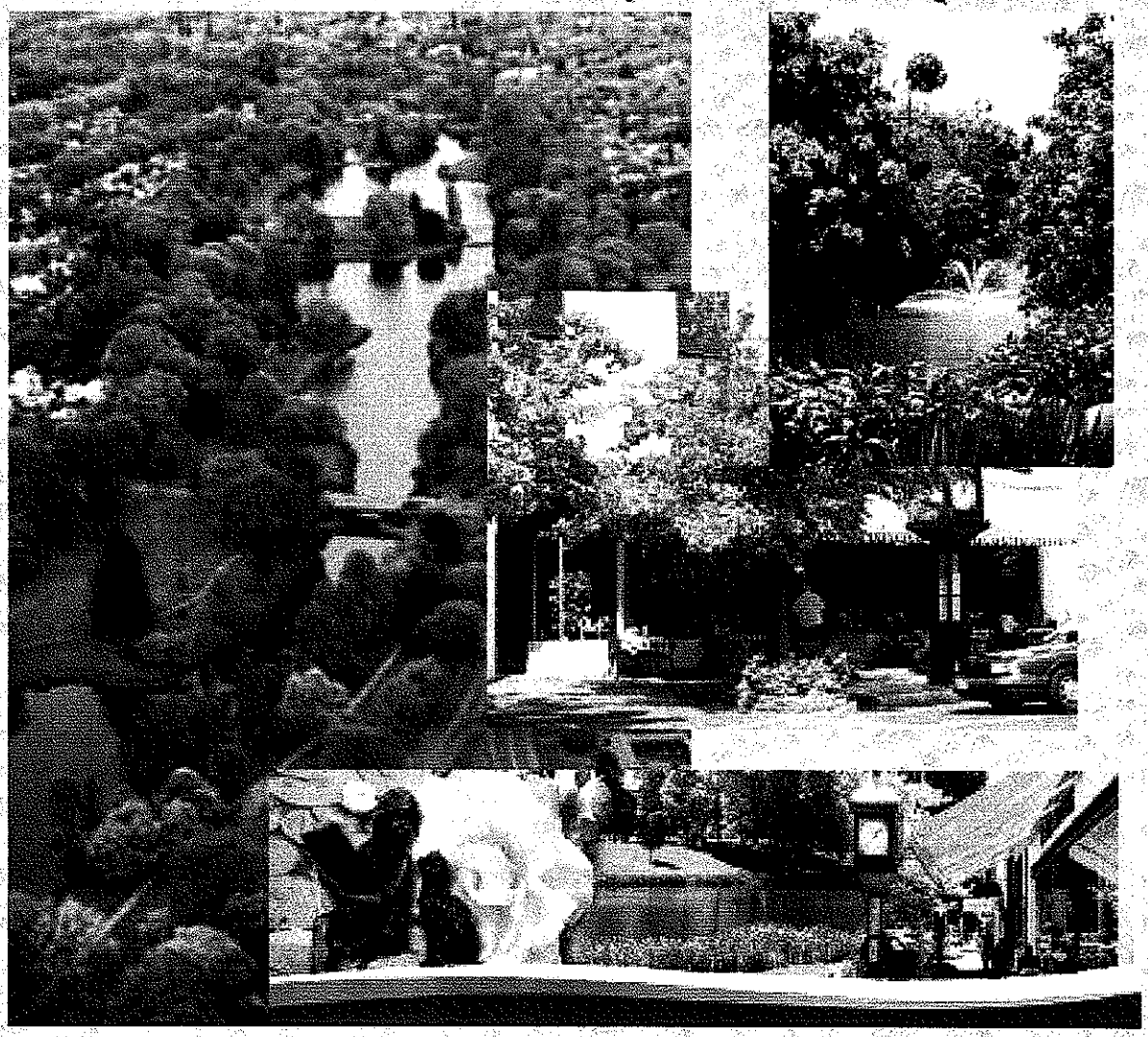
Complete section D for the fourth annual report only.

Question	Y/N/NA	Comments (50 word limit)	Name of Attachment? Page Number?
1. Identified outfalls or conveyances for long-term stormwater monitoring?			
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)			
2b. **Attach** the proposed questions and monitoring plans for SWMP effectiveness monitoring.	y		
3. Monitoring plan developed for each question? (S8.C.1.b.iii)			
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)			
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		

Annexation Case Number	Annexation Name	Status	Acres	Ordinance Number
ANX 2007-2	Totem Lane	Complete	12.2	3058
ANX 2007-7	Julie Place	Complete	32	3061
ANX 2008-1	East side 46th Avenue - 2000 Block	Waiting for 60% petition	26	
ANX 2008-2	40th Avenue/Cowan Court Area	Resolution to Council	27.5	
ANX 2008-3	42 Avenue/White Property	Resolution to Council	4	
	Completed or ordinance adopted	**TOTALS**	44.2	
	Application is being processed	**TOTALS**	57.5	

The City of Longview Washington

City of Longview Stormwater Management Program



CITY OF LONGVIEW

STORMWATER MANAGEMENT PROGRAM

REVISED 3/28/9

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- W.WA PHASE II MUNICIPAL STORMWATER PERMIT TEXT

OVERVIEW

The Western Washington Phase II Municipal Stormwater NPDES Permit authorizes the discharge of stormwater to waters of the State of Washington from municipal separate storm sewers (MS4's). As required by the Clean Water Act [CWA, 402(p)(3)], it effectively prohibits non-stormwater discharges and requires jurisdictions to apply controls to reduce the discharge of pollutants to the Maximum Extent Practicable (MEP). The Washington State Department of Ecology (Ecology) is also using the permit to satisfy its own Water Pollution Control Act, RCW 90.48.

