

Stormwater Pollution Prevention Plan

Project Name: _____
University of Illinois at Urbana-Champaign

Forward to Environmental Compliance ecs@illinois.edu

A. GENERAL

The SWPPP is prepared in accordance with good engineering practices. It identifies potential sources of pollution that may be expected to affect the quality of stormwater discharges from construction activity at the site. This plan describes the erosion control measures that the Contractor will use to reduce the pollutants from construction site activity stormwater discharges.

B. SITE DESCRIPTION

1. Nature of Construction Activity:

2. Sequence of Work:

3. Total Area of Site:

4. Final Runoff Coefficient:

5. Site Map: Included in the appendix

6. Name of receiving water:

7. Site Wetland Acreage:

C. CONTROLS

8. Erosion and Sediment Controls:

Describe controls and the implementation timing as it relates to major construction activity. Control

description should address as appropriate the following minimum components:

Stabilization Practices:

These include temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, tree protection, stabilized construction entrance, etc. Include a record of dates when major grading occurs, when construction activities temporarily or permanently cease on a portion of the site, and the dates when major grading activities occur.

Except as provided in paragraphs (A) and (B) below, stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activities have temporarily or permanently ceased.

(A) Where the initiation of stabilization measures by the 7th day after construction activity temporary or permanently cease is precluded by snow cover, initiate stabilization measures as soon as practicable.

(B) Where construction activity will resume on a portion of the site within 14 days from where activities ceased, (e.g. the total time period that construction activity is temporarily ceased is less than 14 days), then stabilization measures do not have to be initiated on that portion of site by the 7th day after construction activity temporarily ceased.

Structural Practices:

These include silt fences, earth dikes, sediment traps, check dams, storm drain inlet protection, rock outlet protection, sedimentation basins, etc.

9. Stormwater Management (after construction)

Describe pollutant control measures that will be in place after construction is complete. This plan only addresses stormwater management measures installation; not the ultimate operation and maintenance. These include: stormwater detention structures (including wet ponds), stormwater retention structures, flow attenuation of use of open vegetated swales and natural depressions, infiltration of runoff onsite, and sequential systems (which combine several practices). Include the technical basis used to select the practices to control pollution.

10. Other Controls

Include waste disposal, etc. Discharge no solid materials, including building materials, to Waters of the State.

D. MAINTENANCE

Include a description of procedures to maintain vegetation, erosion and sediment control measures in good and effective operating conditions. This section includes a provision that the contractor must sweep the streets daily if vehicle tracking occurs.

E. SWPPP INSPECTIONS

The Contractor shall provide qualified personnel to inspect disturbed areas of the construction site that have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site. The inspector shall inspect the site on a weekly basis and within 24 hours of any rainfall that is 0.5 inches or greater or equivalent snowfall.

11. SWPPP Inspection Reports

Erosion Control Inspection Reports shall be prepared by the inspector on each date of inspection. The inspector shall complete and sign the inspection report after each inspection. Completed Inspection Reports shall be retained to become part of the SWPPP (See Appendix for a blank copy of the inspection report).

Contractor shall adjust his or her construction practices and implementation of the SWPPP based on the results of the inspections and notification of recommendations or further requirements within 7 days. To modify the SWPPP, the Contractor shall complete a "Report Form for Changes in SWPPP." A blank copy of this report is included in the Appendix.

12. Incidence of Non-Compliance

Any violation of the SWPPP observed during an inspection shall be recorded by the inspector on an "Incidence of Noncompliance (ION)" report that is to be filed with the A/E within 5 days of the observation. A blank copy of this report is included in the Appendix.

The ION report must include specific information on the cause of noncompliance, actions which were taken to prevent any further incidents of noncompliance, and a statement detailing any environmental impact

which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority and retained to become part of the SWPPP.

Send the IONs to Environmental Compliance.

F. DEWATERING INSPECTIONS

13. Dewatering Inspection Reports

Dewatering Inspection Reports shall be completed by the inspector during the discharge once per day. The inspector shall complete and sign the report (EPA template available) within 24 hours of completing the inspection. Photos must be taken and attached to the report. Completed Dewatering Inspection Reports shall be retained to become part of the SWPPP (See Appendix for a blank copy of the inspection report).

Dewatering must be routed through a sediment control (sediment trap or basin, pumped water filter bag) designed to minimize discharges with visual turbidity. Do not place dewatering controls on steep slopes 15% or greater in grade.

The water must not include visible floating solids or foam, visible sheen or visible oily deposits. If discharge of pollutant is found, the contractor must adjust the dewatering practices immediately to stop the pollutant from entering a waterway.

To the extent feasible, well-vegetated (grassy or wooded), upland areas of the site should be used to infiltrate water before discharge. To minimize dewatering-related erosion and related sediment discharges, use stable, erosion-resistant surfaces (grassy areas, clean filler stone, geotextile underlayment) to discharge from dewatering controls.

G. RETENTION OF RECORDS

Retain a SWPPP copy at the construction site from the date of project initiation to the date of final stabilization. At the termination of the project, the SWPPP becomes the property of the Owner. The Owner retains the SWPPP, inspection and dewatering reports, and all other information for a period of at least three (3) years. Turn over inspection reports to the University Project Manager at project completion.

H. STORMWATER POLLUTION PREVENTION PLAN CERTIFICATION

I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner's Signature: _____

Title: _____

Date: _____

I. CONTRACTOR'S CERTIFICATION

The NPDES permit applicable to this Project requires that the Contractor and/or subcontractors responsible for maintaining specific erosion control measures be clearly identified. The General contractor will be responsible for site management and temporary facilities. The General Contractor may wish to share responsibility for certain measures and dictate responsibility for erosion control measures among particular contractors and subcontractors, in accordance with the contract documents. All contractors and subcontractors identified in the plan must sign a copy of the certification statement below.

Certification Statement:

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) Permit ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

General Contractor Information:

Name: _____

Title: _____

Telephone Number: _____

Mailing Address: _____

Date: _____

Signed: _____

Sub-Contractor Information:

Name: _____

Title: _____

Telephone Number: _____

Mailing Address: _____

Date: _____

Signed: _____