Stormwater Management

PURPOSE AND SCOPE
The University is responsible for planning, operating, monitoring, maintaining, and protecting stormwater facilities and systems at WSU campuses, in accordance with federal, state, and local regulations.

Applicability
This SPPM section is applicable to WSU Pullman, WSU Spokane, WSU Tri-Cities, and WSU Vancouver.

Regulatory Requirements
The Environmental Protection Agency (EPA) and Washington Department of Ecology (DOE) have determined that stormwater pollutants are a major source of surface water pollution in the United States. Federal and state regulations and permits require control and management of stormwater facilities and systems in accordance with the DOE's Eastern and Western Washington Phase II Municipal Primary and Secondary Stormwater Permits (see WAC 173-226-230), and the city or regional ordinances of Pullman, Richland, Spokane, and Vancouver, where applicable.

NOTE: DOE Construction Stormwater General Permit requirements are incorporated into the Eastern and Western Washington Phase II Municipal Stormwater Discharge Permits and the Stormwater Management Programs.

Stormwater Management Programs
The University has developed Stormwater Management Programs (SWMPs) for WSU Pullman, WSU Spokane, WSU Tri-Cities, and WSU Vancouver.

Refer to the following subsections in this section for further information regarding stormwater management at the four WSU campuses:

- [WSU Pullman](#)
- [WSU Spokane](#)
- [WSU Tri-Cities](#)
- [WSU Vancouver](#)

DEFINITIONS

Stormwater
Stormwater is defined as the portion of precipitation that does not naturally percolate into the ground or evaporate, but instead runs off paved roads and parking lots, roofs, and other impervious surfaces during rainfall or snow melt. Stormwater can also come from hard or saturated grass surfaces, such as lawns, pastures, and playfields, and from gravel roads.
Stormwater Management

**Stormwater (cont.)**
As water runs off these surfaces, it can pick up pollutants, such as oil, fertilizers, pesticides, soil, trash, and animal waste.

**Total Maximum Daily Load**
A Total Maximum Daily Load (TDML) is a water cleanup process that is a calculation of the maximum amount of a pollutant that a water body can receive and still meet applicable water quality standards.

**Illicit Discharges**
Illicit discharges are prohibited from entering storm sewers and surface waters.

An illicit discharge is defined as any discharge that is not stormwater, which can include but is not limited to:

- Potable water sources (water line flushing, fire hydrant flushing, and pipeline hydrostatic test water, unless the discharge is dechlorinated and volumetrically and velocity controlled to prevent resuspension of sediments).
- Discharges from lawn watering and other irrigation runoff.
- Street and sidewalk wash water, water used to control dust, and routine external building washdown.
- Car washing activities.
- Soil erosion from construction sites, including street cleaning.
- Illicit connections such as sanitary sewers tied into storm sewers.
- Swimming pool discharges.
- Spilling, dumping, or otherwise improperly disposing of hazardous materials, pet waste, and litter.

Discharges from emergency fire fighting activities are not considered illicit discharges.

**WSU PULLMAN**

**Reporting Illicit Discharges, Concerns, or Emergencies**
Individuals may report illicit discharges, concerns, or emergencies to the campus offices indicated below:

**During University Business Hours**
Environmental Health and Safety (EH&S); telephone 509-335-3041.
Stormwater Management

WSU PULLMAN (cont.)

Before or After University Business Hours
Facilities Services, Operations; telephone 509-335-9000.

Stormwater Committee
The Stormwater Committee coordinates and makes decisions for the WSU Pullman campus stormwater management system and program to meet the Eastern Washington Phase II Municipal Stormwater Primary and Secondary Permit requirements and Pullman city ordinances, where applicable.

Stormwater Committee Member Positions
The Stormwater Committee has one chair and several staff representatives.

Chair
The chair position rotates between the following University positions on an annual basis:

- Environmental Health and Safety Director
- Facilities Services, Operations Executive Director, Architecture, Engineering, and Construction Services
- Facilities Services, Capital Director, Construction Services

Staff Representatives
The following University positions serve as staff representatives to the Stormwater Committee:

- Facilities Services, Operations Director, Plant Services
- Transportation Services Director
- Environmental Health and Safety Air and Water Quality Manager Facility Health and Safety Coordinator
- Facilities Services, Capital Project Manager
- Housing and Dining Maintenance Services Assistant Director
Stormwater Management

WSU PULLMAN (cont.)

**Stormwater Management Program (SWMP) Components**

The WSU Pullman SWMP has the following components:

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site stormwater runoff and control
- Post-construction stormwater management for new development and redevelopment
- Pollution prevention and good housekeeping for municipal operations
- Monitoring, program evaluation, and recordkeeping requirements
- Compliance with [Total Maximum Daily Load](https://www.epa.gov/tmdl) (TMDL) requirements

**Program Document**

The most current version of the WSU Pullman SWMP is available to the public from the EH&S website. The University encourages public participation and input in the continued development of the SWMP.

