



Water Quality Program

Permit Submittal Electronic Certification

Permittee: LONGVIEW CITY OF

Permit Number: WAR045013

Site Address: 1525 BROADWAY
Longview, WA 98632

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2016

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.2	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	City of Longview 2016 SWMP_1_03312016083503
2	S9.D.5	Attach 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 per S9.D.5.	Not Applicable
3	S5.A.3	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.	Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)	Yes
5	S5.C.1.a.i and ii	Attach description of public education and outreach efforts conducted per S5.C.1.a.i and ii.	City of Longview 2015 Educatio_5_03312016083516
6	S5.C.1.b	Created stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.1.b.	Yes
7	S5.C.1.b	Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than February 2, 2016, S5.C.1.b)	Not Applicable
7b	S5.C.1.b	Attach description of how this requirement was met.	

8	S5.C.2.a	Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.C.2.a)	The Longview Stormwater Advisory Committee (LSAC) was involved with and provided input to the 2015 update of the City's SWMP. Additionally, the SWMP is publicly available on the City's website and the City encourages and invites the participation of all citizens and stakeholders in development and implementation of its stormwater program plans and policies.
9	S5.C.2.b	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.2.b)	Yes
9b	S5.C.2.b	List the website address.	http://www.mylongview.com/index.aspx?page=520
10	S5.C.3.a.i - vi	Maintained a map of the MS4 including the requirements listed in S5.C.3.a.i.-vi.	Yes
11	S5.C.3.b.v	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.C.3.b. (S5.C.3.b.v)	Yes
12	S5.C.3.b.vi	Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.C.3.b.vi. (Required no later than February 2, 2018)	Not Applicable
12b		Cite the Prohibited Discharges code reference	
13	S5.C.3.c.i	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.3.c.i.	Yes

13b	S5.C.3.c.i	Cite methodology	The City of Longview's methodology for detecting and identifying non-stormwater discharges and illicit connections consist of a variety of annual field screening activities, including: 1) Priority outfalls during dry weather; 2) Catch basin and manhole inspections in conjunction with O&M activities; 3) Video inspections as needed; 4) Permit-driven potential pollutant source or connection inspections; and 5) Illicit discharge response follow up inspections for potential illicit connections. For specific procedures for conducting investigations and identifying potential sources, Longview uses Ecology-approved documents and standard operating procedures (SOPs) from our IDDE Program manual.
14	S5.C.3.c.i	Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2017 (except no later than June 30, 2018 for the City of Aberdeen) and 12% on average each year thereafter. (S5.C.3)	10
15	S5.C.3.c.ii	List the hotline telephone number for public reporting of spills and other illicit discharges. (S5.C.3.c.ii)	360-578-0900
15b	S5.C.3.c.ii	Number of hotline calls received.	2
16	S5.C.3.c.iii	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.3.c.iii.	Yes
17	S5.C.3.c.iv	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.3.c.iv)	Yes

17b	S5.C.3.c.iv	Describe the information sharing actions. (S5.C.3.c.iv)	The City of Longview's stormwater public education and outreach program includes a major focus on informing businesses and the general public on water quality impacts associated with illicit discharges and improper disposal of waste. The Stormwater Division ensures that all City staff are properly trained on the appropriate stormwater SOPs and SWPPPs for their operations and activities.
18	S5.C.3.d	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.3.d.	Yes
19	S5.C.3.d.iv	Number of illicit discharges, including illicit connections, eliminated during the reporting year. (S5.C.3.d.iv)	24
20	S5.C.3.d.iv	Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timeline per S5.C.3.d.iv	City of Longview 2015 IDDE Act_20_0331201608544 1
21	S5.C.3.e	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.3.e.	Yes
22	S5.C.4.a	Implemented an ordinance or other enforceable mechanism to address runoff from new development, redevelopment and construction sites per the requirements of S5.C.4.a.	Yes
24	S5.C.4.a.i	Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
25	S5.C.4.a.i	Number of variances granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
26	S5.C.4.b.i	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.i)	Yes
26b	S5.C.4.b.i	Number of site plans reviewed during the reporting period.	4
27	S5.C.4.b.ii	Inspected, prior to clearing and construction, permitted 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 Damage Potential, or alternatively, inspected all construction sites meeting the minimum thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.ii)	Yes

27b	S5.C.4.b.ii	Number of construction sites inspected per S5.C.4.b.ii.	3
28	S5.C.4.b.iii	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls. (S5.C.4.b.iii)	Yes
28b	S5.C.4.b.iii	Number of construction sites inspected per S5.C.4.b.iii.	5
29	S5.C.4.b.ii, iii and	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.4.b.ii, iii and v)	4
30	S5.C.4.b.iv	Inspected all permitted development sites that meet the thresholds in S5.C.4.a.i upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.4.b.iv)	Yes
31	S5.C.4.b.ii-iv	Achieved at least 80% of scheduled construction-related inspections. (S5.C.4.b.ii-iv)	Yes
32	S5.C.4.b.iv	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects. (S5.C.4.b.iv)	Yes
33	S5.C.4.c	Implemented provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed pursuant to S5.C.4. a and b. (S5.C.4.c)	Yes
35	S5.C.4.c.iii	Annually inspected stormwater treatment and flow control BMPs/facilities per S5.C.4.c.iii.	Yes
35b	S5.C.4.c.iii	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.4.c.iii	Not Applicable
36	S5.C.4.c.iv	Inspected new residential stormwater treatment and flow control BMPs/facilities and catch basins every 6 months per S5.C.4.c.iv to identify maintenance needs and enforce compliance with maintenance standards.	Yes
37	S5.C.4.c.v	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.4.c.v)	Yes
38	S4.C.4.c.vi	Verified that maintenance was performed per the schedule in S5.C.4.c.vi when an inspection identified an exceedance of the maintenance standard.	Yes
38b	S5.C.4.c.vi	Attach documentation of any maintenance delays. (S5.C.4.c.vi)	Not Applicable
39	S5.C.4.d	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.d)	Yes

40	S5.C.4.e	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 are trained to conduct these activities. (S5.C.4.e)	Yes
42	S5.C.4.g	Participated and cooperated with the watershed-scale stormwater planning process led by a Phase I county. (S5.C.4.g)	Not Applicable
43	S5.C.5.a	Implemented 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.	Yes
44	S5.C.5.a	Applied a maintenance standard that is not specified in the Stormwater Management Manual for Western Washington.	No
44b	S5.C.5.a	Please note what kinds of facilities are covered by this alternative maintenance standard. (S5.C.5.a)	
45	S5.C.5.a.ii	Performed timely maintenance per S5.C.5.a.ii.	Yes
46	S5.C.5.b	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	Yes
46b	S5.C.5.b	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	72
46c	S5.C.5.b	Number of facilities inspected during the reporting period. (S5.C.5.b)	72
46d	S5.C.5.b	Number of facilities for which maintenance was performed during the reporting period. (S5.C.5.b)	70
47	S5.C.5.b	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.5.b.	Not Applicable
48	S5.C.5.c	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.5.c.	Yes
49b	S5.C.5.d	Number of known catch basins.	3438
49c	S5.C.5.d	Number of catch basins inspected during the reporting period.	1102
49d	S5.C.5.d	Number of catch basins cleaned during the reporting period.	1102
50	S5.C.5.d.i-ii	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.5.d.i or ii)	Not Applicable
51	S5.C.5.f	Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.5.f)	Yes
52	S5.C.5.g	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.5.g.)	Yes

53	S5.C.5.h	Implemented a Stormwater Pollution Prevention Plan 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 an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.5.h)	Yes
54	S7.A	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Not Applicable
55	S7.A	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)	Not Applicable
56	S8.A	Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.	Not Applicable
57	S8.B.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for status and trends monitoring. (S8.B.1)	No
57B	S8.B.2	If choosing to conduct individual status and trends monitoring, attach an annual stormwater monitoring report in accordance with S8.B.2. (Required to submit reports beginning March 31, 2016)	
58	S8.C.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for effectiveness studies. (S8.C.1) (Required to begin no later than August 15, 2014)	Yes
58b	S8.C.2	If choosing to conduct discharge monitoring, attach an annual stormwater monitoring report in accordance with S8.C.2 and Appendix 9. (Required to submit reports beginning March 31, 2016)	
59	S8.D.1	Contributed to the RSMP for source identification and diagnostic monitoring information repository in accordance with S8.D.1. (Required to begin no later than August 15, 2014)	Yes
60	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)	Yes
61	G3	Number of G3 notifications provided to Ecology.	6
62	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
63	S4.F.1	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)	Not Applicable
64	S4.F.3.a	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	Not Applicable

65	S4.F.3.d	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable
66	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Not Applicable
67	G20	Number of non-compliance notifications (G20) provided in reporting year.	0
67b	G20	List the permit conditions described in non-compliance notification(s).	Not Applicable

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jeff Cameron, PE

3/31/2016 1:55:57 PM

Signature

Date

STORMWATER MANAGEMENT PROGRAM



2016

City of Longview



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*This document outlines the City of Longview's Stormwater Management Program
in compliance with the provisions of
The State of Washington Water Pollution Control Law Chapter 90.48 Revised Code of Washington
and
The Federal Water Pollution Control Act (The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.*

Abbreviations and Acronyms

BMP	Best Management Practice
CDID #1	Consolidated Diking Improvement District #1
City	City of Longview
Ecology	Washington Department of Ecology
IDDE	Illicit Discharge Detection and Elimination
K-12	Kindergarten through 12 th Grade
LMC	Longview Municipal Code
LSAC	Longview Stormwater Advisory Committee
LID	Low Impact Development
MS4	Municipal Separate Storm Sewer System
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance
Permit	Western Washington Phase II NPDES Municipal Stormwater Permit
PSA	Public Service Announcement
RSMP	Puget Sound Regional Stormwater Monitoring Program
SIDIR	Source Identification Information Repository
SWMP	Stormwater Management Program
SWPPP	Stormwater Pollution Prevention Plan

