



Stormwater Management Program Plan

March 2017

Permit # WAR 04-5541

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I. Introduction

This document represents the fourth Stormwater Management Program Plan (SWMP Plan) prepared by the City of SeaTac (City) in accordance with the 2013 - 2018 National Pollutant Discharge Elimination System (NPDES) Western Washington Phase II Municipal Stormwater Permit (Permit) issued on August 1, 2012 which became effective on August 1, 2013 and has a Modification Date of January 16, 2014. Though the Permit became effective on August 1, 2013, deadlines within the Permit are phased in over the five year term of the Permit.

The SWMP Plan is intended to meet the requirements of S5.A.2 of the Permit, by informing the public of planned SWMP activities for the upcoming calendar year. The City's Stormwater Management Program (SWMP) includes numerous actions and activities with the overall goal of reducing the discharge of pollutants from its municipal separate storm sewer system (MS4) to the maximum extent practicable (MEP), while meeting all known available and reasonable technologies (AKART) requirements and protecting the water quality. (S5.B)

II. Existing Stormwater Management Program (SWMP)

The City of SeaTac's existing Stormwater Management Program is described in detail in both the March 2012 Stormwater Management Program document and the City of SeaTac 2013 Surface Water Plan. Both documents can be found on the City of SeaTac's Surface Water Management Program web page: <http://www.ci.seatac.wa.us/index.aspx?page=189>.

III. Planned Actions for 2017

A. SWMP Management and Administration (Section S5.A)

The City plans to fully comply with the management and administration requirements as described in Section S5.A of the Permit. These requirements include, but are not limited to:

- Develop and implement the SWMP
- Annually update the SWMP Plan
- Track costs or estimated costs for implementing the SWMP
- Track inspection, enforcement and public education activities
- Continue to implement existing programs

In addition to the above administrative activities, the City plans to pursue the following activities in 2017:

- Continue to Implement Kent RFA Coordination Mechanism
As of January 1st, 2014 the City of SeaTac contracts out its fire and emergency services to the Kent Regional Fire Authority (Kent RFA). In a letter dated April 4, 2014, the Kent RFA clarified and confirmed its ongoing roles and responsibilities relating to NPDES requirements (i.e. hazardous spill response and ongoing IDDE training). City staff plans to work with the City of Kent and the Kent Regional Fire

Authority (RFA) to continue to coordinate and document IDDE field staff training and spill response responsibilities, as it relates to the Kent RFA.

B. Public Education and Outreach (Section S5.C.1)

- i. In 2017 the City staff plans to maintain the existing public education and outreach programs described in the 2012 SWMP. No new educational materials or program are planned for 2017. (S5.C.1.a)
- ii. In addition, the City will continue to provide stewardship opportunities and partner with other organizations to encourage residents to participate in activities such as, storm drain curb marker program, litter pickups, volunteer monitoring, Go Green Events and riparian invasive removal events. (S5.C.1.b)
- iii. Program Evaluation (S5.C.1.c)
In 2017 the City of SeaTac plans to continue its partnership with the Environmental Coalition of South Seattle (ECOSS) on the Puget Sound Spill Kit Program, and continue to use the results from this program evaluation to improve the program and direct education and outreach resources most effectively.

C. Public Involvement and Participation (Section S5.C.2)

- i. 2013 Surface Water Plan and Rate Study
A major part of the public involvement and participation in the development of the SWMP was carried out as a part of the development of the 2013 Surface Water Plan and rate study.
- ii. Low Impact Development (LID) Code Integration
Another major component of the public involvement and participation in the City's SWMP development and implementation was carried out as a part of the update of development codes, standards and policies, and enforceable documents to integrate Low Impact Development. This public involvement process was carried out in 2016 through a total of 14 public meetings including, stakeholders group meetings, Transportation and Public Works (Council Committee) meetings, Planning Commission meetings, and City Council meetings, as well as through City newsletter articles.
- iii. Ongoing Efforts
City staff plans to continue to provide opportunities for public involvement through web posting of the SWMP Plan, and newsletter articles in 2017.

