

Stormwater Management – Implementation of the UW Seattle Campus Operations and Maintenance (O&M) Plan

For Facilities Services

January 2017

Introduction

The University of Washington Seattle Campus (UW) stormwater discharges are regulated by the Phase I Municipal Stormwater Permit. We are a “secondary permittee” and must comply with;

- Phase I permit requirements
- Seattle city code.

The UW has already developed and implemented a stormwater management program (SWMP). Please see...

The SWMP is designed and implemented to reduce the discharge of pollutants from the stormwater system to the maximum extent practicable and protect water quality.

The UW SWMP includes the following six (6) minimum measures:

1. Public education and outreach on the impacts of stormwater pollution
2. Public involvement and participation
3. Illicit discharge detection and elimination
4. Construction site stormwater runoff control
5. Post-construction stormwater management for new development and redevelopment, and
6. Pollution prevention and good housekeeping for facilities operation.

This program focus will be on number 6 – “the O&M plan.”

Pollution Prevention and Good Housekeeping – the O&M plan

According to the Phase I Permit, the UW will:

1. Implement a municipal operation and maintenance (O&M) plan to minimize stormwater pollution from activities conducted by the UW.
2. Address stormwater collection and conveyance systems, including catch basins, stormwater pipes, open channels, culverts, and stormwater treatment and flow control BMPs/facilities.

Reference Material

The UW Stormwater Management Program (SWPP)

The UW Operations and Maintenance Plan (O&M)

The "DRAIN MAINT" Team

John Wallace – UW EHS xwallace@uw.edu 206 616-5837

- Facilitator and Meeting coordinator
- SW permit manager
- Technical support (Ken and Eric's, plus Jim and Dave)
- Regulatory liaison (ECY, SPU, NOV's, etc.)

Brian Davis

- Execute work requests
- Budgets and forecasting
- Recordkeeping

James Morin

- Stormwater infrastructure asset list
- Stormwater infrastructure mapping

David Ogrodnik

- SW permit manager
- Technical support
- Regulatory liaison

Cesar Escobar

- Maintain SharePoint site.

Ken Rogers

- Execute maintenance work requests
- Manage O&M plan

Erik Brihagen

- Execute maintenance work requests
- Manage O&M plan

Executive Team

- EHS – Doug Gallucci
- FS – Howard Nakase
- FS CE – Ali Ferdos

Sections for SharePoint

Introduction

Contact list (roles and responsibilities)

Permits and Plans (SWMP, O&M)

References (Seattle code, ECY SW permit, Tech manuals)

Asset list

BMPs

- Inspections

- Cleaning (asset-specific)

- Repairs

- Illicit discharges

Vendors (Service, supplies)

- VPC

- Second vendor?

- NRC

- EProcurement? (Grainger, Fastenal)

- Include contact list

- Current contracts

Training

- General Stormwater

- Inspections

- Asset specific?

- Work request specific?

Maps (current and previous years)

Records

- Completed work requests

- Inspections

- Regulatory Correspondence (SPU, ECY)

- Previous maps

- Meeting notes

Forms (meeting, spill forms, inspection, ordering)

Finance?

- Rates for budget forecasting

- Supplies and equipment

- Vendor service rates

Tasks to assign:

- Secure maintenance vendor (2?)
- Contracts for vendors
- Assemble BMPs
- Draft BMPs
- Training (BMPs, general SW, inspections, etc.)