STORMWATER MANAGEMENT PROGRAM

CITY OF LONGVIEW

TABLE OF CONTENTS

INTRODUCTION	1
Background	1
The City of Longview Municipal Separate Storm Sewer System.....	2
Stormwater Management Program Plan.....	2
SWMP Administration.....	4
PUBLIC EDUCATION AND OUTREACH	5
Permit Requirements	5
Minimum Performance Measures:.....	5
Completed and Current Activities.....	6
Planned Activities.....	8
PUBLIC INVOLVEMENT AND PARTICIPATION	9
Permit Requirements	9
Minimum Performance Measures:.....	9
Completed and Current Activities.....	9
Planned Activities.....	10
ILLICIT DISCHARGE DETECTION AND ELIMINATION	11
Permit Requirements	11
Minimum Performance Measures:.....	11
Completed and Current Activities.....	12
Planned Activities.....	13
CONTROLLING RUNOFF FROM NEW DEVELOPMENT, REDEVELOPMENT AND CONSTRUCTION SITES	14
Permit Requirements	14
Minimum Performance Measures:.....	14
Completed and Current Activities.....	15
Planned Activities.....	17

MUNICIPAL OPERATIONS AND MAINTENANCE 19
Permit Requirements 19
 Minimum Performance Measures:..... 19
Completed and Current Activities..... 20
Planned Activities..... 21

COMPLIANCE WITH TOTAL MAXIMUM DAILY LOAD REQUIREMENTS 23
Permit Requirements 23
 Minimum Performance Measures:..... 23
Completed and Current Activities..... 23
Planned Activities..... 23

MONITORING AND ASSESSMENT..... 25
Permit Requirements 25
 Minimum Performance Measures:..... 25
Completed and Current Activities..... 25
Planned Activities..... 26

INTRODUCTION

Background

The National Pollutant Discharge Elimination System (NPDES) is the program created under the Federal Clean Water Act to address water pollution by regulating point sources that discharge pollutants to waters of the United States. These sources are regulated by a set of permits which are administered by the Washington Department of Ecology (Ecology) in Washington State. Permitted discharges include municipal separate storm sewer systems (MS4's), which collect and convey stormwater runoff to surface waters. As an operator of a MS4, the City of Longview is required to have coverage under Ecology's NPDES municipal stormwater permit program.

The Western Washington Phase II Municipal Stormwater Permit (Permit) outlines stormwater program activities and implementation milestones that the City must follow to comply with the Clean Water Act. Each stormwater Permit holder is required to develop a Stormwater Management Program (SWMP) that outlines the required activities, implement those activities within the required timeframes of the permit term, and submit annual reports to Ecology by March 31st each year to document progress toward permit compliance. The City of Longview was first issued its Permit by Ecology in 2007 and has been implementing a SWMP since that time. The Permit was reissued in 2012 and is effective until July 31, 2018. The geographic area of Permit coverage and the SWMP is the entire incorporated area of the City and all future annexed areas.



Longview's Lake Sacajawea

The City of Longview Municipal Separate Storm Sewer System

The City of Longview owns and maintains a system designed for the safe collection, conveyance and passage of stormwater runoff known as a municipal separate storm sewer system or MS4. The MS4 includes all municipal roads and streets, curbs, gutters, catch basins, storm pipes, roadside ditches, culverts, man-made channels, pumps and other conveyances which are owned or operated by the City.

Various portions of the City's MS4 discharge to a number of different water bodies including Lake Sacajawea, the Cutoff Slough, and the man-made flood control ditches managed by the Consolidated Diking Improvement District #1 (CDID #1). The vast majority of Longview lies within CDID #1's system of flood protection levees, while the higher elevations of the City drain to Ditch 6 at the levee perimeter. Due to the nature of this controlled system, the City's stormwater discharges can ultimately only reach the receiving waters of either the Cowlitz or Columbia Rivers through a series of flood control pump stations.

Longview's MS4 shares a border with the portion of the City of Kelso's MS4 that lies west of the Cowlitz River and Cowlitz County's MS4 that is contiguous with Longview's city limits. The City works closely with both Kelso and the County on interconnected stormwater infrastructure and common watersheds, as well as overall implementation of several stormwater program elements and Permit-related requirements.

Stormwater Management Program Plan

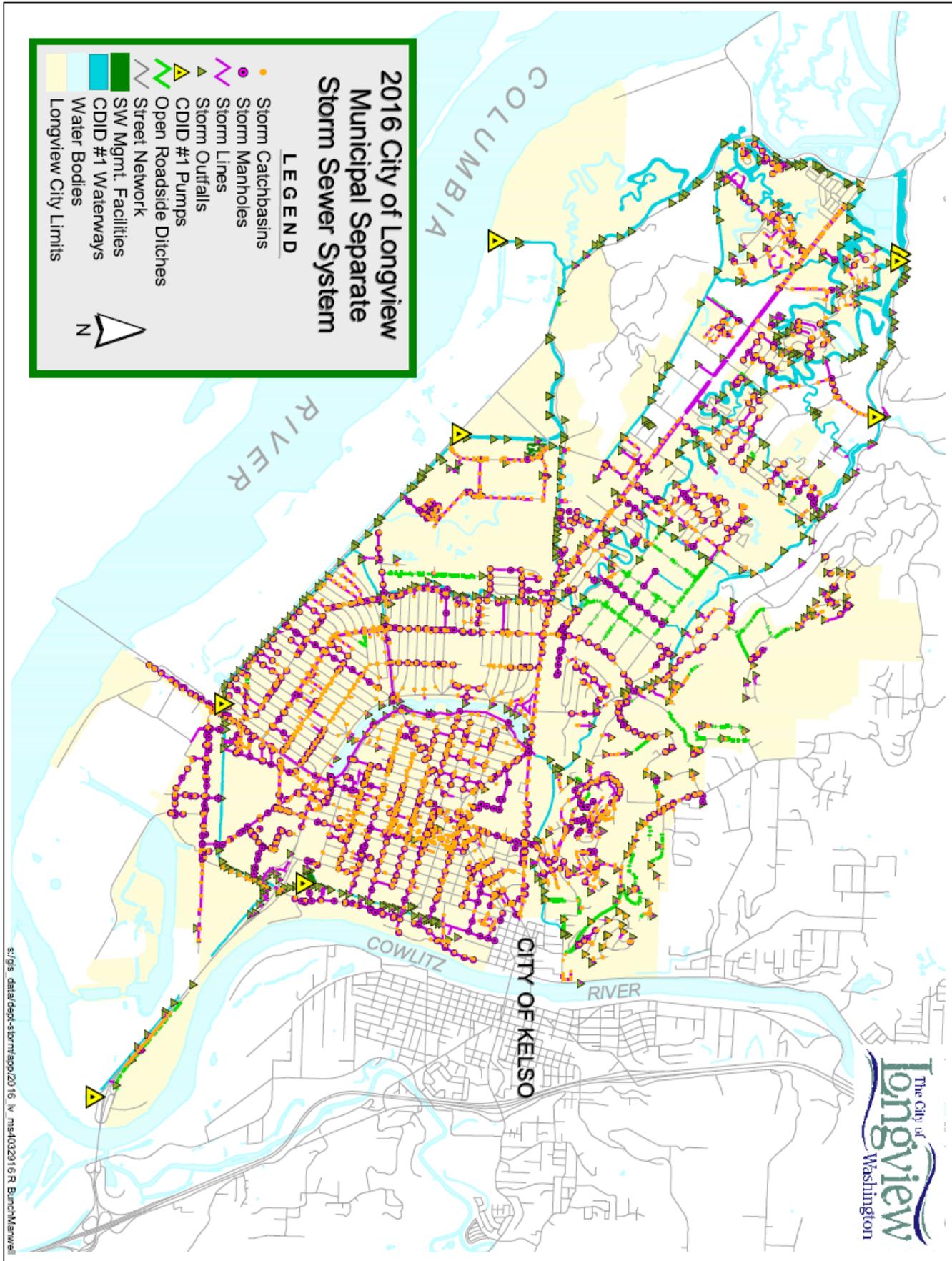
The Stormwater Management Program (SWMP) is the set of actions and activities undertaken by the City to reduce the discharge of pollutants from the MS4. The City is required to prepare written documentation of the SWMP as a SWMP Plan document.

This document, the City's SWMP Plan, details the completed, current and planned stormwater program actions and activities for the upcoming year in order to meet the requirements of the Permit. The SWMP Plan is intended to inform both the regulatory needs of the Permit as well as the public on the City's stormwater program and compliance efforts.

This document details the elements of the City's SWMP, which coincide with the programmatic components and requirements under Sections S5, S7 and S8 of the Permit:

- Public Education and Outreach (S5.C.1)
- Public Involvement and Participation (S5.C.2)
- Illicit Discharge Detection and Elimination (S5.C.3)
- Controlling Runoff From New Development, Redevelopment & Construction (S5.C.4)
- Municipal Operations & Maintenance (S5.C.5)
- Compliance with Total Maximum Daily Load Requirements (S7)
- Monitoring & Assessment (S8)

