

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

March 5, 2015





# 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



# 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)

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  
2014 Summary

	TOTAL	Action / Stewardship	Education /Class /Workshop	Education / Schools	Salmon Stewards
# of events	83	51	20	12	
# of attendees	3042	120	807	257	1,858
# of volunteers	219	127	22	51	19
# of volunteer hours	761	419	42	16	284

## 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, Martine 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

Business Pollution Prevention,	In collaboration with other Stream Team jurisdictions partnered with ECCOS to distribute spill kits to 162 automotive and food service businesses in Olympia. (See attached report)
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.
Lawn Care Program	Developed and implemented a natural lawn care program as part of an NEP grant. 75 targeted residential property owners participated in this program in 2014.
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. 45 residential property owners participated in this program in 2014.
Rain Garden Incentives	Provide cost share incentives to Olympia residents to encourage the installation of rain gardens. 3 property owners participated in the program in 2014.
Storm Drains	Developed and distributed 400 "spill awareness" magnets
Holiday Tree Rental	Working with a local tree nursery, we solicit residents to "rent" their holiday tree and then donate them to the City. 93 trees were donated to the City in 2014/2015 and subsequently used for restoration projects.
Pet Waste Program	Distributed 11 neighborhood pet waste stations. Distributed 110 "BOB's" to Olympia residents.

# 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)
  - 10 illicit discharges eliminated during 2014
- 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)

# Thank You! Any Questions?