Phase II permits affect some 100 cities and 12 counties statewide, plus many other secondary and co-permitees like diking districts, and certain school districts, colleges, and hospitals. Cities and counties covered by the permit must implement a *stormwater management program (SWMP)*. Requirements are specific and detailed with numerous compliance deadlines distributed over the five-year permit cycle.

The program is structures around the following components:

- Public education and outreach program designed to measurably reduce stormwater pollution.
- Public involvement process to guide the development of the stormwater management program.
- Adoption of ordinances to control runoff from development, redevelopment, and construction activities.
- An illicit discharge detection and elimination (IDDE) program to identify and remove improper discharges into the storm sewer system.
- An operation and maintenance program that reduces pollutant runoff from municipal operations

Detailed record keeping and reporting requirements are included to assess compliance and for adaptive management.

Permit obligations are legally binding, and there are consequences for a failure to comply with permit requirements. While Ecology's approach to compliance during the first permit cycle is technical assistance, the CWA allows third-parties (citizens) to take legal action against jurisdictions failing to comply. Violators may be subject to penalties of up to $32,500 per day per violation.

BACKGROUND

The federal Clean Water Act (1972) established water quality goals for the navigable (surface) waters of the United States. One of the mechanisms for achieving the goals of the Clean Water Act is the National Pollutant Discharge Elimination System (NPDES) permit program, which is administered by the Environmental Protection Agency (EPA). The EPA delegated responsibility to administer the NPDES permit program to most states, including the State of Washington.

In 1987, Congress amended the federal Clean Water Act (CWA) to address stormwater. The CWA established a two phase permit program. Phase I covered larger and medium-sized municipalities and counties, construction sites ≥5-acres, and major industrial sources. Later, Phase II covered smaller jurisdictions, construction sites ≥1-acre, and certain other industrial runoff. In 2000, EPA finalized the NPDES Phase II rules regulating "small" municipal separate stormwater sewer systems (MS4s).

In Washington, the Phase I permit was issued in 1995 to the cities of Seattle and Tacoma, as well as King, Pierce, Snohomish and Clark (in 1999) counties. January 17th 2007, Ecology updated the Phase I permit and issued two new Phase II permits, one each for Western and Eastern Washington.

PERMIT GENERAL SUMMARY AND TIMELINE

The timeline below provides and overview of major S5 program components deadlines. Other permit elements are listed on the next page.

S5 Program Component	Feb 16, 2007	Feb 2008	Feb 2009	Aug 2009	Feb 2010	Feb 2011	Aug 2011	Feb 2012
A. Stormwater Management Plan	Set up process to track costs, actions and activities. Partner among permittees as possible.		Begin tracking costs.				Program fully implemented	
C.1 Public Education and Outreach			Implement education program. Begin to measure understanding, adoption				Distribute IDDE info to target audiences	
C.2 Public Involvement		Program begins. SWMP and annual reports are available to the public and posted on website. Create opportunities for public input.						
C.3 Illicit Discharge Detection and Elimination (IDDE)			Establish public hotline to report spills and illicit discharges.	Adopt IDDE codes & regulations to prohibit non stormwater discharge, establish escalating enforcement. Develop enforcement strategy. IDDE staff training. Recordkeeping	Train all municipal field staff. Prioritize receiving waters for visual inspection.	System map is complete and kept updated. Assess 3 high priority water bodies.	Program fully implemented: field assessment, inspections, pro-cedures, process to ID priority areas. Distribute info on IDDE.	
C.4 Development, Redevelpmnt Construction Sites (generally, disturbing at least 1 acre)	Make NOIs for construction, industrial stormwater permits available. Recordkeeping (inspections, maintenance, enforcement).			Adopt regulations, implement program for runoff control, site plan review, inspection, enforcement, LID. Adopt/implement O&M regulations for post-construction BMPs & facilities. Staff training.				
C.5 Municipal Pollution Prevention, Operation and Maintenance					Adopt and implement SWPPP, inspection & maintenance schedule, procedures. Staff training.			

OTHER SIGNIFICANT PERMIT ELEMENTS

S1 Application for coverage

- Operators of small MS4s designated (by Ecology) as "significant contributors" (per S1.B.3) must submit NOIs w/in 120 days.
- Jurisdictions submitting NOI to Ecology after January 17, 2007 need to conduct public notification.
- Jurisdictions applying as Co-Permittees submit a joint NOI. Co-Permittees can end/amend agreements at any time.

S4.F Response to violations of Water Quality Standards

Notification and possible corrective actions may occur at any time.

S7 Compliance with Total Maximum Daily Load (TMDL) Requirements

Jurisdictions must comply with applicable TMDL requirements listed in Appendix 2 with individual timelines.