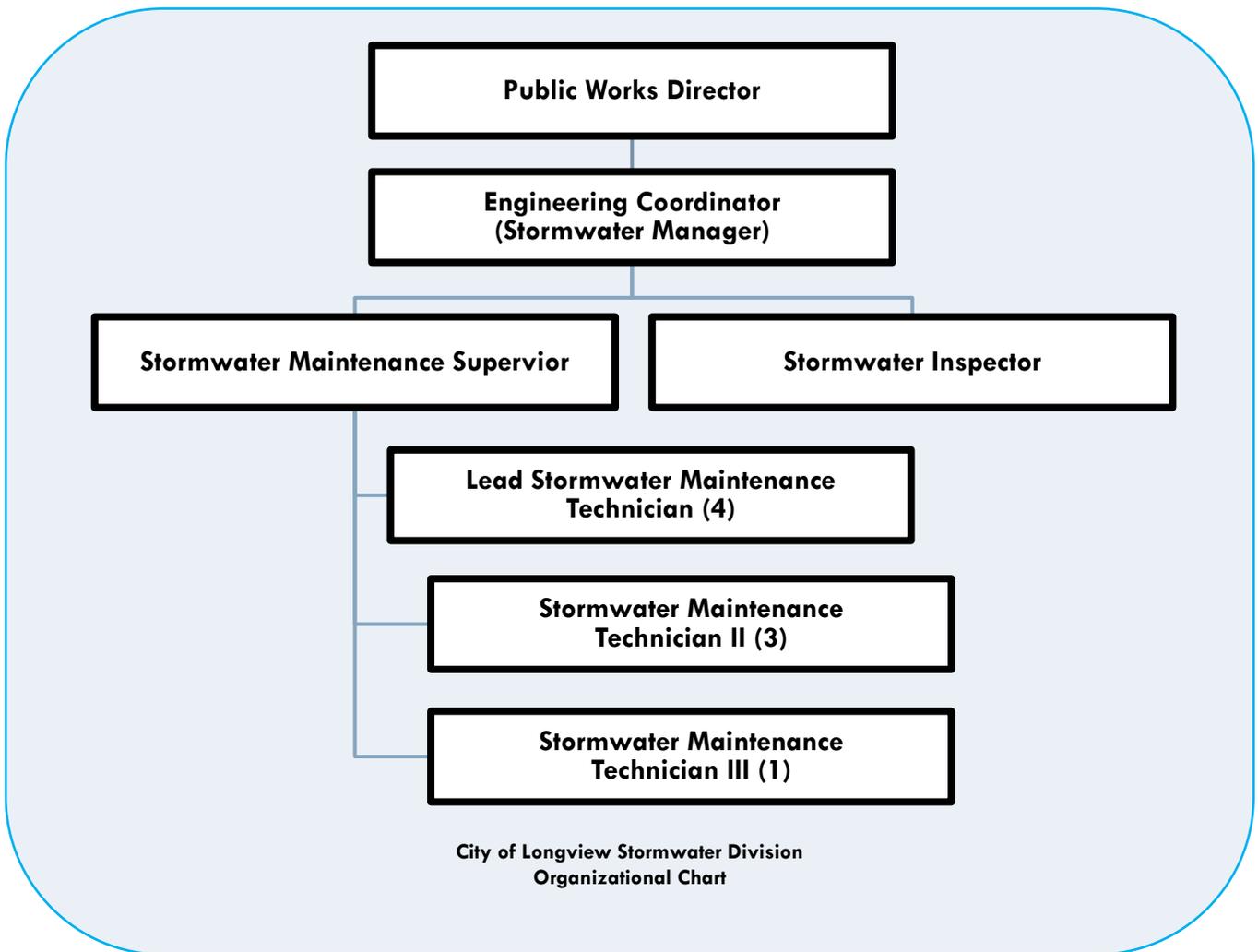
This SWMP Plan is revised annually and submitted to Ecology with the Permit annual report. It is available on the City's website at www.mylongview.com.



SWMP Administration

The administration of the City of Longview’s Permit is managed by the Stormwater Division of the Public Works Department. This Stormwater Division is also primarily responsible for the development and implementation of the SWMP. The Stormwater Division currently consists of the Division Manager (Engineering Coordinator), Stormwater Inspector, Stormwater Maintenance Supervisor, eight (8) Stormwater Maintenance Technicians, and a portion of an Administrative Assistant. The Stormwater Division reports to and is overseen by the Public Works Director. The organization of the Stormwater Division is shown below.

The majority of the City’s SWMP activities are funded by the City’s Stormwater Utility which is an enterprise fund based on user fees on properties within the City.



PUBLIC EDUCATION AND OUTREACH

The City's public education and outreach program focuses on building general awareness among the public on the impacts created by stormwater runoff and the ways that everyone can be part of the solution to stormwater pollution.

Permit Requirements

An education and outreach program designed to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts and encourage the public to participate in stewardship activities. The education program may be developed and implemented locally or regionally.

Minimum Performance Measures:

- Provide an education and outreach program for the area served by the MS4. The program shall be designed to educate target audiences about the stormwater problem and provide specific actions they can follow to minimize the problem. The program should build general awareness as well as effect behavior changes.
- Create stewardship opportunities and/or partner with existing organizations to encourage residents to participate in activities such as stream teams, storm drain marking, volunteer monitoring, riparian plantings and education activities.
- Measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area, and use the resulting measurements to direct education and outreach resources most effectively, as well as to evaluate changes in adoption of the targeted behaviors.



Completed and Current Activities

The City of Longview has developed a comprehensive public education effort to improve the understanding and adoption of strategy for various targeted behaviors and targeted audiences which have included:

- ☑ **Market Analysis** – A comprehensive Stormwater Market Research Study was completed by the City in conjunction with the City of Kelso, Cowlitz County and Consolidated Diking Improvement District #1 (CDID #1). This professional study was undertaken to evaluate the stormwater public education and outreach efforts to both the general public and target business audiences in the greater Longview-Kelso area. Surveys were conducted in 2008 before implementation of a public education and outreach plan, and repeated in November 2010 to determine improvements in the knowledge and practices of the public and key businesses compared to the baseline 2008 data.
- ☑ **Websites** – City of Longview Stormwater Division’s website, www.cleanstormwater.org, provides public information and awareness on a variety of topics including the City’s NPDES MS4 permit, water quality information, guidance on private stormwater facilities, and things that citizens can do. There is also a Frequently Asked Questions (FAQ) section, an online form to report illicit discharges and links to the City’s stormwater manual and Permit annual reports. These documents are also available on the City of Longview’s primary website, www.mylongview.com, found on the Stormwater page under Your Government / Departments / Public Works Department.
- ☑ **Brochure** – The City produced the general Solution to Stormwater Pollution brochure in conjunction with the City of Kelso, Cowlitz County and CDID #1. This brochure is made available at public events, City Hall, and other venues.
- ☑ **Utility Bill Inserts** – The City’s stormwater brochure and a stormwater leaflet has been included several times within the City’s bimonthly utility bills.
- ☑ **City Newsletter** – *City Info* (A newsletter for Longview citizens found on the City website) features articles related to stormwater including: stormwater utility fee rates, pervious concrete, improving water quality, charity car wash fundraisers, stormwater management services, and the local stormwater pollution hotline.



- ☑ **Paid Media Advertisements** – Paid ads in *The Daily News* (TDN) and the *Valley Bugler* focusing on general awareness of stormwater pollution, how to be part of the solution, and the local water pollution hotline.
- ☑ **Print Journalism** – Stories run by the local newspaper, The Daily News (tdn.com), covering the City’s stormwater program and activities.



Event Booth for Earth Day 2015

- ☑ **Radio Interviews** – Interviews on local radio stations covering stormwater and water quality topics.

- ☑ **Public Events** – Participation in a number of public events each year with a booth or table providing information and tips on stormwater pollution prevention. These events include Earth Day (with hands-on education activities for kids), the Cowlitz County Home & Garden Show, and Lower Columbia Contactors Association 811 Awareness Breakfast.

- ☑ **K-12 Education** – River Ranger presentations to Longview Public School District 4th grade classes focusing on the hydrologic cycle, stormwater pollution and its impacts, and Longview’s stormwater system.

- ☑ **Training Workshops** – A series of training workshops were provided for engineers, developers, and contractors covering the City’s stormwater regulations and manual, including topics such as flow control and treatment BMPs as well as Low Impact Development (LID) practices and approaches. The City has also offered a “Creating Your Own Rain Garden” class in cooperation with Washington State University (WSU) Extension.
- ☑ **Storm Drain Markers** – The City partnered with a local church on a stewardship program to install storm drain markers. More than 3,000 stormwater inlets and catch basins were marked by volunteers over a 3-year period.
- ☑ **Charity Car Wash Program** – The City offers the use of three car wash kits for charity fundraiser car washes at approved locations. The kits include a storm drain insert, a hose and a pump to direct the wash waters to a sanitary sewer drain or landscaped area. The kit also includes a sign to inform the public that the car wash is an authorized “stormwater-friendly” event.

Target Audience Study – The City began work on a study in 2015 to measure the adoption of target behaviors for a target audience (mobile carpet and interior cleaners) in conjunction with the City of Kelso and Cowlitz County.

Planned Activities

Planned activities for 2016 include:

- Update the City's stormwater web pages.
- Update the general stormwater brochure and create new collateral materials focused on target audiences and behaviors.
- Create new utility bill inserts and include inserts for a least two (2) billing cycles this year.
- Undertake additional direct mailings to target businesses.
- Full-page paid advertisement in the Columbia Reader.
- Combination of paid and public service announcement (PSA) radio ads on local stations.
- Participation in additional public events (e.g. Go 4th Festival, Squirrel Fest, Cowlitz Farmers Market, etc.).
- Work with the Longview School District on stormwater and water quality curricula for K-12 education.
- Explore new opportunities for stewardship activities.
- Use social media to facilitate and further disseminate stormwater education and outreach messaging.
- Complete the Target Audience Study with the participation of the City of Kelso and Cowlitz County.
- Continue all other ongoing programs and activities.
- Track and document all public education and outreach efforts.

The City intends to collaborate with the other NPDES MS4 primary and secondary permittees within the Longview/Kelso area (City of Kelso, Cowlitz County, Consolidated Diking Improvement District #1, Kelso School District, Longview School District, Lower Columbia College) and the Port of Longview to develop a comprehensive regional social marketing strategy and public information and education campaign on stormwater and water quality protection.

PUBLIC INVOLVEMENT AND PARTICIPATION

The City's public involvement and participation program is designed to seek regular input from stakeholders and provide opportunities to provide feedback on the SWMP.

Permit Requirements

Provide ongoing opportunities for public involvement and participation through advisory councils, public hearings, watershed committees, participation in developing rate-structures or other similar activities.

Minimum Performance Measures:

- Create opportunities for the public to participate in the decision-making processes involving the development, implementation and update of the SWMP.
- Post the SWMP Plan and Permit annual report on the City website no later than May 31 each year. All other submittals shall be available to the public upon request.

Completed and Current Activities

- ☑ **Longview Stormwater Advisory Committee** – The Longview Stormwater Advisory Committee (LSAC) was prescribed and is governed by City Ordinance 1869 and Committee Bylaws. LSAC is comprised of five to seven appointed members who represent citizen, development, industry and environmental interests. LSAC's responsibilities are to assist, guide and make recommendations on the City's stormwater management program and policies. LSAC meetings are convened at least once quarterly, unless there is no business to be conducted.

LSAC provided extensive input and guidance on the development of the City's SWMP as well as the current stormwater ordinance and manual.