To view the WSU Pullman SWMP, go to EH&S website at:

[ehs.wsu.edu/ph/StormwaterManagement.html](http://ehs.wsu.edu/ph/StormwaterManagement.html)

**Responsibilities**

The Stormwater Committee coordinates the implementation of the WSU Pullman SWMP and permit components. The following are specific departmental responsibilities. Refer to the SWMP for more details.

**Facilities Services, Operations**

Facilities Services, Operations is responsible for:

- Staff education and outreach.
- Public involvement and participation.
- Illicit discharge detection and elimination.
- Construction site stormwater runoff and control.
- Pollution prevention and good housekeeping for municipal operations.
Stormwater Management

WSU PULLMAN (cont.)

Facilities Services, Operations (cont.)
- Post-construction stormwater management for new development and redevelopment.
- TMDL requirements.

Environmental Health and Safety
Environmental Health and Safety is responsible for:
- Public education and outreach.
- Public involvement and participation.
- Illicit discharge detection and elimination.
- Monitoring, program evaluation, and recordkeeping requirements.
- Construction site Stormwater Pollution Prevention Plan (SWPPP) reviews.
- TMDL requirements.

Facilities Services, Capital
Facilities Services, Capital is responsible for:
- Construction site stormwater runoff and control (including acquisition of DOE Construction Stormwater General Permits).
- Design of post-construction stormwater management facilities for new development and redevelopment.
- Contractors.

Transportation Services
Transportation Services is responsible for:
- Staff education and outreach.
- Illicit discharge detection and elimination.

Housing and Dining Services
Housing and Dining Services is responsible for:
- Staff and public education and outreach.
- Illicit discharge detection and elimination.
- Pollution prevention and good housekeeping for municipal operations.
- Post-construction stormwater management for new development and redevelopment.
Stormwater Management

WSU SPOKANE

Reporting Illicit Discharges, Concerns, or Emergencies

Individuals may report illicit discharges, concerns, or emergencies before, during, or after normal University business hours to WSU Spokane (WSUS) EH&S; telephone 509-358-6699; or WSU Spokane Facility Services; telephone 509-358-7994.

Stormwater Management

At the WSU Spokane campus, WSU Spokane EH&S and WSU Spokane Facility Services, coordinate and make decisions for the campus stormwater management system and program to meet the Eastern Washington Phase II Municipal Stormwater Secondary Permit requirements and Spokane city ordinances, where applicable.

SWMP Components

The WSU Spokane SWMP has the following components:

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site stormwater runoff and control
- Post-construction stormwater management for new development and redevelopment
- Pollution prevention and good housekeeping for municipal operations
- Monitoring, program evaluation, and recordkeeping requirements

Program Document

The most current version of the WSU Spokane SWMP is available to the public by contacting WSU Spokane Facility Services, telephone 509-358-7994. The University encourages public participation and input in the continued development of the SWMP.

Responsibilities

WSU Spokane EH&S and WSU Spokane Facility Services coordinate the implementation of the WSU Spokane SWMP and permit components. The following are specific departmental responsibilities. Refer to the SWMP for more details.

WSUS EH&S

WSU Spokane EH&S is responsible for:

- Public education and outreach.
- Public involvement and participation.
Stormwater Management

WSU SPOKANE (cont.)

WSUS EH&S
- Illicit discharge detection and elimination.
- Construction site stormwater runoff and control.
- Pollution prevention and good housekeeping for municipal operations.
- Post-construction stormwater management for new development and redevelopment.
- Monitoring, program evaluation, and recordkeeping requirements.

WSUS Facility Services
WSU Spokane Facility Services is responsible for:
- Public education and outreach.
- Public involvement and participation.
- Illicit discharge detection and elimination.
- Construction site stormwater runoff and control.
- Pollution prevention and good housekeeping for municipal operations.
- Post-construction stormwater management for new development and redevelopment.
- Monitoring, program evaluation, and recordkeeping requirements.

WSUS Campus Development
WSU Spokane Campus Development is responsible for:
- Construction site stormwater runoff and control (including acquisition of DOE Construction Stormwater General Permits).
- Design of post-construction stormwater management facilities for new development and redevelopment.

WSU TRI-CITIES

Reporting Illicit Discharges, Concerns, or Emergencies
Individuals may report illicit discharges, concerns, or emergencies to the campus offices indicated below:

During University Business Hours
WSU Tri-Cities (WSUTC) EH&S; telephone 509-372-7163.