S8 Monitoring

- Report on all new stormwater monitoring studies and assessment of BMP appropriateness in each annual report.
- By December 31, 2010 select sites for long-term discharge monitoring and questions/sites for SWMP effectiveness monitoring.
- Discuss preparation for the future, long-term monitoring program in the March 2011 annual report.

S9 Reporting

- Keep all records related to the permit and the SWMP for at least five years.
- Beginning March 31,2008 submit a report for the previous calendar year using annual report forms in Appendix 3.
- Notify of changes in jurisdictional boundary with annual report.

G3 Notification of Spill

Report to Ecology within 24 hours a spill into the municipal storm sewer which could constitute a threat to human health, welfare or the environment.

G18 Duty to Reapply

Apply for permit renewal no later than August 16, 2011 (180 days before permit expiration).

G20 Non-compliance Notification

Notify Ecology within 30 days of becoming aware of permit non-compliance.

KEY (POSITIONS)

SYMBOL or ABBREVIATION	INTERPRETATION
X	Planned Completion Date
D	Permit Deadline
GIS	R. Bunch, Geographic Information Systems
IT	K. Hallowell, Information Technology
Dir	J. Cameron, PW Director
Mngr	J. Johnson, Street/Storm Manager
Sec	L. Vertrees, PW/Storm Customer Service
LSAC	Longview Stormwater Advisory Committee
Clerk	M. Wingler, Assistant City Clerk
Supv	R. Chinchen, Street/Storm Supervisor
OMngr	S. Meyers, PW/Engineering Office Manager
Info	S. Meyers, Public Information Specialist
Insp	S. Warner, Stormwater Inspector
CDID1	Consolidated Diking Improvement District #1
Acct	S. Coons, Finance / Accounting

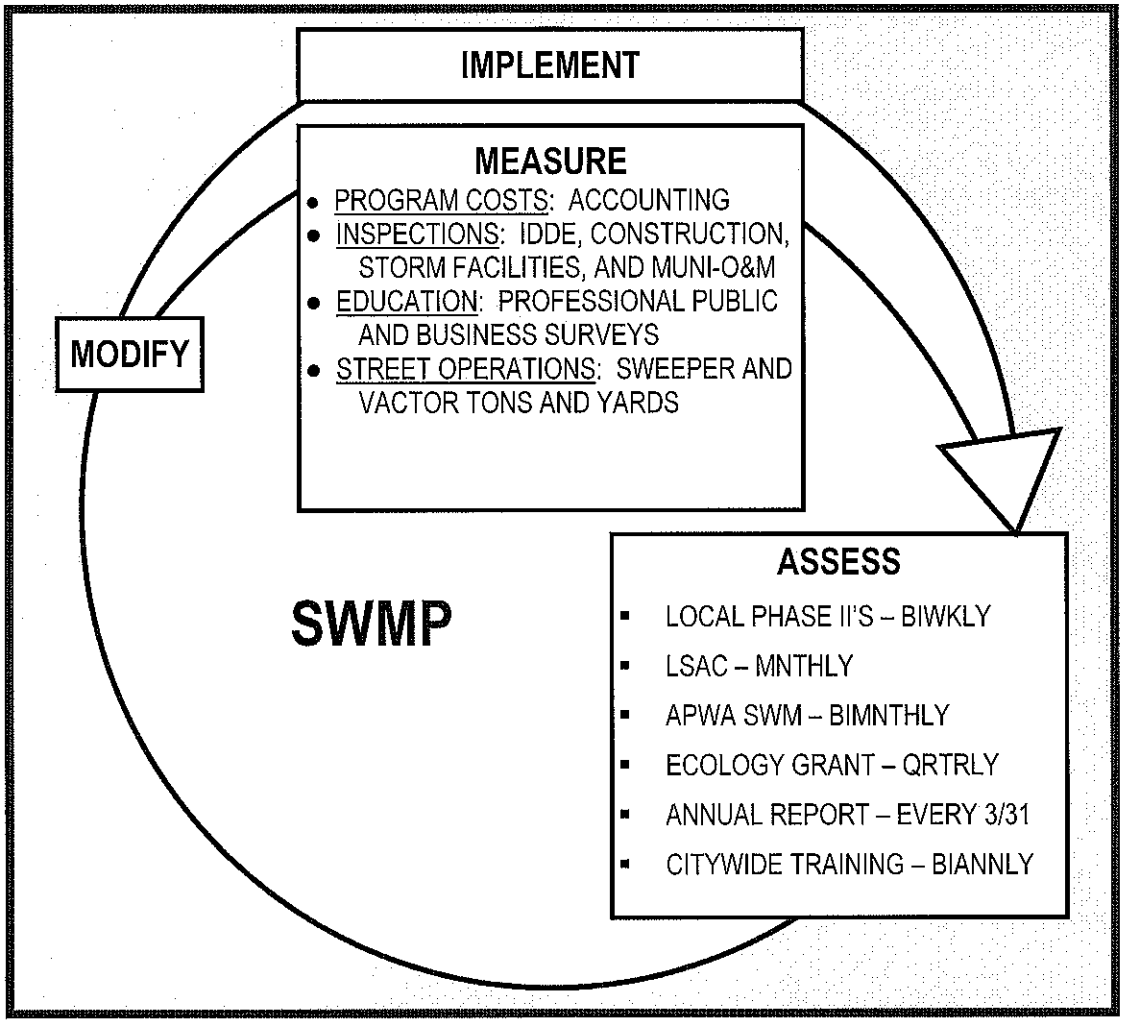
PERMIT ADMINISTRATION This section describes Permit requirements related to SWMP administration, including current and planned activities.