- ☑ **Reporting** – The City posts its updated SWMP Plan and each year's NPDES municipal stormwater permit annual report to www.mylongview.com no later May 31 each year.

Planned Activities

Planned activities for 2016 include:

- Involve LSAC and other stakeholder groups in the update of the City's stormwater ordinance, manual, and associated requirements for new development, redevelopment, and construction site projects to include the Minimum Requirements, thresholds, and definitions in Appendix 1 of the Permit.
- Involve LSAC and other stakeholder groups in the review and revision of local development-related codes, rules, standards, or other enforceable documents to incorporate and require Low Impact Development (LID) principles and BMPs.
- Publish the current SWMP Plan and 2015 NPDES Permit annual report to www.mylongview.com no later May 31, 2016.
- Involve LSAC and other stakeholder groups in the review and revision of the SWMP for 2017 to be completed no later than December 31, 2016.
- Track and document all public involvement and participation efforts.

ILLICIT DISCHARGE DETECTION AND ELIMINATION

The City's stormwater ordinance prohibits non-stormwater, illicit discharges into the MS4. The IDDE program guides City responses to spills and reports of potential discharges to the municipal separate storm sewer system.

Permit Requirements

An ongoing program designed to prevent, detect, characterize, trace and eliminate illicit connections and illicit discharges into the MS4.

Minimum Performance Measures:

- Continue mapping of the MS4 on an ongoing basis and update maps periodically.
- Implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges into the MS4, which includes escalating enforcement procedures and actions.
- Implement a compliance strategy that includes informal compliance actions such as public education and technical assistance as well as the enforcement provisions of the ordinance or other regulatory mechanism.
- Implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the MS4, which includes the following components:
 - Procedures for conducting investigations of the MS4, including field screening and methods for identifying potential sources.
 - A publicly listed and publicized hotline or other telephone number for public reporting of spills and other illicit discharges.
 - An ongoing training program for all municipal field staff.
 - Program to inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.

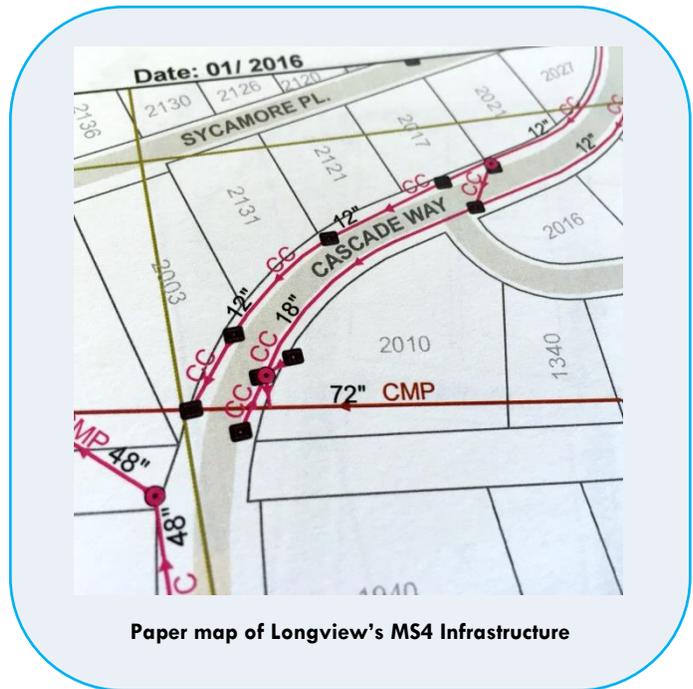
- Implement an ongoing program designed to address illicit discharges, including spills and illicit connections, into the MS4.
- Train staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, including spills, and illicit connections, to conduct these activities.
- Track and maintain records of the activities conducted to meet the IDDE program requirements.

Completed and Current Activities

☑ **MS4 Mapping** – The City has both digital GIS maps and physical map books of its MS4 and stormwater infrastructure assets. This mapping is regularly updated to address new development as well as to meet the Permit requirements.

☑ **Stormwater Ordinance** – The City passed Ordinance 3100 in 2009 which prohibits non-stormwater illicit discharges and illegal connections to the MS4 and provides for escalating enforcement of violations. These provisions are codified as Longview Municipal Code (LMC) 17.80 - Stormwater Management.

☑ **IDDE Program** – The City developed an ongoing program and standard operating procedures (SOP's) to detect and identify non-stormwater discharges and illicit connections into the MS4. This program is based on information included in the Center for Watershed Protection IDDE guidance manual. The City's program includes windshield surveys undertaken by Stormwater Division staff in the field, reports by other City staff and departments, dry weather outfall inspections performed on a rotating basis, and screening of inlets and catch basins for illicit discharges and illegal connections during regular inspection and cleaning activities.



Paper map of Longview's MS4 Infrastructure

☑ **IDDE Public Awareness and Education** – The City maintains both a telephone hotline (360-578-0900) in conjunction with the City of Kelso as well as an online form on its website for reporting illicit discharges, spills, and illegal dumping to the MS4. The City's stormwater public education and outreach program includes a major focus on informing businesses and the general public on water quality impacts associated with illicit discharges and improper disposal of waste.

- Staff Training** – The City ensures that all staff involved with implementing the IDDE Program receive adequate training, including those responsible for either recognizing and reporting illicit discharges, spills, or illegal dumping and those who respond to them.
- Recordkeeping** – The Stormwater Division tracks and keeps records of all IDDE reports/complaints, inspection, and remediation actions.

Planned Activities

Planned activities for 2016 include:

- Continue to implement the current IDDE program.
- Review and update the MS4 maps and GIS data as needed for compliance with Permit requirements.
- Review and revise the current ordinance to address Permit requirements as it relates to IDDE.
- Review and revise the City's program and SOP's based on the 2013 Ecology IDDE guidance document (Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual).
- Train new City staff and provide refresher training for other staff on recognizing and reporting illicit discharges, spills, or illegal dumping.
- Continue all required recordkeeping.

CONTROLLING RUNOFF FROM NEW DEVELOPMENT, REDEVELOPMENT AND CONSTRUCTION SITES

The City's stormwater program promulgates and ensures compliance with standards for construction stormwater (erosion and sediment) control as well as permanent stormwater management on most development, redevelopment, and construction projects.

Permit Requirements

A program to reduce pollutants in stormwater runoff to a regulated small MS4 from new development, redevelopment and construction site activities for both private and public development, including roads.

Minimum Performance Measures:

- Implement an ordinance or other enforceable mechanism that addresses runoff from new development, redevelopment, and construction site projects that includes the Minimum Requirements, thresholds, and definitions in Appendix 1 of the Permit.
- A permitting process with site plan review, inspection, and enforcement capability for both public and private projects that meet the minimum thresholds, which includes the following components:
 - Review of all stormwater site plans for proposed development activities.
 - Site inspections of all permitted development sites that have high potential for sediment transport, prior to clearing and construction.
 - Site inspections of all permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls.
 - Site inspections of all permitted development sites upon completion of construction, and prior to final approval or occupancy, to ensure proper installation of permanent stormwater facilities.
 - An enforcement strategy to respond to issues of non-compliance.



- Provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed, including:
 - Implementation of an ordinance or other enforceable mechanism that clearly identifies the party responsible for ongoing maintenance, requires regular inspections of facilities, and establishes enforcement procedures for compliance.
 - Maintenance standards that are as or more protective of facility function than those specified in the Stormwater Management Manual for Western Washington.
 - Annual inspections of all regulated stormwater treatment and flow control BMPs/facilities that discharge to the MS4.
 - Inspections of all permanent stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every six months until 90% of the lots are constructed, or site is fully stabilized.
 - Maintain records of all inspections and enforcement actions.
- Make available as applicable Ecology's forms for the "Notice of Intent for Construction Activity" and "Notice of Intent for Industrial Activity" to representatives of proposed new development and redevelopment.
- Train all staff whose primary job duties are implementing the program, including permitting, plan review, construction site inspections, and enforcement.
- Review, revise and make effective local development-related codes, rules, standards, or other enforceable documents to incorporate Low Impact Development (LID) principles and LID BMPs as the preferred approach no later than June 30, 2017. Submit a summary of the results of the LID review and revision process no later than March 31, 2018.

Completed and Current Activities

- ☑ **Stormwater Ordinance** – In 2009, the City Council adopted Ordinance 3100 which includes the stormwater requirements for new development, redevelopment, and construction site projects for sites over one acre established in Appendix 1 of the 2007 Permit. The ordinance also includes local criteria for projects below the state thresholds. These provisions are codified as Longview Municipal Code (LMC) 17.80 - *Stormwater Management*.
- ☑ **Longview Stormwater Manual** – The Longview Stormwater Manual, updated most recently in 2011, provides the guidelines and standards for addressing the City's stormwater management requirements. The Manual is intended to be consistent with, and serve as a local addendum to, the Stormwater Management Manual for Western Washington.

- ☑ **Development Permitting and Review Process** – The City has in-place a development permitting process that includes site plan review, inspections, and enforcement capability for all public and private projects that meet the local and/or state thresholds. The City's code enforcement provisions (LMC 1.33) are utilized to respond to issues of non-compliance. The Stormwater Division has responsibility for and performs all plan reviews, site inspections and code enforcement.
- ☑ **Long-Term Operations and Maintenance** – City Ordinance 3100 (LMC 17.80) includes provisions for the long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that have been permitted by the City since the 2009 ordinance went into effect. Inspections of all regulated stormwater treatment and flow control BMPs/facilities that discharge to the MS4 are completed annually by the Stormwater Division.
- ☑ **Recordkeeping** – The Stormwater Division tracks and keeps records of all regulated plan reviews, construction inspections, and ongoing O&M of regulated BMP's/facilities.
- ☑ **State of Washington Permits** – The City makes available as applicable copies of NOI forms and general information on the Ecology stormwater permits for both Construction Activity and Industrial Activity.
- ☑ **Staff Training** – The City ensures that all staff involved with implementing the program receive adequate training, including those responsible for permitting, plan review, construction site inspections, and enforcement.
- ☑ **Low-Impact Development (LID)** – As part of the Longview Stormwater Manual update, low impact development principles and credits were incorporated and offered as an option for meeting the City's stormwater management requirements.