Before or After University Business Hours
WSUTC Emergency Line; telephone 509-372-7234.
Stormwater Management

WSU TRI-CITIES (cont.)

Stormwater Management
At the WSU Tri-Cities campus, the Vice Chancellor of Finance and Administration coordinates and makes decisions for the campus stormwater management system and program to meet the Eastern Washington Phase II Municipal Stormwater Secondary Permit requirements and Tri-Cities regional ordinances, where applicable.

SWMP Components
The WSU Tri-Cities SWMP has the following components:

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site stormwater runoff and control
- Post-construction stormwater management for new development and redevelopment
- Pollution prevention and good housekeeping for municipal operations
- Monitoring, program evaluation, and recordkeeping requirements

Program Document
The most current version of the WSU Tri-Cities SWMP is available to the public by contacting WSUTC EH&S; telephone 509-372-7163. The University encourages public participation and input in the continued development of the SWMP.

Responsibilities
The WSU Tri-Cities Vice Chancellor of Finance and Administration coordinates the implementation of the WSU Tri-Cities SWMP and permit components. The following are specific departmental responsibilities. Refer to the SWMP for more details.

WSUTC EH&S
WSU Tri-Cities EH&S is responsible for:

- Public education and outreach.
- Public involvement and participation.
- Illicit discharge detection and elimination.
- Construction site stormwater runoff and control.
- Monitoring, program evaluation, and recordkeeping requirements.
Stormwater Management

WSU TRI-CITIES (cont.)

WSUTC Facilities Department  WSU Tri-Cities Facilities Department is responsible for:

- Construction site stormwater runoff and control.
- Pollution prevention and good housekeeping for municipal operations.
- Post-construction stormwater management for new development and redevelopment.

Facilities Services, Capital  Facilities Services, Capital at WSU Pullman is responsible for the following functions at WSU Tri-Cities:

- Construction site stormwater runoff and control (including acquisition of DOE Construction Stormwater General Permits).
- Design of post-construction stormwater management facilities for new development and redevelopment.

WSUTC Campus Marketing  WSU Tri-Cities Campus Marketing is responsible for:

- Public education and outreach.
- Public involvement and participation.

WSU VANCOUVER

Reporting Illicit Discharges, Concerns, or Emergencies  Individuals may report illicit discharges, concerns, or emergencies to the campus offices indicated below:

During University Business Hours  WSU Vancouver (WSUV) EH&S; telephone 360-546-9706; or WSUV Facilities Operations; telephone 360-546-9000.

Before or After University Business Hours  WSUV Public Safety; telephone 360-546-9001.

Stormwater Management  At the WSU Vancouver campus, the Vice Chancellor of Finance and Operations and the Director of Capital Planning coordinate and make decisions for the campus stormwater management system and program to meet the Western Washington Phase II Municipal Stormwater Secondary Permit requirements and Vancouver city ordinances, where applicable.
Stormwater Management

WSU VANCOUVER (cont.)

SWMP Components

The WSU Vancouver SWMP has the following components:

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site stormwater runoff and control
- Post-construction stormwater management for new development and redevelopment
- Pollution prevention and good housekeeping for municipal operations
- Monitoring, program evaluation, and recordkeeping requirements

Program Document

The most current version of the WSU Vancouver SWMP is available to the public from the WSU Vancouver EH&S website. The University encourages public participation and input in the continued development of the SWMP.

To view the WSU Vancouver SWMP, go to the WSU Vancouver EH&S website at:

admin.vancouver.wsu.edu/ehs/environmental-health-safety

Responsibilities

The Director of WSU Vancouver Facilities Operations coordinates the implementation of the WSU Vancouver SWMP and permit components. The following are specific departmental responsibilities. Refer to the SWMP for more details.

WSUV Facilities Operations

WSU Vancouver Facilities Operations is responsible for:

- Illicit discharge detection and elimination.
- Pollution prevention and good housekeeping for municipal operations.
- Post-construction stormwater management for new development and redevelopment.
- Monitoring, program evaluation, and recordkeeping requirements.
Stormwater Management

**WSU VANCOUVER (cont.)**

**WSUV EH&S**  
WSU Vancouver EH&S is responsible for:

- Public education and outreach.
- Public involvement and participation.
- Monitoring, program evaluation, and recordkeeping requirements.

**WSUV Capital Planning and Development**  
WSU Vancouver Capital Planning and Development is responsible for:

- Construction site stormwater runoff and control (including acquisition of DOE Construction Stormwater General Permits).
- Design of post-construction stormwater management facilities for new development and redevelopment.

**WSUV Public Safety**  
WSU Vancouver Public Safety is responsible for illicit discharge detection and elimination enforcement.