

City of Olympia's NPDES Annual Report and Stormwater Management Program Plan Overview

March 3, 2016



Clean Water Act



NPDES Permit Program



Phase I Permits



Phase II Permits

A Citywide Responsibility

Key Contributors

- Public Works
 - Water Resources
 - Transportation
 - General & Engineering Services
 - Fleet & Facilities
- CP&D
 - Planning
 - Permitting
 - Engineering/Building
- Parks
 - O&M



Key Contributors



Patricia Pyle



Steve Wise

Permit Requirements

1. Public Education & Outreach
2. Public Involvement
3. Illicit Discharge Detection & Elimination (IDDE)
4. Construction Site Runoff
5. Municipal Operations and Maintenance (O&M)
6. Compliance with TMDL
7. Monitoring and Assessment
8. Reporting

Issuance Date:	August 1, 2012
Effective Date:	August 1, 2013
Expiration Date:	July 31, 2018
Modification Date:	January 16, 2014


**Western Washington Phase II Municipal
Stormwater Permit**

National Pollutant Discharge Elimination System and
State Waste Discharge General Permit
for discharges from Small Municipal Separate Storm Sewers
in Western Washington

**State of Washington
Department of Ecology**
Olympia, Washington 98504-7600

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.*

Until this permit expires, is modified, or revoked, Permittees that have properly obtained coverage under this permit are authorized to discharge to waters of the state in accordance with the special and general conditions which follow.


Heather R. Bartlett
Water Quality Program Manager
Department of Ecology

Public Education and Outreach

- General Public and Businesses
- Engineers, Contractors, Developers and Land Use Planners
- Residents, Landscapers, and Property Managers/Owners

5 - Public Education and Outreach
2015 Summary

	TOTAL	Action / Stewardship	Education /Class /Workshop	Education / Schools	Salmon Stewards
# of events	147	69	28	38	12
# of attendees	4854	1203	798	1508	1,345
# of volunteers	412	177	83	92	60
# of volunteer hours	1393	873	150	248	122

Definitions

Action/stewardship -	Includes citizen monitoring (Macro, Amphibian, Purple Martin, Shorebird, etc.) tree planting and stormdrain marking, etc.
Education / Class/Workshops -	Adult and family programming including: Sound Steward walks, Marine Creature Mondays, lawn care, beach seining, Phytoplankton lectures, bat lectures, etc.
Education/Schools -	Water Quality and Habitat Focused environmental education in collaboration with the Olympia School District

Other Outreach

Natural Lawn Care Program	Developed and implemented a natural lawn care program as part of an NEP grant. 141 targeted residential property owners participated in this program in 2015.
Stream Team Newsletter	In collaboration with other Stream Team jurisdictions co-produce a quarterly newsletter that is electronically delivered to 1,800 people. 12,950 paper copies are distributed regionwide (approximately 4000 in Olympia).
Stream Team Website	In collaboration with other Stream Team jurisdictions co-developed and maintain a website for Stream Team.
Pet Waste Program	Distributed five neighborhood pet waste stations. Distributed 180 small pet waste bag dispensers to Joint Animal Services and Olympia residents.
Car Wash Program	Loaned Car Wash kits to 4 "non-profits" to hold approved CCCS car washes
Lawn Aeration Program	Provide cost share incentives for residential property owners to rent an aerator and aerate their own lawns. 57 residential property owners participated in this program in 2015.
Rain Garden Incentives	Provide cost share incentives to Olympia residents to encourage the installation of rain gardens. Four rain gardens were installed with two incentives provided in 2015
Storm Drains	Four volunteers participated to install 54 storm drain markers around the City.
Holiday Tree Rental	Working with a local tree nursery, we solicit residents to "rent" their holiday tree and then donate them to the City. 120 trees were donated to the City in 2014/2015 and 67 of these were subsequently used for restoration projects.

Public Involvement

- Advisory Councils
- Public Hearings
- Watershed Committees
- Participation in developing rate-structures

Illicit Discharge Detection and Elimination (IDDE)

- Prevent, Detect, Trace, and Eliminate Illicit Connections and Illicit Discharges
 - Spill Hotline= 753-8333 (PW Dispatch)
 - 15 illicit discharges eliminated during 2015
- Compliance and Enforcement
- Stormwater System Mapping
- Training Field Staff

Construction Site Runoff

- Drainage Design and Erosion Control Manual for Olympia
- CP&D and PW Coordination
 - Development Plan Review
 - Inspections
 - Compliance & Enforcement
- Training (Erosion Control, LID, SW Design)

Operations and Maintenance (O&M) Pollution Prevention

- Stormwater System Inspections
 - Spot Checks – “hot spot” list
 - Catch Basins
 - Treatment and Flow Control Facilities
- Stormwater Pollution Prevention Plan (SWPPPs)
 - Public Works Maintenance Center
 - Priest Point Park Maintenance Facility
- Training (Spill Response, Erosion Control, BMPs)

TMDL and Monitoring

- Henderson
 - Continue Monitoring of Taylor Wetland Outfall
 - Revised Coordination Plan with City of Lacey
- Deschutes
 - Participated in Public Comment Process
 - Volume I submitted to EPA in December 2015



**Deschutes River, Percival Creek,
and Budd Inlet Tributaries
Temperature, Fecal Coliform
Bacteria, Dissolved Oxygen,
pH, and Fine Sediment
Total Maximum Daily Load**

*Water Quality Improvement Report
and Implementation Plan - FINAL*



December 2015
Publication no. 15-10-012

Monitoring and Assessment

- Regional Stormwater Monitoring Program
- Interlocal Agreement with Thurston County
 - Black Lake Ditch
 - Chambers Creek
 - Indian Creek
 - Moxlie Creek
 - Percival Creek

Thank You! Any Questions?