Planned Activities

Planned activities for 2016 include:

- Continue to perform site plan review, inspection, and enforcement of all public and private projects that meet the minimum thresholds.
- Continue to ensure adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that have been permitted by the City since the 2009 ordinance went into effect.
- Review and revise all local development-related codes, rules, standards, or other enforceable documents to incorporate and require Low Impact Development (LID) principles and BMPs as applicable the preferred and commonly-used approach to site development.
- Update of the City's stormwater ordinance, manual and associated documents to include the Minimum Requirements, thresholds, and definitions in Appendix 1 of the 2012 Permit as well as LID principles and BMP's.
- Update the City's plan review and development inspection process to comply with the Minimum Requirements, thresholds, and definitions in Appendix 1 of the 2012 Permit as well as LID principles and BMP's.
- Ensure all City staff are trained on the updated stormwater requirements, provisions and procedures.
- Create new public guidance materials and checklists for development-related activities.
- Continue all required recordkeeping.

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MUNICIPAL OPERATIONS AND MAINTENANCE

The City's stormwater municipal operation and maintenance program helps to prevent the pollutants to the MS4 from City-owned and operated properties or operations, as well as to maintain adequate performance of MS4 components in compliance with applicable maintenance standards.



Permit Requirements

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.

Minimum Performance Measures:

- Implement maintenance standards that are as or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington no later than June 30, 2017.
- Annual inspection of all City-owned or operated permanent stormwater treatment and flow control BMPs/facilities, and taking appropriate maintenance actions in accordance with the adopted maintenance standards.
- Spot checks of City-owned or operated permanent stormwater treatment and flow control BMPs/facilities after major storm events, with repairs or appropriate maintenance actions, as needed.
- Inspection of all City-owned or operated catch basins and inlets at least once no later than August 1, 2017 and every two years thereafter.
- Implement practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the City, including road maintenance activities under the City's functional control.

- Ongoing training program for City employees whose primary construction, operations or maintenance job functions may impact stormwater quality.
- Implement a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the City that are not covered by an Industrial Stormwater General Permit.
- Maintain records of inspections and maintenance or repair activities.

Completed and Current Activities

- ☑ **O&M Performance Standards** – The City of Longview has adopted operations and maintenance guidance and stormwater facility maintenance standards consistent with the Stormwater Management Manual for Western Washington.
- ☑ **Facility/BMP Inspections and Maintenance** – The Stormwater Division performs annual inspection of all City-owned or operated permanent stormwater treatment and flow control BMPs/facilities and performs spot checks after major storm events. Repairs or appropriate maintenance actions are undertaken as informed or indicated by the inspection reports.
- ☑ **Catch Basin and Inlet Cleaning** – City-owned or operated catch basins and inlets are inspected and cleaned on a rotating basis by the Stormwater Division's field crews. In a typical year, approximately one-third of all of the catch basins are inspected and cleaned. Therefore, all of the catch basins are inspected and cleaned within a three-year period.
- ☑ **Street Sweeping Program** – The City has a street sweeping program which runs two Elgin Street Sweepers on a full-time (40 hour/week) basis to sweep all public streets, alleys and parking lot. The program effectively cleans and removes potential pollutants and debris from all streets, alleys and parking lots on an approximately weekly basis.
- ☑ **Municipal Pollution Prevention/Good Housekeeping Practices and SOP's** – The City has developed and implemented its *Municipal Stormwater O&M Manual* which includes stormwater pollution prevention/good housekeeping BMP's and standard operating procedures for all of its municipally-owned and operated properties and operations. This includes streets, parking lots, buildings, parks and open space, right-of-ways, the City shop and maintenance yards,



Street Sweeping is an essential component of Longview's Stormwater O&M Program

Parks and Recreation facilities, water treatment plant and all mobile operations for repair and maintenance of City rights-of-way, public areas and utilities.

- Municipal SWPPP's** – The City has also developed and implemented stormwater pollution prevention plans (SWPPP's) for all of the municipally-owned and operated heavy equipment maintenance or storage yards, and material storage facilities. This includes the City Shop (Streets, Stormwater, Traffic and Fleet Services), Utilities (Water and Sewer) Operations Center, Parks maintenance yard, water treatment filter plant, and the Mint Valley Golf Course maintenance shop.
- Staff Training** - The City ensures that all staff are properly trained on the Municipal Stormwater O&M Manual and the appropriate stormwater SOP's and SWPPP's for their property, operations and job activities.
- Recordkeeping** - The Stormwater Division tracks and keeps records of all ongoing O&M of the stormwater system, including regulated BMP's/facilities.

Planned Activities

Planned activities for 2016 include:

- Review maintenance standards and revise as necessary to ensure they are as effective as the current edition of the Stormwater Management Manual for Western Washington.
- Continue the annual inspection of all City-owned or operated permanent stormwater treatment and flow control BMPs/facilities and performs spot checks after major storm events.
- Continue the stormwater catch basin and inlet inspection and cleaning program. Consider alternate strategies for scheduling inspection/cleaning frequency based upon inspection records and needs.
- Continue implementation of stormwater pollution prevention/good housekeeping practices and standard operating procedures (SOP's) at all of its City-owned and operated properties and operations. Review and revise the City's O&M manual and SOP's as needed.
- Review the street sweeping program and consider alternate strategies for scheduling sweeping based on land use, need and other relevant factors.
- Continue implementation of stormwater pollution prevention plans (SWPPP's) at all City-owned and operated heavy equipment maintenance/storage yards and material storage facilities. Review and revise the SWPPP documents as needed.
- Train new City staff and provide refresher training for other staff on the Municipal Stormwater O&M Manual and relevant SOP's and SWPPP's.
- Continue all required recordkeeping.

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COMPLIANCE WITH TOTAL MAXIMUM DAILY LOAD REQUIREMENTS

The City's stormwater management program currently complies with the Permit requirements for Total Maximum Daily Load (TMDL) designated waters.

Permit Requirements

Address requirements for any applicable TMDL approved for stormwater discharges from MS4s owned or operated by the City.

Minimum Performance Measures:

- For applicable TMDL's listed in Appendix 2 of the Permit, comply with the specific requirements identified. The status of the TMDL implementation shall be included as part of the annual report submitted to Ecology.
- For applicable TMDL's not listed in Appendix 2, compliance with the Permit shall constitute compliance with those TMDL's.
- For TMDL's that are approved by EPA after this Permit is issued, Ecology may establish TMDL related permit requirements through future permit modification.

Completed and Current Activities

- There are currently no applicable TMDL's within or to which the City's MS4 discharges.

Planned Activities

Planned activities for 2016 include:

- The City's MS4 discharges to four water bodies currently on the 303(d) impaired water list: Lake Sacajawea and CDID #1 flood control ditches 3, 4 and 5. The City will comply with any new TMDL requirements.

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MONITORING AND ASSESSMENT

The City participates in and funds regional efforts for status and trends monitoring, effectiveness studies and source identification and diagnostic monitoring.

Permit Requirements

Applicable provisions for status and trends monitoring, effectiveness studies and source identification and diagnostic monitoring.

Minimum Performance Measures:

- Status and Trends Monitoring (S8.B): No requirements for southwest Washington permittees in the 2012 Permit.
- Effectiveness Studies (S8.C): Permittees may choose either-
 - Option 1 - Pay into a collective fund to implement effectiveness studies undertaken by the Puget Sound Regional Stormwater Monitoring Program (RSMP); or
 - Option 2 - Conduct stormwater discharge monitoring in accordance with Appendix 9.
- Source Identification and Diagnostic Monitoring (S8.D): Pay into a collective fund to implement the Puget Sound RSMP Source Identification Information Repository (SIDIR).

Completed and Current Activities

- ☑ The City has choose Option #1 to satisfy its Permit requirements for effectiveness studies and pays a sum of \$14,687 annually to Ecology to fund the collective effectiveness study program being undertaken by the Puget Sound RSMP.
- ☑ The City pays a sum of \$1,362 annually to Ecology to fund the collective SIDIR program being undertaken by the Puget Sound RSMP.
- ☑ The City has participated in, and has partially funded, the collaborative Lower Columbia Habitat Status and Trends Monitoring (HSTM) grant project which will recommend a regional status and trends monitoring program for the southwest Washington permittees in the upcoming 2018 Permit.

Planned Activities

Planned activities for 2016 include:

- Continue to meet the effectiveness and SIDIR Permit requirements through the "Pay-in" approach.
- Continue participating in the Lower Columbia HSTM program to develop recommendations on a regional status and trends monitoring program for the southwest Washington permittees for the next permit cycle.



The City of
Longview
Washington



City of Longview

2015 Stormwater Public Education and Outreach Efforts

- ☑ Websites – City of Longview Stormwater Division’s website, www.cleanstormwater.org, and primary website, www.mylongview.com, provide public information and awareness on the City’s stormwater program and things that citizens can do. There is also a Frequently Asked Questions (FAQ) section, an online form to report illicit discharges, and links to the City’s stormwater manual and Permit annual reports.
- ☑ Brochure – The general *Solution to Stormwater Pollution* brochures are made available at public events, City Hall, and other venues.
- ☑ Print Journalism – Stories run by the local newspaper, *The Daily News* (tdn.com), covering the City’s stormwater program and activities.
- ☑ Public Events – Participation in a number of public events with a booth or table providing information and tips on stormwater pollution prevention. These events included:
 - 811 Awareness Breakfast – Morning breakfast event for local contractors on safe utilities practices which features vendors and local sponsors. The City had a booth providing specific information on best ESC practices for utility contractors.
 - Earth Day – The 2nd largest public event held in Cowlitz County after the annual County fair. The City had a stormwater education booth with hands-on education activities for kids.