REQUIREMENT	WHO	TASK	2008 1 2 3 4	2009 1 2 3 4	2010 1 2 3 4	2011 1 2 3 4
Maintain SWMP designed to reduce discharge of pollutants from the MS4 to the MEP.	Mngr	Done and Posted on website (required)	Ongoing			
Set up process to track and report all related costs.	OMngr	Modify Timesheets for Sec, Insp, Mngr, GIS, Vactor, Sweeper, other crew activities, etc. (estimate for other Depts if needed)	Done	**D**		
	Sec / Acct	Modify to reflect programs: ➢ Dept. Expenditure Report – individual charges in accounts ➢ Biennial Expenditure Report – total activity in each acct. Budget's factors can complement overhead allocations	Done	**D**		
	Sec	Voucher and Expense Log & File	Done			
	Sec	Annual Costs Report (Ecology upon request, Phase II Grant)	Done			
Set up process to track all specified actions and metrics.	Mngr	IDDE Log	Done			
	Mngr/Insp	Development & Inspection Log(s)	In prog.	X		
	Sec/Insp	Development & Inspection Files	In prog.	X		
	Insp	Storm Facilities Log & Files	In prog.	X		
	Sec	Other program files	In prog.	X		
	Supv	Field Metrics for Annual Report	In prog.	X		
		Notes. Tom log cleaning vs. inspection. Revisit sump collection measurements. Put adaptive management flow chart in SWMP. Maybe list accomplishments in a separate tab in the working annual report, particularly for tallied items.				
Partner among permittees as possible.	Mngr	Local Phase II Group (Kelso, County, CDID1)	Ongoing			
Submit annual reports due 3/31 of the following year.	Mngr	Done and Posted on website (required). [These reports summarize permit compliance and SWMP implementation.]	Done	Done	**D**	**D**
Consolidate the four training components into one initiative	Insp	S5.C.3.f.i IDD&E Staff (EPA Webinar, Read SWMP)	Done	**D**		
		S5.C.3.f.ii All municipal field staff 2/15/10 (Talk. AWC Video)		X	**D**	
		S5.C.4.f DRC, Inspectors, Enforcement (CEASL class, Talk, Read SWMP)	In prog.	X**D**		
		S5.C.5.h All affected Muni O&M staff (Talk, SOPs, XCal Video)			X**D**	

PERMIT ADMINISTRATION

This section describes Permit requirements related to SWMP administration, including current and planned activities.

Adaptive Management Flowchart



INSERT NARRATIVE ABOUT THE METRICS DESCRIBED HEREIN AND HOW THEY FIT TOGETHER

PUBLIC EDUCATION STRATEGY

REQUIREMENT	WHO	TASK	TIMELINE
Provide a Public Ed. & Outreach program (materials distributed).	Sec	UTILITY INSERT – "Solution to Pollution" and "IDDE / Hotline" color pamphlets	SEE NEXT PAGE
	Sec/Clerk	B&O TAX MAILER – Same as above, plus IDDE letter.	
	Mngr, Sec, & Clerk	DIRECT MAIL – a) BMPs (plus yard debris dumping) to Landscapers/Property mngrs, Gas stations, Carpet cleaning; b) Notice to contractors, engineers, & developers advising of rule changes; c) Notice of classes, etc.; d) Notice to non-CB facility owners about O&M. Letter to all businesses, instead of first three?	
	Mngr	BUSINESS – LCCA / Chamber of Commerce Newsletters (700 copies). New Ordinances, LID, (later consider Ecology / City stormwater permits). Give presentations (Rick Winsman give to Chamber + CEDC).	
	Mngr, Insp & Sec	CLASSES – CESCL (AGC with LCCA); Landscaping & Stormwater (partner with LCCA & Master Gardeners[1]); [Discuss local BMPS & maint. of storm facilities (incl. CB's).]	
	Mngr & Insp	KIDS – 5th Grade WQ class[2]. Suzie: Later try presentations via RAL/MM Sci Depts.	
	Sec	VOLUNTEER OUTREACH – Markers, Carwash kit / coupons, Deliver flyers	
	Info	TV – Steady blend of paid and PSA with Comcast (new PSA: "Stormwater Cocktail")	
	Mngr/Info	PRINT – TDN 8-Tab (Utility, Rates, Survey Results, & WQ); Minor papers: Columbia R. Reader; Valley Bugler; Full page color TDN's In Business ($900/pg). Topics include: New Ordinance & Manual; Survey Results; Homestead #4 (EIC, LID);	
	Info/Sec	RADIO: Ray Byers' Chamber Talk. Mention Hotline, big themes during Rick's annual fall interview (about leaves). If initial program is not effective enough… Steady blend of paid & PSA w/ KUKN/KLOG & Bi-Coastal ($7.4K, $6.3K respectively).	
	Sec	ONGOING: Storm drain marking, Utility pamphlet, Earth Day (share County Fair booth with Kelso & County?), Service club speeches, Bus advertisements (inside).	
Measure understanding and adoption of targeted behaviors among targeted audiences.	Mngr	Repeat public survey.	Repeat Feb '10 Due Feb '10

[1] http://depts.washington.edu/urbhort/html/education/stormwater.htm#LANDSCAPE www.compostwashington.org alexassoc@earthlink.net & www.soilsforsalmon.org davidmcdonald@seattle.gov

[2]…plus misc Watershed Voyages projects.

