

SDDOT CONSTRUCTION MANUAL
PROJECT MANAGEMENT SECTION
CHAPTER 14 – ENVIRONMENTAL

Storm Water Pollution Prevention for Construction / Maintenance Projects

The South Dakota Department of Transportation (SDDOT) is required to obtain coverage for a General Permit for Storm Water Discharge Associated with Construction Activities (General Permit) issued by the Department of Agriculture and Natural Resources (DANR), which applies to all projects that disturb one (1) or more acres. SDDOT requires a General Permit be obtained if work will be conducted in or around a waterway.

I. Initiating Coverage for a General Permit

- A. The **Designer** will develop a Stormwater Pollution Prevention Plan (SWPPP) that is project specific. The plan contains the SWPPP checklist.
- B. The **Stormwater Engineer/Scientist** will take the following steps:
 - 1. Go to the SDDOT Electronic Bid Letting and Regional Bid Letting website and determine what projects need to obtain a General Permit from DANR.
 - 2. Create a folder on the U: drive and download the plan and special provision into the folder.
 - 3. Fill out the Notice of Intent (NOI) for each project and submit the NOI electronically to DANR.
- C. The **Stormwater Engineer/Scientist** and **Area Engineer** will receive the Letter of Authorization (LOA) from DANR. The LOA contains the General Permit number.
- D. After the General Permit has been issued, the **Contractor** will submit the Contractor Authorization Form before construction can begin.

II. Compliance with the General Permit

- A. The **Project Engineer** will post a sign or other notice at a safe publicly accessible location near the project site, such as the project bulletin board. At a minimum, the notice must include the General Permit number and the Project Engineer's contact name and phone number for obtaining additional information. The General Permit number can be found in the LOA issued by DANR.
- B. The **Contractor** will:
 - 1. Submit a proposed schedule and method of operation for performance of temporary and permanent water pollution control measures during the preconstruction meeting.
 - 2. Identify the site-specific implementation of the SWPPP.
 - 3. Document the names of personnel who attend the preconstruction meeting and how the SWPPP will be implemented.

III. Conducting Stormwater Inspections

- A. **SDDOT field personnel and Contractors:**
 - 1. Must have training and be certified by the SDDOT in the area of erosion and sediment control.
 - 2. Must conduct a stormwater inspection of the project at least once every seven (7) calendar days. The stormwater inspection must include the areas listed in the General Permit.
 - 3. Must conduct monthly stormwater inspections when earth disturbing activities have been suspended due to frozen conditions and all disturbed areas have been temporarily or permanently stabilized. The weekly inspections must resume no later than March 1st of each year.
 - 4. Must document the stormwater inspections using the [DOT-298 Form](#).

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IV. Modifications to the SWPPP

A. SDDOT field personnel will:

1. Modify the SWPPP to include the locations of any support activities, stockpiles, fueling activity, vehicle and equipment maintenance areas, designated wash water collection areas, lubricant and chemical storage, paint storage, material storage, staging areas, debris collection areas, dumpsters, chemical storage, construction site washout, portable toilets, and equipment storage.
2. Modify the SWPPP, including the site maps, when changes are made to the construction plans, sediment and erosion control measures, or any best management practices on the project that are no longer reflected in the SWPPP.
3. Modify the SWPPP within 7 calendar days of any corrective actions discovered during the weekly stormwater inspections.

V. Terminating the Permit

A. The Area Engineer is responsible to:

1. Complete a Notice of Termination (NOT) when all earth-disturbing activities have been completed and a uniform perennial vegetative cover with a density of 70% of the existing native cover or equivalent permanent stabilization measures (i.e., riprap, gabions, geotextiles, check dams have been employed) has been established.
2. Submit the form to DANR and the SDDOT Stormwater Engineer/Scientist. The monthly stormwater inspections need to be completed until the Letter of Termination (LOT) from DANR has been received.

B. The Stormwater Engineer/Scientist and Area Engineer receive a copy of the LOT from DANR.

The following documents can be used in preparation for obtaining coverage under the General Permit:

- Project Plans
- Section 734.3 of the SDDOT Standard Specifications for Roads and Bridges
- [Project Bulletin Board Example Notice](#)

The following forms must be utilized for obtaining coverage, terminating coverage, and conducting inspections:

- [SWPPP Checklist - Section D Notes](#)
- [Notice of Intent](#)
- [Notice of Termination](#)
- [DOT-298 Form](#)

For more information, refer to the [SDDOT Environmental Procedures Manual](#).