- ☑ Outreach to Businesses – Ongoing outreach to retail and industrial businesses in the City on pollutant source control BMP’s and the potential for illicit discharges to the MS4.
- ☑ Training for Developers and Design Professionals – Ongoing training was provided for developers and engineers covering the City’s stormwater regulations and manual, including topics such as flow control and treatment BMPs as well as Low Impact Development (LID) practices and approaches.
- ☑ Training for Construction Contractors – Ongoing training on erosion and sediment control (ESC) and other construction-related pollutant source control BMP’s is provided for owners and staff of general contractors and subcontractors who work in the City.
- ☑ Storm Drain Markers – City staff replaced any of the worn or missing storm drain markers on the more than 3,000 stormwater inlets and catch basins in Longview.
- ☑ Charity Car Wash Program – The City continued to make its three (3) car wash kits available for charity fundraiser car washes at approved locations. This kit includes a storm drain insert, a hose and a pump to direct the wash waters to a sanitary sewer drain or landscaped area. The kit also includes a sign to inform the public that the car wash is an authorized “stormwater-friendly” event.
- ☑ Target Audience Study – The City began work on a study in 2015 to measure the adoption of target behaviors for a target audience (mobile carpet and interior cleaners) in conjunction with the City of Kelso and Cowlitz County.

City of Longview	OT - One Time Incident CT - Continuous - Other	Yes	No	Actual Illicit Discharge or Spill	Respond (Immediate)	Yes	No	Potential Illicit Discharge	Investigate (Within 7 Days)	Yes	No	Inspector	Visual Recon	Not Used	Other	Sanitary Overflow	Other	Other	Public Utility working on Issue	1/8/2015	In Process	Document Date or Response N/A or None	Annual Rpt Question #19 Yes No N/A	
LV	2015-1	1/8/2015	300/Washing intersection, 2725 31st Ave., 3252 Washington Way, 2261 Nebraska, 3149 Fir Drive	OT	Yes	Yes	Yes (1)	Yes	N/A	N/A	N/A	I	653-866	Visual Recon	Not Used	Sanitary Overflow	Other	Other	Public Utility working on Issue	1/8/2015	In Process	None	N/A	
LV	2015-2	2/3/2015	11th Ave. from Tennant to Douglas	OT	No	Yes	N/A	Yes	N/A	N/A	N/A	H	Visual Recon	Not Used	Vehicle Fluids (Petroleum-Suspect Diesel)	Vehicle	Other	N/A	N/A	2/3/2015	In Process	None	Yes	
LV	2015-3	2/24/2015	1150 3rd Ave	O	No	Yes	N/A	Yes	N/A	N/A	N/A	C	654-996 (Reported by Ecology 1st, who called us)	Visual Recon	Color, Visual Indicators	None Found	N/A	Other	No Action Needed	N/A	2/24/2015	In Process	None	N/A
LV	2015-4	2/26/2015	CDID#1, Ditch 4 near Peardale	Dry	I, Quarterly	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Color, Visual Indicators	Other	Commercial	Other	Educational/Technical Assistance, Behavior/Operations Modification, Add or Improve Treatment BMP	Verbal Notice	2/26/2015	In Process	None	Yes	
LV	2015-5	3/3/2015	1007Rangle Shopping Center, #180	I	Yes	Yes	N/A	Yes	N/A	N/A	N/A	I	Visual Recon	Not Used	Food Waste/Oil, Soaps/Detergents	Commercial	Restaurant	Educational/Technical Assistance, Behavior/Operations Modification, Enforcement	Verbal Notice	3/5/2015	In Process	None	Yes	
LV	2015-6	3/3/2015	1108 Washington Way	I	Yes	Yes	N/A	Yes	N/A	N/A	N/A	I	Visual Recon	Not Used	Food Waste/Oil, Soaps/Detergents, Cigarette butts/jah can, tissues, debris & fines.	Commercial	Restaurant	Educational/Technical Assistance, Behavior/Operations Modification, Control BMP, Enforcement	Verbal Notice	3/5/2015	In Process	None	Yes	
LV	2015-7	3/4/2015	1020 Industrial Way	Dry	C	Yes	Yes	Yes (2)	Yes	N/A	N/A	I	655-216	Visual Recon	Color, Visual Indicators	Sediment, Soaps	Commercial	Other	Educational/Technical Assistance, Add or Improve Source Control BMP	Verbal Notice	3/4/2015	In Process	None	Yes

LV	2015-8	3/5/2015	2843 Louisiana St	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Vehicle Fluids	Residential	Educational/Technical Assistance, Behavior/Operation Modification, Add or Improve Source Control BMP	Verbal Notice	3/9/2015	Inspected and couldn't find; later turned out the address was wrong as it was Louisiana vs Magnolia. Inspected and spoke with tenant who indicated that they are waiting to fix the vehicle once they have the money saved. In the meantime they have been placing sorbents. I recommended a better way to contain the leak and clean the already stained street. The tenant indicated they will place drip pans under the leak which will be out of rain being under the van as well as clean residuals from the street. 3/7/15 The tenant sent me a text message and photo showing they placed sorbent material on the street and broiled it in as well as sorbent pads and containment under the van. I called the tenant back and informed them that the sorbent material needs to be removed prior to the rain. 3/9/15 Followed up and confirmed the leak had been cleaned up adequately and a drip pan and sorbents are under the leak of the vehicle. The vehicle owner explained they do not have the money to fix the transmission right now, however will continue to keep the drip contained. Closed this case for now however will check once in awhile in the future.	None	Yes	
LV	2015-9	3/5/2015	721 32nd Avenue Douglas St. Pump Station	OT	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Not Used	Other	Public Entity	Add or Improve Source Control BMP, Enforcement	Verbal Notice	3/9/2015	On a municipal pump station rebuild project, a diesel spill (approximately a gallon or so) into soil from contractor construction equipment was found. The spill was contained by stormwater staff until the contractor could arrive and thoroughly cleanup the spill and impacted soil. The contractor cleaned up the spill prior to rains.	None	Yes	
LV	2015-10	3/5/2015	3500 Home Ave.	I, CT	No	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	None Found	Industrial	Educational/Technical Assistance, Behavior/Operation Modification	Verbal Notice	3/11/2015	Metal recycling facility; Metal Piles potentially causing integrity issues with the asphalt; the concern is metal pollutants getting into the groundwater. Found no perimeter runoff issues; they have an industrial NPDES Stormwater General Permit. The owner to discuss with Ecology.	None	Yes	
LV	2015-11	3/19/2015	540 27th	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Vehicle Fluids	Residential, Vehicle	No Action Needed	Verbal Notice	3/23/2015	Vehicle found leaking motor oil which belonged to a visitor, they had cardboard underneath to capture a slow minor leak while visiting; upon leaving they removed the cardboard with some oil soaked in.	None	Yes	
LV	2015-12	4/8/2015	340 Oregon Way A Plus Transmission	O	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Visual Indicators, Flow, Color	Sediment, Vehicle Fluids	Commercial	Retail	Educational/Technical Assistance, Behavior/Operation Modification, Add or Improve Source Control BMP	Verbal Notice	4/14/2015	Hosing down a transmission shop parking lot to prepare for seal coating. Good sediment controls were implemented. Requested discharge from basin be pumped to grass area. No discharge identified to the MS4.	None	Yes
LV	2015-13	4/9/2015	Specialty Remits & events	I	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Visual Indicators, Flow, Color	Soaps/Detergents	Commercial	Retail	Educational/Technical Assistance, Behavior/Operation Modification, Add or Improve Source Control BMP	Verbal Notice	4/9/2015	Rental facility washing truck and trailer in parking lot almost discharging to the nearest catch basin. The washing was stopped and liquids mopped up before reaching the inlet. The manager will not wash onsite anymore.	None	Yes
LV	2015-14	4/9/2015	PNW Metals	I	No	Yes	Yes (3)	Yes	N/A	N/A	C	656-059 Visual Recon	Visual Indicators, Color	Other	Industrial	Educational/Technical Assistance, Behavior/Operation Modification, Add or Improve Source Control BMP	Verbal Notice	4/9/2015	Truck & open box trailers are hauling scrap metal to the Port of Longview to load onto a ship for export. During this process the containers were leaking rusty water due to rain soaking the scrap iron. Management cleaned the streets and established new controls for the future when the metal is wet from rains.	None	Yes	
LV	2015-15	4/9/2015	15th by Hop & Grape	O	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Not Used	Vehicle Oil	Source Not Identified	No Action Needed	Verbal Notice	4/9/2015	Observed a brand new quart of motor oil on the road with plastic bag that was partially run over resulting in a small spill. There was no responsible party, therefore the stormwater division cleaned up the oil and recycled what was left in the container.	None	Yes	

