

Stormwater Management Program 2025

PERMIT #WAR04-5208

Facilities, Operations & Maintenance
CENTRALIA COLLEGE | 600 CENTRALIA COLLEGE BLVD | CENTRALIA, WA 98531

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INTRODUCTION

On January 17, 2007 the Department of Ecology (Ecology) issued the National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit for discharges from Small Municipal Separate Sewer (MS4) in Western Washington (Phase II Municipal Storm Water Permit). The permit became effective on February 16, 2007. The Phase II Permit automatically applies to cities and counties with populations less than 100,000 located within or partially within a federally designated urbanized area and that operate a municipal separate stormwater sewer system (MS4), which discharges to a “waterway” of Washington state (i.e., river, lake, stream, wetland, etc.). As a result of the City of Centralia designation, Centralia College (CC) is designated as a secondary Permittee with coverage under the Phase II Permit.

Centralia College's permit coverage number is WAR04-5208. The geographic extent of coverage for this permit consists of Centralia College, 600 Centralia College Blvd, Centralia, WA 98531. The campus boundaries runs West on Centralia College Blvd from Silver St to Cedar Street, South on Cedar Street to Pear Street, East on Pear Street from Cedar Street to Silver Street and North on Silver Street to Centralia College Blvd.

Centralia College stormwater inventory consists of the following:

- 40 Catch Basins
- 16 Swales
- 350K Underground Storage
- Pervious Pavement Parking Lot
- Pervious Pavers (Brick Walkway)

[\[Centralia College Stormwater Map – Appendix A\]](#)

PROGRAM COMPONENTS

The purpose of the Storm Water Management Program (SWMP) is to serve three audiences in the following ways:

Department of Ecology

Provides written documentation on how Centralia College will comply with the permit requirements for a Stormwater Management Program (SWMP) as described in the Western Washington Phase II Municipal Stormwater Permit;

The Public

Solicit input through public involvement and participation requirements to help build support for the Centralia College SWMP

CC Staff and Faculty

Centralia College's Stormwater Management Program (SWMP) will educate staff and faculty through workshops and communication to build support in order to ensure the understanding of the program.

The program includes six required components for the Secondary Permittees designed to reduce the discharge of pollutants from the MS4. These components described below are obtained from S6 (Stormwater Management Program for Secondary Permittees) within the Western Washington Phase II Municipal Stormwater Permit.

Special Conditions S6.D.1 thru S6.D.6 Components:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post-Construction Stormwater Management for New Development and Redevelopment
- Pollution Prevention and Good Housekeeping for Municipal Operations

S6.D.1 PUBLIC EDUCATION AND OUTREACH

Centralia College shall educate the college community on stormwater issues. The college community consists of students, staff, faculty, visitors, service providers and contractors. Some elements must be started, while others are already in place and shall be maintained. The goal shall be to increase awareness of the link between on-campus activities and water quality in streams and lakes in Lewis County. Students and staff shall be provided with guidance on steps and specific actions that they can take to reduce their stormwater pollution potential.

This process shall be carried out through the Facilities, Operations & Maintenance (FOM) Department in cooperation with other campus groups to design and implement specific means of carrying out each of the elements, delegating as necessary. The required educational topics shall be covered through a variety of media and employ the following strategies:

Label Stormwater Drains

All storm drain inlets on campus shall be clearly and permanently labeled with the message "Dump No Waste Drains to Stream." The specific location of these storm drain inlets are indicated on the stormwater map. All inlets are currently labeled. Any inlet having a label that is missing or no longer clearly visible shall be re-labeled within 90 days.

Educate students and staff on stormwater issues

Each year, information on the impact of stormwater discharges on receiving waters and the steps that can be taken to reduce pollutants in stormwater runoff shall be distributed. This information may be distributed through a variety of media: handouts, flyers, newsletters, pamphlets, newspaper articles, science seminars, lectures, web pages and course work.

The following topics shall be covered:

- How stormwater runoff affects surface water.
- Proper use and application of pesticides and fertilizers.
- Benefits of using native and well-adapted vegetation.
- Alternative equipment washing practices including cars and trucks that minimize pollutants in stormwater.
- Benefits of alternative transportations choices

- Proper handling and disposal of wastes, including the location of hazardous waste collection facilities in the area.
- Benefits of litter control and proper disposal of pet waste.