PUBLIC EDUCATION STRATEGY

EXISTING INTITIATIVES TO RETAIN: www.CleanStormwater.org ($1000/yr)
Earth Day ($2500/yr); Share County Fair booth w/ Keiso & County Home & Garden show; Storm Drain marking ($2200 total for 2007-8)
Other (negl. Cost): Bus Advertising; Utility Pamphlet; Open House, Service Club Mtgs.

Targeted Audiences *Combined Public & Homeowners, and also Businesses, Landscapers, & Property Mngrs* / Targeted Behaviors	**Utility Insert**	**B&O Mailer**	**Direct Mail[2]**	**LCCA/Chamber Nwsltr**	**Lecture**	**LCCA/MG Classes**	**Kids**	**Volunteer Outreach**	**Comcast PSA/Paid**	**TDN 8-Tab**	**Minor Papers**	**Other**	**Radio**	**Exterior Bus Ad**	**Healthy lawns.org**
DATE	1/10	4/09[1]	12/09	4/09	5,8/09	5/09,10	TBD	As Available	Ongoing	10/09	Su. '09		Maybe after 2010 survey		
ANNUAL FULL (UNSHARED) COST									$6K	$2.2K			$13.7K		TBD
General public, Homeowners															
General impacts of stormwater flows into surface waters.	X						X		X	X	X				
Impacts from impervious surfaces.	X						X		X	X	X				
Source control BMPs and environmental stewardship actions and opportunities in the areas of pet waste, vehicle maintenance, landscaping and buffers.	X						X		X	X	X				
BMPs for use and storage of automotive chemicals, haz. cleaning supplies, carwash soaps and other haz. materials.	X						X		X	X					
Impacts of illicit discharges and how to report them.	X[3]						X			X	X				
Yard care techniques protective of water quality.	X						X			X	X				
BMPs for use and storage of pesticides and fertilizers.	X						X			X					
BMPs for carpet cleaning and auto repair and maintenance.	X						X			X					
Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees.	X						X			X	X				
Stormwater pond maint. (N/A: city manages all residential ponds)															
Business (w/ home-based, mobile, landscprs, proprty mngrs)															
BMPs for use and storage of automotive chemicals, haz. cleaning supplies, carwash soaps and other haz. materials.		X	X					X			X				
Impacts of illicit discharges and how to report them.		X	X					X			X				
Yard care techniques protective of water quality.		X	X			X					X				
BMPs for use and storage of pesticides and fertilizers.		X	X								X				
BMPs for carpet cleaning and auto repair and maintenance.		X	X					X			X				
Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees.		X	X			X					X				
Stormwater pond maintenance (add CB's to this message).		X	X	X	X	X					X				
Engineers, contractrs, developrs, review staff, plannrs															
Technical standards for stormwater site & erosion contrl plans.			X	X	X	X									
Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees.			X	X	X										
Stormwater treatment and flow control BMPs.			X	X	X										

[1] April 2009: IDDE Letter to business.
[2] Su 2009: Developers, Contractors, Storm facility Owners; and letters announcing any classes
Winter 2009: Mailers to target audiences (ahead of survey)
[3] Plus the additional IDDE utility insert each January.

PUBLIC EDUCATION STRATEGY

MARKET ANALYSIS PLAN

Contract with most qualified firm to design and conduct survey and to analyze and report the results for the Longview-Kelso area. Survey will be conducted before and (periodically) after implementation of Public Education & Outreach Plan. Cost and practical considerations will limit scope to two surveys of ±5% accuracy. One targeting the general public plus homeowners and second for a large subset of commercial interests having the greatest impact on surface water quality (to include businesses licensed to operate within Longview & Kelso, including, including mobile and home-based).

General Public and Homeowners

- General impacts of stormwater flows into surface waters.
- Impacts from impervious surfaces.
- Source control BMPs and environmental stewardship actions and opportunities in the areas of pet waste, vehicle maintenance, landscaping and buffers.
- BMPs for use and storage of automotive chemicals, haz. cleaning supplies, carwash soaps and other haz. materials.
- Impacts of illicit discharges and how to report them.
- Yard care techniques protective of water quality.
- BMPs for use and storage of pesticides and fertilizers.
- BMPs for carpet cleaning and auto repair and maintenance.
- Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees.
- Stormwater pond maintenance.

Business: Target Audiences – Landscapers, Property Managers, Engineers, Developers, Contractors, Auto-related, Carpet Cleaning, Other (to expand WQ subset: Pets, Industrial, Restaurants, etc.)

- Topics for whole WQ subset of businesses:
  - BMPs for use and storage of auto. chemicals, haz. cleaning supplies, carwash soaps & other haz. matls.
  - Impacts of illicit discharges and how to report them.
  - Yard care techniques protective of water quality.
  - BMPs for use and storage of pesticides and fertilizers.
  - BMPs for carpet cleaning and auto repair and maintenance.
  - Stormwater pond [facility] maintenance.
- Topics for specific target audiences:
  - Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees.
  - Technical standards for stormwater site and erosion control plans.
  - Stormwater treatment and flow control BMPs.