D. Illicit Discharge Detection and Elimination (IDDE) (Section S5.C.3)

- i. Maintain Existing Programs
The City plans to maintain ongoing IDDE programs and update municipal stormwater system mapping, as well as investigate and remove illicit discharges and connections to the City storm system. The existing programs also include, but are not limited to:

1. Maintenance of the 24 hour Spill Hotline (206) 973-4770; and
2. Training of municipal field staff on the identification and reporting of illicit discharges and connections.

ii. Field Screening of the MS4 (S5.C.3.c)

In 2016, the City incorporated field screening of the MS4 into the City's catch basin inspection program. City catch basin (CB) inspection staff have been trained on identifying and reporting illicit discharges when they are observed during CB inspection. This program modification allows for more efficient use of staff time by combining CB inspection and field screening inspections into a single process. Standard field screening techniques, as described in the City's 2011 IDDE Policies and Procedures Manual, will continue to be used to detect illicit discharges by IDDE staff, if indicators of illicit discharges or connections are observed by CB inspection staff. The City plans to continue this program in 2017.

iii. Mapping Updates (S5.C.3.a)

In 2016 the City initiated a Stormwater Asset Management program to video inspect and evaluate the condition of the City's underground stormwater infrastructure. As a part of this program, the video inspection staff are also ground truthing the locations of our stormwater infrastructure and updating our stormwater maps, as well as provide mapping updates for connections to our infrastructure. The City plans to continue this program in 2017.

E. Controlling Runoff from New Development, Redevelopment and Construction Sites (Section S5.C.4)

i. Maintain Existing Programs

The City is implementing the updated codes and standards resulting from the LID code and standards integration effort through its development review and inspection programs in 2017.

ii. Low Impact Development (LID) Integration (S5.C.4.f)

The City hired a consultant in 2015 to work with City staff to update City codes, standards, policies, and plans necessary to make LID the preferred and commonly used approach to site development. While this process began in 2015, changes to codes and standards were approved by City Council in November of 2016 and became effective on January 1, 2017.

iii. Training to amended codes and standards (S5.C.4.e)

The City plans to continue its ongoing training efforts for staff implementing the requirements of section S5.C.4 of the Permit. Trainings will continue to be provided in 2017 through in-house training sessions, as well as training opportunities provided by other agencies and forums, such as the Department of Ecology and the Washington Stormwater Center.

iv. Right of Way (ROW) Standards Program

In 2017 City staff have initiated a process to develop a City of SeaTac ROW Standards

document which is intended to combine all of the components of the City ROW standards (i.e. WSDOT standards, King County standards, and the City of SeaTac Addendum to Road Standards) into a single document. While this process was initiated in 2017, it is not planned to be completed until 2018.

F. Municipal Operations and Maintenance (Section S5.C5)

The City plans to maintain its ongoing programs for Operations and Maintenance (O&M) in 2017, including, but not limited to: inspection and maintenance of City owned flow control and treatment facilities; CB inspection and cleaning program; Stormwater Pollution Prevention Plan for the SeaTac Maintenance Facility; and spot check inspections. In addition to maintaining existing O&M programs, the City plans to accomplish the following in 2017:

- i. Continue to provide ongoing training to the newly adopted stormwater standards.

G. Total Maximum Daily Loads and Monitoring (Section S7 & S8)

- i. Compliance with Total Maximum Daily Loads (TMDLs)

The Permit requirements related to TMDLs are described in Section S7 and Appendix 2 of the Permit. TMDLs for specific pollutants are established for impaired water bodies by the Department of Ecology to monitor and control the amount of pollutants delivered to these water bodies. The City of SeaTac currently contains no water bodies with assigned TMDLs; therefore these requirements are not applicable to the City.

- ii. Monitoring and Assessment (S8 Requirements)

Section S8 of the Permit describes the monitoring requirements for permittees, including options to complete these monitoring requirements independently or annually contribute funding to regional monitoring programs. The City will continue to contribute funding to the regional monitoring programs in 2017, as it is by far the most cost effective option.



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