S6.D.2 PUBLIC INVOLVEMENT AND PARTICIPATION

The latest updated version of the SWMP shall be made available to the public via posting to the Centralia College website. In addition, students and staff shall be involved in prevention activities and be encouraged to contact FOM regarding any questions or concerns at 360-623-8947 or facilities@centralia.edu.

S6.D.3 ILLICIT DISCHARGE DETECTION AND ELIMINATION

Centralia College shall comply with local ordinances, rules, and regulations that govern non-stormwater discharges. Centralia College shall develop, adopt and enforce appropriate procedures prohibiting illicit discharges and illegal dumping. These procedures shall address, at the minimum: illicit connections, non-stormwater discharges and spilling, dumping, or otherwise improperly disposing of hazardous materials, pet waste, and litter.

The following sources may be discharged to the stormwater system:

- Non-stormwater discharges covered by another NPDES permit
- Discharges from emergency firefighting activities
- Diverted stream flows
- Rising ground waters
- Uncontaminated ground water infiltration
- Foundation drains
- Air conditioning condensation
- Irrigation water from agricultural sources that is commingled with urban stormwater
- Springs

The following sources are not allowed to discharge to the stormwater system, unless stated conditions are met:

- Discharges from potable water sources, including water line flushing, hyper chlorinated water line flushing, fire hydrant system flushing, and pipeline hydrostatic test water, unless the water is dechlorinated to 0.1 ppm or less, pH-adjusted if necessary, and controlled to prevent resuspension of sediments in the stormwater system.
- Discharges from lawn watering and other landscape irrigation runoff. These discharges are reduced through limited irrigation only during the summer

months. Irrigation schedules and sprinkler patterns are monitored frequently to ensure landscaped areas are not overwatered.

- No chemicals or detergents will be used during the cleaning of exterior buildings, sidewalks, streets, and parking lots. Where moss accumulates on buildings and sidewalks they will be cleaned with a high-pressure washer or brush. Wash water used during the cleaning will be conserved as much as possible.
- The Facilities, Operations & Maintenance staff shall conduct periodic field inspections throughout the year. Visually monitoring the stormwater system for proper operation and inspecting for integrity. At least one third (on average) of stormwater outfalls shall be inspected each year beginning no later than two years from the date of permit coverage.
- Illicit discharge is an unknown pollutant or contaminate that enters the stormwater system without being treated.
- Develop and implement a spill response plan that includes coordination with a qualified spill responder.
- The Facilities, Operations & Maintenance staff shall be trained in the prevention of spills as well as how to response and report any spills or illicit discharges.
- **Report all illicit discharge to 360-623-8888 or facilities@centralia.edu**

S6.D.4 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

All construction sites on campus, greater than one acre, shall have controls in place to prevent pollution of stormwater. College project managers shall be responsible for monitoring the site.

Centralia College shall develop a program to eliminate or reduce any runoff problems due to construction activity. Contractors and consultants shall be made aware of this program at the pre-construction meeting. Any stormwater pollution that occurs on the construction site during construction due to the contractor's actions will be the sole responsibility of the contractor.

S6.D.5 POST-CONSTRUCTION RUNOFF CONTROL

Centralia College shall develop plans to control any potential runoff pollution due to construction activities on college owned properties. Impervious surfaces already in place on the college campus are of particular concern. After construction, the college stormwater system will be checked and shall be monitored to ensure proper operation and no damage has occurred.

S6.D.6 POLLUTION PREVENTION AND GOOD HOUSEKEEPING

Pollution prevention and good housekeeping require the development and implementation of a solid plan. Staff must be trained to follow that plan and the goal of the plan is to lessen our contribution of pollutants to the maximum extent possible, by identifying any and all activities that may affect stormwater.