PUBLIC INVOLVEMENT This section describes Permit requirements related to Public Involvement, including current and planned compliance activities.

REQUIREMENT	WHO	TASK	2008 1 2 3 4	2009 1 2 3 4	2010 1 2 3 4	2011 1 2 3 4
Create opportunities for Public to participate in development of SWMP.	Sec	Stormwater Advisory Committee in its education and orientation phase. Not many decisions available at this time for review.	Done			
Post SWMP, the Annual Report, and other submissions	Mngr	'07 & '08 Reports and current SWMP posted.	Done	Done	**D**	**D**

MEMBER	REPRESENTATION	AFFILIATION	TERM EXPIRES	ROLE	ALTERNATE
Jim Fisher	Resident		Feb 2010	Chair	
Ray Caldwell	Stormwater Permittee	All-Out Sewer & Drain Services	Feb 2011	Vice-Chair	Jeanette Scibelli, LCCA
Steve Webb	Developer	CAP	Feb 2010		
Margaret Green	Resident		Feb 2011		
Seth Foster	Student	Lower Columbia College (LCC)	Unconfirmed		
Steve Scheet	Resident		Feb 2011		
Kris Klegler	Development-related Business	C & R Tractor & Landscaping	Feb 2010		

ILLICIT DISCHARGE DETECTION & ELIMINATION

This section describes Permit requirements related to IDDE, including current and planned compliance activities.

An illicit discharge means "any discharge to a municipal storm system that is not composed entirely of stormwater . . . [few exceptions apply]" and illicit connection means "any man-made conveyance that is connected to a municipal storm system w/out a permit (excluding roof drains and other similar type connections) such as sanitary sewer connections, floor drains, etc."

REQUIREMENT	WHO	TASK	2008 1 2 3 4	2009 1 2 3 4	2010 1 2 3 4	2011 1 2 3 4
Develop / Maintain MS4 map	GIS, Supv, Insp, CDID1	Done				
Pass an ordinance.	Dir & Atty LSAC Mngr Mngr	• Staff final review of ordinance (done prior to combining) • LSAC approval of ordinance and Manual (ditto) • Outreach: Fact sheet, Presentations, Web, Articles, Forums • Pass ordinance		X X X XD		
IDDE Program (SOPs for . . .)	Insp/GIS Insp Insp Insp Insp	• Prioritize receiving waters. Begin (dry season) inspections. Use CWP process to screen for illicit connections. • Receiving water field assessments (three high priority, then 1/yr) • SOPs: Spill/Threat response and reporting • SOPs: Tracing source (incl. open MH's, TV'ing, Sampling) and removal (notify, tech assist, follow-up insp., escl. enforcmnt) • Train City field staff on IDDE	Done[1] ASAP[2]	X	D X X	D D
Hotline	Sec/Mngr/IT	• Hotline established, published and advertised as 578-0900. This is also the new PW after-hours line. It is owned by the City and is managed by Karen Giddeon of Professional Communication Services, 425-2515, and is listed in the phonebook.	Done	D		

[1] No hard deadlines, compliance is performance-based (refer/respond w/in 7-days on average)
[2] No hard deadlines, compliance is performance-based (investigate w/in 21-days, terminate w/in 180)

DEVELOPMENT, REDEVELOPMENT CONSTRUCTION, POST DEVELOPMENT

This section describes Permit requirements related to Development and Storm facilities including current and planned compliance activities.

Stormwater Ordinance Schedule (IDDE and Development are combined)

4/08/09 AM	Final staff review of ordinance, good review of Manual
4/08/09 PM	LSAC approve Stormwater ordinance and review Manual & Council presentation
4/10 & 17/09 (Friday)	Deadline for agenda and copy submission to Council, respectively
4/24/09	Council presentation
May & June	Community workshops
6/12 & 19/09 (Friday)	Deadline for agenda and copy submission to Council, respectively
6/25/09	Council first reading of ordinance
7/09/09	Council second reading of ordinance
8/15/09	Permit deadline for IDDE content to be effective and Development content to be passed

DEVELOPMENT, REDEVELOPMENT CONSTRUCTION, POST DEVELOPMENT

This section describes Permit requirements related to Development and Storm facilities including current and planned compliance activities.