LV	2015-16	4/15/2016	Columbia Hts stream 2431 McAtee	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	None Found	Residential	Educational/Technical Assistance, Behavior/Operations Modification, Other	/2015	A carpet cleaning co. Was reported as dumping waste water on the property sloped to a canyon with a surface water body below.	Received the report at the end of the day on 4/15/15, will investigate on 4/16/15. 4/21/15 This complaint is one in which there would be no discharge to our MS4 and therefore are not required to inspect or report. However, since there is a potential risk of waste liquids of conveying to groundwater and/or surface waters (stream at bottom of canyon along Columbia Heights Rd) we'll at least look into it. Upon investigation, I discovered I cannot easily obtain visual evidence of dumping from the end of the street. I would have to enter private property with authorization. We spoke with Community Development (C.D) and they will be pursuing enforcement regarding operating a business out of the residential parcel that is not allowed. Community Development held off for a short while until we discuss with the public works director regarding other options. Community Development pursued enforcement which should eliminate any potential yet not confirmed discharge.	N/A			
LV	2015-17	4/16/2015	100 block of East Industrial Way	OT	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Visual Indicators	Vehicle Fluids	Vehicle	Educational/Technical Assistance	4/16/2015	Semi truck and vehicle crash resulted in about a gallon of vehicle fluids onto the street consisting of power steering fluid and antifreeze. The fire department handled the cleanup and disposal.	Longview Fire Dept. responded and placed Amerizoib sorbent on the vehicle fluids. Didn't have enough and called the Street Dept. who brought more. The Fire Dept. swept up after soaking with the sorbent and bagged for disposal. The disposal is handled through the Fire Dept., Amerizoib, and Insurance Co. of vehicles. The street division supervisor verified the cleanup was good and the weather was dry. All the vehicle fluids were contained and cleaned up with no discharge into our stormwater system.	None	Yes		
LV	2015-18	4/22/2015	4711 Mt.Solo Site	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Sediment/Soil	Industrial	Educational/Technical Assistance, Behavior/Operations Modification, Add or Improve Source Control, BM, Enforcement	In Process	Land disturbing activities continued over time without the City Excavation & Grading permit or adequate erosion & sediment controls in place. This lead to verbal and written enforcement.	Inspected and observed dirty rock piles stacked along the bank of the private drainage ditch that discharges to CDD#1, Ditch #10. Land disturbing activities continued despite multiple verbal notices to stop until the Excavation Permit was applied for and approved, we issued a written Stop Work Order on December 17, 2015. The owner appealed the Stop Work Order resulting in a hearing examiner case held on February 23, 2016. For more information see the hearing examiner case report and final decision.	None	Yes		
LV	2015-19	4/28/2015	309 Hudson St.	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Visual Indicators	Food Waste, Soaps/Detergents	Commercial, Vehicle	Behavior/Operations Modification, Add or Improve Source Control, BM, Enforcement	Verbal Notice	5/4/2015	Complaint: Trailer discharging sewage along CDD#1, Ditch #4. After inspection it turns out the discharge was Gray Water from dish washing in motorhome. The person was repairing the tank and discharging on the ground in the interim thinking it wasn't an issue. The discharge was cleaned up and stopped. No discharge to the MS4.	No one present onsite except the tenant from the machine shop; the tenant told me were I can find the owner who is responsible for the trailer onsite and is being evicted this Thursday. There was evidence of some discharge onto the ground where the sewage port was however appeared to be soaking into the ground and not discharging into the ditch; no odor of sewage was detected. Discharge could occur into the ditch with hard rains, however there was just an occasional mist today. We will follow up with the City's code enforcement person and our own follow up until resolved. For now there is no threat to the environment or discharge to CDD#1, Ditch #4. Followed up on 4/29/15 and spoke with the owner of the trailer, he indicated the sewer tank was out for repair and only gray water was discharging and thought that was okay. I explained illicit discharges and indicated that fortunately the small discharges didn't convey to the ditch, just infiltrated into the ground. I requested the valve be closed and a soil or sorbent berm be placed between the small wet area and the ditch prior to rain. The owner indicated he had to have the trailer out by the end of the week. Followed up at the end of the day to confirm the berm was in place to control stormwater runoff as rain was anticipated that evening. 5/4/15 confirmed that the trailer was no longer present onsite.	None	Yes	
LV	2015-20	6/30/2015	4222 OBH	I	Yes	Yes	N/A	Yes	Yes	N/A	C	Visual Recon	Visual Indicators	Soaps/Detergents	Commercial, Vehicle	Behavior/Operations Modification, Add or Improve Source Control, BM, Enforcement	Verbal Notice	7/8/2015	Complaint: Washing outside of shop draining to stormwater. Turns out they are a small discharger and the small area drain doesn't discharge to the MS4. Upon investigation, the wastewater discharges to an onsite infiltration trench. Provided education and eliminating use of harsh soaps/detergents and follow Ecology's guidance for small discharges (provided a copy).	6/30/15 inspected the site and spoke with an employee who indicated the manager is out and wont be back until the following week. I explained the concern and he said he will relay the information and he didn't have a need for washing any vehicles the rest of the week anyway; provided my contact information. 7/7/15 inspected with Josh (on-site personnel); the owner of the business wasn't there as thought today. Explained the reason for being there, based on a complaint and the issue of concern. Josh provided the managers contact information. 7/8/15 Met with the manager after talking on the phone later the previous day. The manager was very cooperative and allowed inspection and flow testing with potable water; however findings confirmed that there was no discharge to the municipal stormwater system. After speaking with the owner of the parcel, it was understood that the drain in question was just connected to an infiltration trench behind the building. I went over Ecology's Vehicle & Equipment Washing Guidance document and provided copies of illicit pages. The manager indicated they only wash about 4 vehicles a week and sometimes less, they mainly detail vehicles inside and out inside the shop. I explained the small discharge allowances and the manager agreed to follow those guidelines including biodegradable soaps (minimal) and rinsing with cold water as well a plug the drain so the runoff will disperse to the vegetated behind the building. Subsequent spot checks will during the rest of the month confirmed and discussion with the manager confirmed they are following the guidelines. Washing vehicles is not their main business, detailing inside of vehicles is their main business.	None		
LV	2015-21	7/22/2015	323 15th Ave.	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Visual Indicators	Soaps/Detergents	Multifamily	No Action Needed	Verbal Notice	8/3/2015	Upstairs tenant was washing (laundry with washing machine) with discharge hose out the window running to the ground. The discharge didn't make it to the MS4, however the slight potential was resolved with verbal	The caller provided the landlords contact info. Inspected and will follow up later today as washing is not occurring at this time. Called the landlord to discuss and they are in the process of evicting the tenant; was given permission to speak with the tenant and they would attempt as well. No one was at the residence when I arrived, however only discharging to the yard and landscape area, there was really no way the runoff could have reached the street or alley to the stormwater system and there tenant verified it never came close due to the landscape depressions. Drove by a couple times the next two weeks to confirm the activity had stopped and the hose was not out the window.	None	Yes	
LV	2015-22	8/14/2015	5600 Block of Mt. Solo Road behind spaces 4, 20, 28, & 34	O	Yes	N/A	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Sediment/Soil	Residential (Trailer Park)	Educational/Technical Assistance, Add or Improve Source Control, BM	8/24/2015	Report that filling into the drainage ditch was occurring at the trailer park. Inspection revealed approved filling with rock. Gutter drains were an issue and were addressed to prevent erosion and discharge into the private drainage ditch.	8/14/15 I met with the maintenance employee at the trailer park who showed me the spaces were work has been taking place. This is a recurring complaint that has been brought up in the past. Last year the contractor was dumping soil into the private drainage ditch to extend the trailer spaces into the ditch (repairing the eroded slope basically) and was a problem. Since then the stormwater division and community development has instructed them on proper bank stabilization using rock in layers and compacting, this what is being done now and did not see erosion or sediment control issues except for again reminding them that if they don't armor the gutter drains from the trailers they'll continue to get eroded and sediment loss into the ditch. The maintenance person noted the reminder and said he would take care of it. 8/24/15 Drove by and checked the sites of recent bank stabilization to find the gutter downspouts had been armored with rock and or splash guards.	None	Yes		
LV	2015-23	8/12/2015	3186 OBH	I	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon, Dye Testing	Visual Indicators	Soaps/Detergents	Commercial	Retail	Behavior/Operations Modification, Add or Improve Source Control, BMP, Enforcement	Verbal Notice	8/12/2015	I met and spoke with the tire store manager on August 12, 2015. I informed the manager that I was responding to an anonymous complaint regarding tire washing into the private stormwater system outside the shop and had actually witnessed the validity of the complaint upon arrival. Observations revealed the tire washing practice into the private stormwater system was likely discharging to the municipal stormwater system however needed further tracing to confirm. I performed some tracing and found no discharge from the private stormwater system to the municipal system or to CDD#1, Ditch 2 across the street. Will need to evaluate further and try to find as bulk plans. I explained illicit discharges to our stormwater system and asked that the illicit discharges be immediately stopped since neither one of us knew for sure where the discharge point was (we did know it was going to the private stormwater system though). The manager agreed to stop the washing activities into the private stormwater inlet immediately. I assisted the manager in temporary options that may or may not work out for them in order to wash the tires until a permanent solution was implemented. The general options we discussed were: 1. Use a tub inside the shop and discharge using a sump pump to a nearby sanitary sewer clean-out or sink discharging to sanitary sewer with Longview's Water & Sewer Division approval. The manager showed me a room with a sink already connected to sanitary sewer for a discharge point. Follow up inspections confirmed that no tire washing was being performed outside the shop into the private stormwater inlet.	Illicit Discharge generated by routinely washing tires at private catch basin with & water. The illicit discharge was stopped by management and verified by stormwater staff. A permanent area will be designed by their engineers and submitted to the City for a permit.	None	Yes

