

4.4 STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

Environmental Protection Agency (EPA) regulations require a National Pollutant Discharge Elimination System (NPDES) permit for all construction activities that result in the disturbance of 5 acres or more of total land area.

When the General permit is used a Storm Water Pollution Prevention Plan (SWPPP) is required. The SWPPP consists of an erosion and sediment control plan along with an accompanying report that outlines the methods that will be employed to reduce pollution at the site. The SWPPP shall be prepared in accordance with design guidelines acceptable to the EPA by a Registered Professional Engineer, licensed in the State of Texas. The purpose of the SWPPP is to identify potential sources of erosion and pollution to storm water discharge, and to provide mechanisms to reduce those pollutants. Although the plan is not to be submitted with the Notice of Intent (NOI), an applicant is required to prepare such a plan prior to NOI submission.

The following is a summary of SWPPP requirements. The items indicated with an asterisk, would normally be included in an Erosion Control Plan prepared in accordance with City of Plano requirements as specified in this Manual:

SUMMARY OF SWPPP COMPONENTS

A. Site Description

1. Describe nature of construction activity
2. List proposed disturbed area*
3. Runoff coefficient*
4. Site plan, including: Drainage patterns* Approximate slopes
Limit of disturbed area* Surface waters (Type)*
Location of structural and non-struct. BMPs*
Location of stabilization practices*
5. Receiving waters (Name)

B. Description of Controls

1. Sequence of major activities*
2. Timing for each control measure, installation thru removal*
3. Description of erosion and sediment controls
4. Stormwater management
5. Other controls
6. Approved State or local plans*
7. Description of maintenance*
8. Inspector's responsibility: Changes to the plan Inspection reports

C. Description of Non-Storm Water Discharges

D. Industrial Activities On Site

E. Contractors Certification