REQUIREMENT	WHO	TASK	2008 J A S O N D	2009 J F M A M J J
Write a new Stormwater Manual	Mngr	*Collate* known corrections and long-time desired upgrades. *Streamline* – make more user friendly, *Clarify* known gray areas (like water quality, gravel imperviousness), *Add* some level of enforcement close loopholes, *Borrow* best practices from SW WA, Incorporate *Permit* requirements, Promote *LID* where possible – and make it easy to comply with the SWMWW onsite provisions (downspouts, driveways, soils), cultivate local *soil quality* providers. *Harmonize* with Kelso, County. Address "ugly" facilities, regional detention, and infiltration testing. • Private facility cleaning and inspection: Require O&M for all stormwater facilities [instead of only new facilities from larger projects, excluding catch basins (CB's), per S5.C.4.c]. The permit requires that pre-existing local ordinances stand: LMC 17.80.060 requires maintenance and gives inspection authority. 17.80.098 makes failure to maintain a facility a Class 1 Civil Infraction. Current strategy is permit compliance, then quickly expand inspector's reach to pre-existing non-CB facilities. CB O&M will be emphasized in the Public Education campaign. Later, increasing the enforcement profile for CB's could help Longview avoid or respond to a TMDL.		X
Pass an ordinance.	Dir & Atty LSAC Mngr Mngr	• Staff final review of ordinance and Manual • LSAC approval of ordinance and Manual • Outreach: Fact sheet, Presentations, Web, Articles, Forums • Pass ordinance		X X X X**D**
Site Planning & Review Process	Insp	Prepare a Development Review Committee (DRC) SOP / Flow chart for this SWMP. Attach T.Gorman's stormwater review checklist.	X	X
Record Keeping	Insp	Work with Sec & Mngr to improve system that satisfies S5.C.4.d	On going	

DEVELOPMENT, REDEVELOPMENT CONSTRUCTION, POST DEVELOPMENT

This section describes Permit requirements related to Development and Storm facilities including current and planned compliance activities.

The Permit (Section S5.C.4) requires the City to:

- Develop, implement, and enforce a program to reduce pollutants in stormwater runoff (i.e., illicit discharges) to the municipal separate storm sewer system from new development, redevelopment and construction site activities, both private and public projects, including roads.
- Adopt regulations (codes and standards) and implement plan review, inspection, and escalating enforcement processes and procedures necessary to implement the program in accordance with Permit conditions, including the minimum technical requirements in Appendix 1 of the Permit (i.e., 2005 Ecology Stormwater Management Manual for Western Washington, equivalent Phase I Manual, or other approved manual).
- Allow non-structural preventive actions and source reduction approaches such as Low Impact Development techniques (LID), measures to minimize the creation of impervious surfaces and measures to minimize the disturbance of native soils and vegetation.
- Adopt regulations (codes and standards) and provide provisions to verify adequate long-term operations and maintenance of new post-construction permanent stormwater facilities and best management practices (i.e., private drainage system inspections) in accordance with Permit conditions, including an annual inspection frequency and/or approved alternative inspection frequency and maintenance standards for private drainage systems as protective as those in Chapter IV of the 2005 Ecology Stormwater Management Manual for Western Washington.

Current activities include:

- The City has developed and implemented a program to reduce pollutants in stormwater runoff to the municipal separate storm sewer system from new development, redevelopment and construction site activities. The City enforces this program through the Civil Code.
- The City has existing programs, codes, standards, processes and procedures and a data management system that addresses the Permit requirements for management of stormwater runoff from development, redevelopment, and construction sites.
- The Clearing and Grading permit addresses construction site temporary erosion and sedimentation (and other construction-related pollution) control and the remainder of the Stormwater Runoff Control Guidelines address permanent storm flow control and water quality treatment facility construction. The City requires and completes construction and stormwater site inspections during pre- and post-construction phases. The City has a post-construction maintenance program for public stormwater facilities.

Longview has a program to help reduce stormwater runoff from new development and construction sites but updates will be necessary to maintain compliance as Ecology phases in Permit requirements. Actions that are recommended for continued compliance include:

- Adopting the 2005 W.WA Stormwater Manual.
- Updating codes and standards to reflect the new manual.
- Incorporating other long-overdue corrections and updates to the existing Guidelines text, as applicable.
- Developing new standardized plan review, inspection, enforcement and compliance documentation and tracking processes and procedures.
- Revising and adopting post-construction private drainage system maintenance standards.
- Continuing to support Ecology by distributing copies of the Notice of Intents for Construction Activity and Industrial Activity.

MUNICIPAL OPERATIONS & MAINTENANCE

This section describes Permit requirements related to Municipal O&M practices, including current and planned compliance activities.

The Permit (Section S5.C.5) requires the City to:

- Develop and implement an operations and maintenance (O&M) program with the ultimate goal of preventing or reducing pollutant runoff from municipal separate stormwater system and municipal operations and maintenance activities.
- Establish maintenance standards for the MS4 that are at least as protective as those specified in the 2005 W. WA SWM
- Inspect stormwater facilities (incl. catch basins) as prescribed, unless previous inspection data show that a reduced frequency is justified.
- Conduct O&M for municipal streets, parking lots, roads, properties, etc in a manner to reduce pollutants in discharges.
- Prepare SWPPPs for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the City.
- Provide training to all affected parties.

The City currently has activities and programs that meet the Permit requirements. The current compliance activities associated with the above Permit requirements include:

- The City has an O&M program with the ultimate goal of minimizing pollutant runoff from municipal operations.
- O&M standards including some from the '05 W.WA.SWM are already in use, although as yet all standards have not been formally adopted.
- The City currently is on track to comply with required municipal storm inspection frequencies.
- Some ongoing O&M training is provided.
- The City has created a list of City owned properties that will need SWPPPs.