LV	2015-24	8/18/2015	Beech St & CDDIR, Ditch #3	OT	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Yard Debris, sediment/soil, trash	Residential	Educational, Behavior/Operation s Modification, Enforcement	Verbal Notice	8/26/2015	Resident dumped soil, trash, and yard debris on bank of CDDIR, Ditch #3 (drainage ditch). The potential/illegal discharge to the drainage ditch when it rains was eliminated.	Inspected and observed the soil, trash, and yard debris on the ditch bank as reported; not a large amount (wheel barrow full). I spoke with the owner who cut trees down on their parcel adjacent to the trail and ditch. The owner didn't see no harm in dumping the debris and thought it would add help the ditch bank. I educated concerning illicit discharges dumping and explained our municipal permit, then requested the material be removed. The weather's dry and they said they would get it by early next week (no rain in forecast). 8/26/15 Inspected again and observed the material was adequately removed from the ditch bank.	None	Yes		
LV	2015-25	8/3/2015	2349 Jennifer Place	I	Yes	Yes	N/A	Yes	N/A	N/A	C	Visual Recon	Not Used	Pigeon Waste, Yard Debris	Residential	Educational, Behavior/Operation s Modification	Verbal Notice	8/24/2015	Yard debris dumping behind house on the bank of the slough. Found pigeon waste also being dumped at top of bank. All was cleaned up and future dumping will be stopped.	8/24/15 Inspected and found both yard waste and pigeon waste at the top of the bank of the CDDIR, cut-off slough. The report was just yard waste however when I arrived later I found yard waste and pigeon waste (We respond to yard waste calls on ditch banks when we have time and I told CDDIR that I won't have time for awhile). Inspection behind the house and garage were bird awaries with pigeons and one chicken. I spoke with the owner who indicated the ducks eat the residual seeds from the pigeon waste and therefore he thought it was ok. I provided education about stormwater runoff and the pollutants of concern. I requested he manage the bird waste in an appropriate manner as not to be exposed to stormwater or in any way go into the slough. I also requested the yard waste and pigeon waste be removed from the ditch bank and stabilize with new grass. The owner agreed and I requested a call back when finished. The weather has and is dry. 8/27/15 Inspected again the waste had been removed satisfactorily, and seed and compost applied; I thanked the owner.	None	Yes		
LV	2015-26	9/24/2015	1524 Commerce Avenue	OT	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Not Used	Sediment/Soil	Commercial	Other	Educational/Technic al Assistance, Behavior/Operation s Modification, Add or Improve Source Control BMP, Enforcement	Verbal Notice	9/30/2015	Contractor was preparing a non-profit housing organizations parking lot for parking and seal coating using a course mechanical broom and air blowers creating a dust cloud and sediment into the alley, streets, and adjacent businesses. Cleanup was completed and future controls discussed.	During inspection of a municipal project I observed the stated activity and spoke with the owner of the local company regarding the issues, educated regarding stormwater related pollutants, nuisance to the public, and the need to control dust and sediment from the operation involving preparing a parking lot for parking and a seal coat. The owner was cooperative, however indicated that it's challenging to do the work and control the dust and sediment at the same time because they cannot do it wet or everything will smear and they need a clean dry surface for seal coating. We discussed future BMPs such as cleaning with wet methods one day and detailing the next after dry using vacuum equipment for the fines or obtaining vacuum related equipment for their sweepers to control dust in dry conditions. I told the owner there is no specific BMP for this kind of operation in the Western Washington Stormwater Manual at this time, however I would do some research and get back with him. In the mean time he will need to come up with a strategy (possibly the suggestions we provided) and control the dust and sediment from migrating offsite. I requested cleanup of all surrounding areas inspected and he went over, he said he will have it all swept by the end of the day. The weather is dry during this time. Inspected at the end of the day and found that most of the sediment and dust was cleaned up, however not all and in some areas a better job was needed. I called the owner and informed of my findings requesting further cleanup and he said he will get to it in the next day or so (considering no rain forecasted). 9/30/15 I inspected again after being informed the cleanup was completed as requested and found it to be acceptable. I informed the owner and reminded him for us to keep in touch regarding improving operational methods and that we are wanting to help versus enforce if at all possible; the owner agreed although a bit frustrated yet understanding of the issue at the same time.	None	Yes	
LV	2015-27	10/1/2015	3186 OH	I	Yes	N/A	Yes (4)	N/A	Yes	N/A	I	Visual Recon, Dye Testing	Visual Indicators	Soaps/Detergents, Vehicle Fluids, sediment/soil,	Commercial	Retail (Tires, mechanical etc.)	Behavior/Operation s Modification, Add or Improve Source Control BMP, Enforcement	Verbal Notice	8/18/15 (Plugged the shop drains)	In Process	An Illicit Connection was identified on follow up inspections (see 2015-23). During the initial tire wash illicit discharge investigation we also requested and was given owner approval to check the shop drains. The owner wasn't sure were they discharge too. Was unable to verify this day. Future inspection and tracing concluded that the shop drains conveyed to the private stormwater system that is either discharging to CDDIR, Ditch #2 or to the municipal stormwater system. A new design is in the process to install pretreatment and connect to sanitary sewer.	I met and spoke with the manager on August 12, 2015 while responding to a tire washing activity potential illicit discharge. I asked the manager for permission to check the facility site for illicit connections to Longview's municipal stormwater system in the near future when he had more time. The manager was cooperative and briefly showed me the shop area. Observations revealed the strip drains within the shop lead to a deep catch basin in the corner however he leases the building and couldn't confirm with certainty that the discharge was to sanitary sewer or not. I explained illicit discharges and connections to our stormwater system and told the manager that shop drains in older buildings can sometimes be an illicit connection to stormwater. 1. Since washing the shop floors into the strip drains was a concern if the strip drains are connected to the stormwater system. One temporary option we discussed was temporary plugging the strip drains and/or the catch basin in the corner of the shop using operational controls including: a) Isolated liquids spill/leak/discharge cleanup; and b) Sweeping the rest of the floor versus washing the floors down into the strip drains conveying potential pollutants (e.g. oils, grease, oils, etc.) a line of these were observed on the shop floor the day of inspection. 2. The second temporary option and least preferred (can't recall for sure if we discussed this one or not) was to: a) Temporarily plug the outlet or effluent pipe from the corner catch basin and jump the liquids to a known sanitary sewer (line). b) Carefully raise the shop floors ensuring the liquids will not come beyond the strip drains to the exterior; c) Obtain approval by the Water & Sewer Division prior to discharging to the sanitary sewer. The manager decided to temporarily plug the shop drains voluntarily until we were able to meet again and try and trace the discharge with dye. 8/23/15 Met with the manager at the site who showed me that he plugged the strip/shop drains and the corner catch basin; the temporary plugging was done well. 8/23/15 Finally we were able to go together with the tire store representative and engineers to do more tracing for illicit connections even though operational controls have been in place to eliminate illicit discharges from happening and the catch basin when the shop and strip drains discharge was plugged to eliminate the illicit connection regardless of operation control changes. The tracing was for the purpose of finding illicit connections with the shop drains so the engineers can design a permanent solution. Tracing with dye confirmed the shop drains do connect to the private stormwater system (led into a private manhole behind the building). Took some time as there were no as built plans available at the time for the private system. The nearest sanitary sewer line and cleanout was confusing however we finally found it. The engineers will be looking into options, at least they know where to look so to sanitary sewer and they know for sure the shop drains were tied to the stormwater system. Received a call on 3/28/16 that the engineers are finished with plans and ready to submit.	None	Yes
LV	2015-28	10/19/2015	1459 Hudson	OT	Yes	Yes	N/A	Yes	N/A	N/A	I	Visual Recon	Visual Indicators	Sediment, soaps/detergents, paint chips	Commercial	Fueling	Educational/Technic al Assistance, Behavior/Operation s Modification, Add or Improve Source Control BMP, Enforcement	Verbal Notice	10/19/2015	A painting contractor was pressure washing walls and portions of the fuel island roof and supports with detergents releasing paint chips to the ground without adequate runoff controls. Operations were reviewed and illicit discharge potential to the MS4 eliminated	Inspected the painting preparation operation and found the out of town contractor pressure washing the side of a concrete well using soaps/detergents and inadequately controlling paint chips to the onsite unprotected stormwater inlet. The stormwater inlet was full of sediment and even had vegetation growing in it. After educating the contractor regarding the potential illicit discharge issue (not connecting to the MS4 well), requested stop using the soap/detergent unless they can collect the runoff and dispose properly, provide inlet protection, and when finished have the onsite catch basins cleaned out; the contractor understood the issue and cooperatively agreed. I traced runoff into the inlet protection and verified they stopped using the soap (changed out buckets to cold water only). Later inspected again to see that they had done a good job on cleanup including the plugged catch basins.	None	Yes	
LV	2015-29	11/30/2015	1155 Washington Way	I	Yes	Yes	N/A	Yes	N/A	N/A	H	Visual Recon	Not Used	Vehicle Fluids (gasoline)	Commercial, Vehicle	Fueling	No Action Needed	11/30/2015	one gallon or so gasoline spilled while being pumped at fuel station. Private or municipal stormwater systems were not affected; spill system captured discharging to oil/water separator which discharges to sanitary sewer.	We received a call from the fire department regarding a fuel spill to the stormwater system and the fuel station. I met the station manager who briefed me on the situation that a gasoline spill occurred while a customer was fueling; however the fuel was contained and sorbents applied right away. The manager indicated a small amount entered the catch basin which has spill control downturns and was contained there until cleaned up; I inspected the catch basin and confirmed. The manager showed me photos of the spill response and showed me that the covered fuel island has spill control in that the catch basin conveys to an oil/water separator which in turn discharges to sanitary sewer. The manager opened the oil/water separator which seemed ok, however she scheduled a local cleaning company with experience in cleaning oil/water separators to have it completely cleaned out and handle the disposal of materials appropriately. The manager also indicated that Ecology was notified and will be inspecting as well the next day. The manager seemed to have a good handle on the spill response and cleanup and informed me she has had to respond to several of these in the past. I informed the sanitary sewer division regarding the spill and the oil/water separator was scheduled to be cleaned this day. There was no illicit discharge to the municipal stormwater system regarding this spill, however needed to be confirmed which we did.	None	Yes		

LV	2015-30	12/8/2015	Douglas St. between Alder & 32nd Ave.	OT	Yes	Yes	Yes (5)	Yes	N/A	N/A	C	661-394	Visual Recon	Visual Indicators, color	Sediment (Highly Turbid Water)	Utility Construction	Educational/Technical Assistance, Behavior/Operation Modification, Add or Improve Source Control BMP, Enforcement	Verbal Notice	12/8/2015	Report of utility work discharging dirty water into stormwater system which was confirmed as trench dewatering was being performed on a heavy rain event day. The private utility stopped the dewatering and decided stop work for the day early.	Arrived for inspection of complaint and finally found the utility supervisor who got placed on that project on Monday temporarily (lucky him during the heavy rains). Anyway they were discharging highly turbid water into the storm drain which we received several calls. The utility supervisor indicated they were discharging into the grass field, however that was running back into their ditch so they figured with inlet protection they would be okay to just discharge onto the street. I explained illicit discharges and our municipal permit regarding enforcement and reporting and explained they needed to stop the illicit discharge and offered alternative ways to discharge appropriately if needed. They were already planning on giving up for the day anyway due to the heavy rain, so they made the decision to stop the pump and cleanup and call it an early day, which they did. Reported the G3 notification ERTS# 661-394.	None	Yes	
LV	2015-31	12/8/2015	Three locations: 1) 3rd Ave at Cambridge 2) 30th Cvs Ave, 3) Penning Sanitary sewer pump station.	I	Yes	Yes	Yes (6)	Yes	N/A	N/A	I	661-402	Visual Recon	Not Used	Sewage/Septage (mostly rain water)	Sanitary Overflow	Other	Other	Public Utility working on issue.	12/9/2015	Public utility sanitary sewer surcharge/overflow from heavy rain event. The overflow was mainly liquids and all was adequately cleaned from streets, catch basins, and manholes. Public works is aware of this issue and the Water/Sanitary Sewer Division have plans for improvements to resolve the issue; other areas have been resolved with capital improvement projects.	The sanitary sewer division inspected each site anticipated to have overflow and responded right away with the vector truck and portable vector trailer. Cleanup was performed which involved cleaning out affected catch basins, manholes, and surrounding street areas of each reported location. According to the sanitary sewer division supervisor, the discharge consisted of 99% water. The stormwater division also followed up verifying cleanup and assessing the applicable outfalls and surface waters of CDD#1 drainage ditches. No floatable oils were observed in the drainage ditches and cleanup of each area looked good.	None	