

Stormwater Management Program 2020

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.

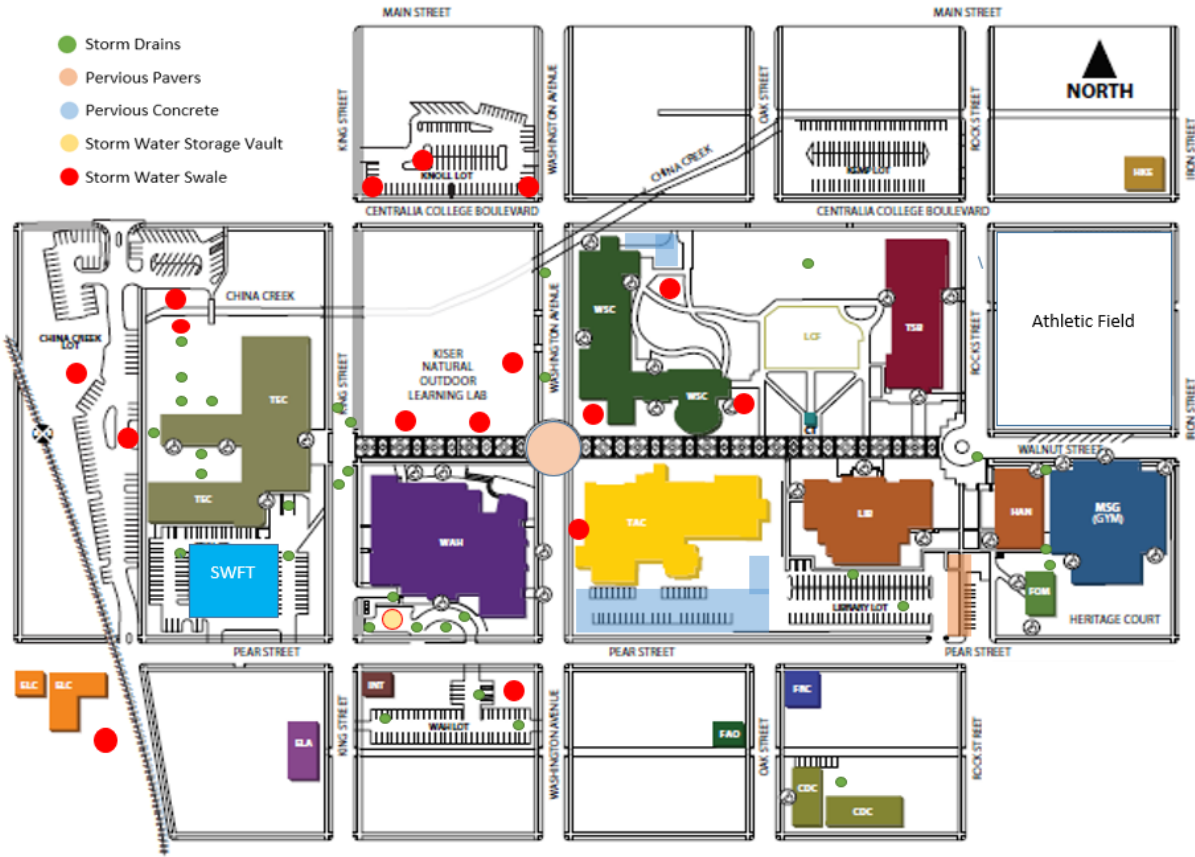
Employee Training

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.

APPENDIX C – MS4 ANNUAL REPORT SECONDARY



Water Quality Program

Permit Submittal Electronic Certification

Permittee: CENTRALIA COLLEGE

Permit Number: WAR045208

Site Address: 600 CENTRALIA COLLEGE BLVD
Centralia, WA 98531

Submittal Name: MS4 Annual Report Secondary

Version: 1

Due Date: 3/31/2021

Questionnaire

Number	Permit Section	Question	Answer
1	S9.E.5	Attach a notification of any jurisdictional boundary changes resulting in an increase or decrease in the Secondary Permittee's geographic area of coverage during the reporting period. (Required annually, S9.E.5)	Not Applicable
2	S6.D.1.a	Labeled all storm drain inlets owned or operated by the Secondary Permittee that are located in maintenance yards, in parking lots, along sidewalks, and at pedestrian access points. (Required no later than four years from initial date of permit coverage, S6.D.1.a)	Yes
3	S6.D.1.a	Re-labeled all storm drain inlets with labels when no longer clearly visible and/or easily readable within 90 days. (Required no later than four years from initial date of permit coverage, S6.D.1.a)	Yes
4	S6.D.1.b	(Public ports, colleges, and universities only) Distributed educational information to tenants and residents about the impact of stormwater discharges on receiving waters and steps that can be taken to reduce pollutants in stormwater runoff. (Required no later than three years from initial date of permit coverage, S6.D.1.b)	Yes
5	S6.D.2	Made the annual report and SWMP Plan available on website. (Required no later than May 31, annually, S6.D.2.a)	Yes