Longview performs many activities to limit stormwater pollution potential related to its municipal operations and maintenance program. However, updates will be necessary to maintain compliance as Ecology phases in Permit requirements. Actions recommended for continued compliance include are outlined below:

WHO	TASK	2008 1 2 3 4	2009 1 2 3 4	2010 1 2 3 4
Insp / Mngr	• Stormwater Facilities – Jazz-up the Ponds/Bioswales Manual, include the new requirements and a spreadsheet (or equivalent system) for tracking them.		X	**D**
	• Catch Basins – Use existing systems to monitor cleaning frequency and ascertain program effectiveness.	ASAP		
	• Write the required SOPs, Policies, and Plans (see next page)		X	**D**
	• Training of all affected personnel (Parks, Traffic, Fire, etc...)		X	**D**

MUNICIPAL OPERATIONS & MAINTENANCE This section describes Permit requirements related to Municipal O&M practices, including current and planned compliance activities.

REQUIRED PHASE II SOPS, POLICIES, AND PLANS FOR MUNICIPAL OPERATIONS

	2005 W.WA SWM Vol IV	*Practice*	*Notes and Possible Impacts. [Use W.WA SWM for guidance only unless task is* ***bolded****]*	*Due Date*	*Water / Sewer*	*Street / Storm*	*Traffic*	*Parks*	*Golf*	*Fire*
S.5.C.5.f [Observe practices then…] write or modify SOPs	2-40	Pipe cleaning	Minimal guidance provided. **Catch Basins: Design program to keep CB's <60% full or >6" below inverts. Program must be studied.**	Feb 2010	√	√				
	2-38,40	Cleaning of culverts that convey runoff in ditch systems	Minimal guidance provided in 2005 W.WA SWM	ditto		√				
	2-38	Ditch maintenance	May require more re-seeding of bare spots.	ditto		√				
	2-62	Street cleaning	Discourages mechanical sweeping. Document program strengths vs. weaknesses. Longview trades sweeper efficiency for sweep frequency. Evaluate long-term option to replace Pelicans with regenerative air or high efficiency vacuum rigs…measures may include (volume-removed, particle size). **Comply w/ App 6: Street Waste (App IV-G in the Manual)**	ditto. Sweep study is low priority for now.		√				
		Road repair and resurfacing, including pavement grinding	No guidance provided in 2005 W.WA SWM	ditto		√				
	2-14	Snow and ice control	No issues	ditto		√				
		Utility installation	No guidance provided in 2005 W.WA SWM	ditto	√	√				
		Pavement striping maintenance	No guidance provided in 2005 W.WA SWM	ditto			√			
	2-36	Maintaining roadside areas, including vegetation management, ROW maint.	No issues. Address sidewalk weed-washing.	ditto		√				
	2-16	Dust control	Recommends dust suppressants on alleys. Complaints are few, so wait.	ditto		√				
S.5.C.5.i SWPPPs for equip & storage yards or shops *	2-48	Vehicle & equipment yard	Oil/Water separator if: ≥25 diesel rigs >10-ton gross, or ≥100 ADT/day/1000-sqft bldg	Per SWPPP	"No City yard meets these criteria" M.Deggs					
	2-19	Dedicated fueling sites	Cover/contain only if "new or substantially remodeled"	ditto				Possible later		
	2-60	Storage of solids	Perimeter control plus inlet protection at a minimum	ditto		√		?	?	
	2-58	Storage of liquids	Overfill protection, repaint tank, signage, etc	ditto			√	√	√	
	2-64	Washracks	Ban on washing unless in a washrack. R.Chamberlain washes building with a "green" product, all rinseate goes to grounds, not storm sewer.	ditto	√			√	√	√
	2-34	Illicit discharges to MS4	Dechlorinate Fire Hall training water. SOP for practice burns.	Su '09						√
	2-34	Illicit discharges to MS4	Dechlorinate Water/Sewer discharges (Done, I think; so get in an SOP).	ditto		√				
	2-34	Illicit discharges to MS4	Re-plumb Golf shop floor drain to sanitary. Install oil/water pre-treatment.	ditto					√	
S5.C.5.g Policies & SOPs *		Nutrient Management Plans	Copy others'? Golf & Parks should already have something.	2 '10		√		√	√	
		Integrated Pest Management Plan	Ditto. Also check with Facilities Maintenance.	ditto		√		√	√	
	2-52	Erosion Control	Get supervisors, leads, and inspectors CESCL training.	ditto	√	√		√	√	
	2-23	Landscape maint. & vegetatn disposal	(Reference Al's tree program? Change lake watering practice.)	ditto				√	√	
		Trash Management	No Guidance (what, like covered dumpsters?)	ditto	√	√	√	√	√	√
	2-63	Building Exterior maintenance.	R.Chamberlain: "Buildings are washed with a 'green' bio-degradable product, all rinseate goes to grounds, not storm sewer."	ditto						

* Consider one non-Industrial NPDES Master SWPPP to include or refer out sections for the unique processes and attributes of each covered facility and the required S5.C.5.g policies.

MONITORING

This section describes Permit requirements related to monitoring, including current and planned compliance activities.

REQUIREMENT	WHO	TASK	2008 1 2 3 4	2009 1 2 3 4	2010 1 2 3 4	2011 1 2 3 4
ID one monitoring site each for: ❖ Commercial land-use ❖ High density residential	Mngr / Insp				XD	
Prepare monitoring plan based on the scientific method to: ❖ Measure effectiveness of any chosen BMP ❖ Measure SWMP effectiveness for a chosen outcome.	Mngr, Consultant, or Intern				X D	