Operation & Maintenance Plan

The FOM department shall develop and implement an operation and maintenance (O&M) plan to minimize stormwater pollution. The O&M plan shall include appropriate pollution prevention and good housekeeping procedures for all of the following operations, activities, and/or types of facilities. FOM shall keep records in order to track:

- 1) Performance of operational of stormwater system
- 2) Performance of scheduled inspections
- 3) Responses to spills
- 4) Respond to any known or potential pollution incidents.

Operations, activities and/or types of facilities include:

- The O&M Plans' emphasis shall be on prevention. It shall identify and implement means of minimizing the influx of debris into the MS4. Open ditches shall be visually inspected and cleared of debris. The waste from oil-water separators shall be removed regularly and disposed of properly.
- Roads and parking lots - The O&M Plan shall include an all-season BMP to reduce road and parking lot debris and other pollutants from entering the MS4. It shall include a schedule for the frequency of street and parking lot cleaning, and a protocol for appropriate disposal of waste collected during this process.
- College vehicles - The O&M Plan shall establish a procedure for pollution prevention and runoff reduction from activities including maintenance of the vehicles. The plan shall seek consistency of practices, to reduce the discharge of pollutants to the MS4 to the maximum extent practicable.
- External building maintenance - The Maintenance group performs external building maintenance by periodically washing the buildings and sidewalks as needed. The O&M Plan shall establish a formal protocol for cleaning and any other external building maintenance that may be required.

- Grounds and open spaces - The O&M Plan shall address the proper application of fertilizer, pesticides, and herbicides; sediment and erosion control; BMPs for landscape maintenance and vegetation disposal; and trash and pet waste management.

Employee Training

All employees whose construction, operations, or maintenance job functions may impact stormwater quality shall be educated in the following areas:

- The importance of protecting water quality – Employees shall be trained on the recreational, educational, and ecological value of Centralia College's campus.
- The requirements of the Permittee – Employees shall be trained on the contents of the SWMP and the steps that Centralia College must follow to comply with the permitting process.
- Operation and maintenance requirements – Employees shall be trained on the contents of the O&M Plan and on steps for compliance with that plan.
- Inspection Procedures – Employees shall be trained on the frequency and manner of inspections. They shall be given proper equipment to do their jobs, and they shall be trained in its use. Employees shall be trained to follow the schedules contained in the O&M Plan.
- Ways to perform their job activities to prevent or minimize impacts to water quality – Employees shall be trained in the impact of everyday activities on water quality and provided with alternatives that reduce impact.
- Procedures for reporting water quality concerns, including potential illicit discharges – Employees shall be given information on who they can contact to report illicit discharges and other water quality concern.
- **Report all illicit discharge to 360-623-8888 or facilities@centralia.edu**

APPENDIX A – STORMWATER CAMPUS MAP

CENTRALIA COLLEGE CAMPUS MAP



APPENDIX B – BEST MANAGEMENT PRACTICES (BMP)

Stormwater Pollution Prevention and Best Management Practices

Here is how you can protect water quality:

1. Good Housekeeping

- a. Keep your work area neat and orderly – do not let scrap or waste accumulate
- b. Keep unused containers closed tightly.
- c. Use a drip pan temporarily – clean up drips and spills immediately.

2. Outdoor Materials Storage

- a. Store materials out of rainfall – keep lids on all containers and label correctly.
- b. Avoid loading/unloading during poor weather or load/unload under a roof.

3. Spill Response

- a. NEVER hose or wash down a spill into the street, ditch or storm drain.
- b. Use a “dry” clean-up method like sweeping or spreading an absorbent.
- c. Protect storm drains – place an absorbent or blockage between the spill and drain.
- d. Dispose of clean-up waster properly – ensure hazardous wastes go in proper containers.

4. Vehicle & Equipment Fueling and Repair

- a. Stay with vehicles while fueling – avoid overfilling or “topping off”.
- b. Move leaking vehicles and equipment indoors.
- c. Use a drip pan to catch temporary leaks until they can be fixed.

5. Outdoor Maintenance

- a. Use a drop cloth or tarp to catch dust & scraps.
- b. Clean-up scrap, drips and residues by sweeping after each shift.

6. Waste Management

- a. NEVER use storm drains/ditches for waste disposal – avoid and report illegal dumping.
- b. Ensure lids are secured on all waste containers.