6	S6.D.3.a	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges. (Required after initial date of permit coverage, S6.D.3.a)	Yes
7	S6.D.3.b	Implemented policies to prohibit illicit discharges, and identified enforcement mechanisms. (New Secondary Permittees Required no later than one year from initial date of permit coverage, S6.D.3.b)	Yes
8	S6.D.3.b	Implemented an enforcement plan to ensure compliance with policies to prohibit illicit discharges. (New Secondary Permittees Required no later than 18 months from initial date of permit coverage, S6.D.3.b)	Yes
9	S6.D.3.c	Developed a map of the storm sewer system showing all known storm drain outfalls, receiving waters, and areas contributing runoff to each outfall. (New Secondary Permittees Required no later than four and one half years from initial date of permit coverage, S6.D.3.c)	Yes
10	S6.D.3.c	Maintained a map of the MS4 showing all known storm drain outfalls, receiving waters, and areas contributing runoff to each outfall. Made the map available on request to Ecology or others. (Required no later than four and one half years from initial date of permit coverage, S6.D.3.c)	Yes
11	S6.D.3.c	Conducted field inspections and visually inspected for illicit discharges at approximately one third of all known MS4 outfalls. (Required no later than two years from initial date of permit coverage, S6.D.3.d)	Yes
12	S6.D.3.d	Implemented procedures to identify and remove illicit discharges. (Required no later than two years from initial date of permit coverage, S6.D.3.d)	Yes
13	S6.D.3.d	Attach a summary of each illicit discharge discovered and actions taken to eliminate each of the discharges.	Not Applicable
14	S6.D.3.d	Implemented a spill response plan that includes coordination with a qualified spill responder. (Required no later than four and one-half years from initial date of permit coverage, S6.D.3.e)	Yes
15	S6.D.3.d	Provided staff training or coordinated with existing training to educate staff on proper BMPs for preventing illicit discharges, including spills as described in S6.D.3.f (Required no later than two years from initial date of permit coverage)	Yes

16	S6.D.4	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern construction phase stormwater pollution prevention activities, if applicable. (Required after initial date of permit coverage, S6.D.4.a)	Yes
17	S6.D.4	Ensured that all applicable construction projects under the functional control of the Secondary Permittee obtained NPDES permit coverage. (Required after initial date of permit coverage, S6.D.4.b)	Yes
18	S6.D.4.c	Coordinated with local jurisdictions on construction projects owned or operated by other entities that discharge into Secondary Permittee's MS4 as per S6.D.4.c. (Required after initial date of permit coverage)	Yes
19	S6.D.4.d	Provided training for relevant staff in erosion and sediment control BMPs and requirements, or hired trained contractors to perform the work for all construction projects owned and operated by the Secondary Permittee. (Required after initial date of permit coverage, S6.D.4.d)	Yes
20	S5.D.4.c	Provided access, as requested, for inspection of construction sites under the control of the Secondary Permittee during the land disturbing activity and/or construction period. (Required after initial date of permit coverage, S6.D.4.e)	Yes
21	S6.D.5	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern post-construction stormwater pollution prevention activities, including proper operation and maintenance of the MS4. (Required after initial date of permit coverage date, S6.D.5.a)	Yes
22	S6.D.5	Coordinated with local jurisdiction regarding projects owned or operated by other entities which discharge into the Secondary Permittee's MS4. (Required after initial date of permit coverage, S6.D.5.b)	Yes
23	S6.D.5.a	Implemented an Operation and Maintenance program. (New Secondary Permittees Required no later than three years from initial date of permit coverage, S6.D.6.a)	Yes
24	S6.D.5.b	Established and implemented maintenance standards for stormwater collection and conveyance systems as described in S6.D.6.a.i. (New Secondary Permittees Required no later than three years from initial date of permit coverage, S6.D.6.a.i)	Not Applicable

25	S6.D.6.a	Conducted spot checks of potentially damaged stormwater treatment and flow control BMPs/facilities after major storms. (New Secondary Permittees Required no later than three years from initial date of permit coverage, S6.D.6.a.i)	Yes
26	S6.D.6.a.	Developed and implemented a Stormwater Pollution Prevention Plan (SWPP) for material storage areas, heavy equipment maintenance or storage yards not covered by another NPDES permit that authorizes stormwater discharges associated with the activity. (New Secondary Permittees Required no later than three years from initial date of permit coverage, S6.D.6.a.vi)	Yes
27	S6.D.6.b	Have NPDES permit coverage for Industrial Stormwater General Permit for all applicable industrial facilities operated by the Permittee, or another NPDES permit that authorizes surface water discharges associated with the activity. (New Secondary Permittees Required after initial date of permit coverage, S6.D.6.b)	Not Applicable
28	S6.D.6.d	Implemented a program designed to train staff to carry out the Operations and Maintenance plan as described in S6.D.6.d. (Required by three years from initial date of permit coverage)	Yes
29	S7	Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)	Not Applicable
30	S7	Complied with the specific requirements identified in Appendix 2. (S7.A)	Not Applicable
31	S7	Attach status report of TMDL implementation. (S7.A)	Not Applicable
32	S7.A	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Not Applicable
33	S7.A	Notified Ecology immediately in cases where the Permittee becomes aware of a discharge into or from the Permittee's MS4 which may constitute a threat to human health, welfare, or the environment. (G3)	Not Applicable
34	G20	Took appropriate action to correct or minimize discharges into or from the MS4 which could constitute a threat to human health, welfare, or the environment. (G3.A)	Yes

35	G3	If applicable, attached a summary of the status of implementation of any actions taken pursuant to S4.F, and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable
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