



FALLS PARK, SIOUX FALLS, SOUTH DAKOTA

Storm Water Newsletter 2016



January 14, 2016

IN THIS ISSUE

Program Overview

The City of Sioux Falls Construction Site Program adopted in June of 2002, has been in operation for 13 years—that's 13 years of standardized construction site procedures and best management practices (BMPs)! The Construction Site Program was created as part of a requirement for the City's MS4 permit. The program is managed by the City's Public Works Environmental Division and Engineering Division to ensure compliance with the City's MS4 permit.

Construction Site Program

The Construction Site Program was created to provide standard procedures for site planning, structural and nonstructural BMPs, site inspections, and training and education for construction site operators. Having a standardized system streamlines the effectiveness of the program and helps the City reach their goal of

reducing the amount of pollutants from the construction sites that may enter the storm sewer, rivers, and drainageways of Sioux Falls.

Why do we care?

The rivers and drainageways of Sioux Falls are valuable resources for wildlife, aquatic life, recreation, and the domestic water supply for towns & rural areas (including Sioux Falls). When sediment reaches the river, it reduces the dissolved oxygen of the water and increases the Total Suspended Solids (TSS). This heats up the water and creates a toxic environment for aquatic life and allows bacteria to flourish. We want to keep our rivers clean. By following a standardized approach, construction site operators in Sioux Falls can reduce the amount of pollutants that leave their site using standard procedures and BMPs, thereby keeping the waterways clean.



FAQ's

Find a list of frequently asked questions from contractors, designers, and construction site operators.



Storm Water Seminar

Learn the where and when of the upcoming Annual Storm Water Seminar.

Top 10 Storm Water Permit Requirements

The Storm Water Permit lists requirements for the construction site operator to follow when developing a site with ground disturbances leading to a water source. Here are the Top 10:

10. To control drainage from offsite sources.
9. Required information to post:
 - Erosion control contacts.
 - Permit and cover letter.
 - SWPPP Education posters.
8. Housekeeping:
 - Litter control.
 - Spills/secondary containment.
 - Concrete washouts.
7. SWPPP must be developed prior to submittal of the NOI (SWPPP template available at City Engineering).
6. Tracking and dust control:
 - Sediment tracked offsite must be cleaned at the end of each day.
5. Sediment controls; i.e., sediment basins, sediment traps, silt fence, etc.
4. Maintenance of sediment controls and removal after site is stabilized.
3. Sediment leaving the site—retrieval and proper disposal.
2. Erosion controls, temporary, and final stabilization.
1. Record keeping
 - Site inspections.
 - SWPPP changes and redlines.
 - NOI/NOT.



What to watch for in 2016

Here are a few things to keep an eye out for in the year ahead:

- Environmental Protection Agency and South Dakota Department of Environment and Natural Resources audit of the City's Storm Water Program.
- Increased inspections by the City of private BMP maintenance.
- Improving water quality through Regional BMP planning and construction will continue in 2016. Regional BMP 7-5 is finishing up and will serve the watershed near 57th Street and Sycamore Avenue in an area experiencing rapid development. In advance of development, additional Regional BMPs are in various stages of planning throughout Sioux Falls. If warranted, existing storm water detention facilities will be studied to determine if a BMP retrofit can occur to improve water quality treatment in existing areas.



Frequently Asked Questions

Here is a list of 2015's most frequently asked questions:

1. When do I submit a Notice of Intent (NOI) to the SDDENR?

- An NOI application form is filled out and sent to the SDDENR to obtain coverage under the General Permit for Storm Water Discharges associated with construction activities.
- A list of discharges covered by the permit can be found here: <http://denr.sd.gov/des/sw/IPermits/ConstructionGeneralPermit2010.pdf> on Page 5



2. When do I submit a Notice of Termination (NOT) to the SDDENR?

- A NOT form is filled out and submitted to the SDDENR when there is no longer a need for coverage under the storm water permit.
- All permittees shall submit a NOT within thirty (30) days after final stabilization has been achieved.

3. When is a construction site stabilized?

- A site is stabilized when all planned soil disturbing activities at the site have been completed and a uniform perennial vegetative cover with a density of 70 percent of the native cover or an equivalent permanent stabilization measure has been employed on any pervious areas of the site; or
- A specific alternative to final stabilization is used/implemented as described in Chapter 12: Erosion and Sediment Control; or
- A specific alternative approved by the SDDENR general permit for storm water discharges associated with construction activities is used/implemented.

4. What happens if the site is stabilized but a NOT is never submitted?

- If a NOT is not submitted to the SDDENR for your site, then the permit remains open. Coverage under the permit will continue until a NOT is submitted. That means the site is required to stay in compliance with the permit and the applicant/permittee remains responsible for the site.

5. When are updates to the SWPPP required?

- Updates to the SWPPP are required when there is a change to design, construction, operation, or maintenance that has a significant effect on the potential for the discharge of pollutants to the waters of the state. The SWPPP shall also be amended if the SWPPP proves to be ineffective at minimizing pollutants present in the storm water.
- Contact the Engineering Division if you are unsure if the update to the plan needs to be reviewed and approved by the Engineering Division.

6. How often does the street need to be cleaned if there is tracking from the site?

- If there is tracking of sediment onto a public road, regardless of the size of the site, the road shall be cleaned at the end of each day. The road may need to be swept multiple times throughout the day if the road is heavily tracked to minimize impact to the traveling public.

7. When does inlet protection need to be removed from the inlets in preparation for winter conditions?

- Inlet protection shall be removed from storm sewer inlets within paved street sections or parking lots during the winter months between December 1 and February 15. The City may require removals earlier than December 1 or installations later than February 15 by publishing a notice on the City's website, www.siouxfalls.org. During the period when inlet protection has been removed, alternate sediment control methods for inlet protection must be employed if the ground is not stabilized or frozen by winter conditions.

8. What is good housekeeping?

- ◆ Good housekeeping practices are designed to maintain a clean and orderly work environment. Things like keeping your machinery in good operating condition, material storage practices and inventory controls, routine cleanup schedules, signage, and training for employees goes a long way to keeping your construction site well maintained, clean, and in compliance with the permit.



9. What does it mean if I am in noncompliance?

- ◆ Noncompliance occurs when an erosion or sediment control device is not in place, not properly installed, not functioning properly, and/or requires maintenance on your construction site. If the noncompliance is not addressed, then you will be found in violation of the permit and enforcement action will be taken.

10. Heavy rainfall—what do you do?

- ◆ When there is a significant precipitation event, the site must be inspected within 24 hours of the end of the storm event. Any sediment and erosion control devices that do not function properly, have failed, or that are in need of maintenance shall be fixed before the next anticipated storm event or within seven calendar days following the inspection, whichever comes first, or it will be found in noncompliance.

Annual Storm Water Seminar—*Save the Date*



What: Storm Water Seminar—Overview of Local Storm Water Requirements

When: March 2, 2016, from 9–11 a.m.

Where: Morningside Community Center

Who: Construction site operators, contractors, developers, and anyone who works with or has an interest in construction site procedures and operations



The Annual Storm Water Seminar is planned for March 2, 2016. The seminar will discuss erosion and sediment control, the construction site program, plan preparation, and permit procedures. The seminar will be held at the Morningside Community Center from 9–11 a.m. A reminder will be sent out a week before the seminar.