TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Construction General Permit Storm Water Pollution Prevention Plan (SWP3) Worksheets

January 2011

Texas Pollutant Discharge Elimination Systems

(TPDES)

Construction General Permit
Storm Water Pollution Prevention Plan
(SWP3)

Company:

Role:

Project Name:

and/or Other Operators:

Plan Date:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY • PO BOX 13087 • AUSTIN, TX 78711-3087

Table of Contents

Certification Page

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 gather and evaluate 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sign as required by30 TAC •305.44(b).

Signed: _____ Date:
name
title

If plan is shared by more than one entity:

Signed: _____ Date: TPDES #: _____
name
title

Signed: _____ Date: TPDES #: _____
name
title

Signed: _____ Date: TPDES #: _____
name
title

Primary Operators

_____

_____

_____

Site Description

Section 1

Nature of Construction and List of Pollutants

Part III, Sect. F.1.(a)

Description of the general nature of construction activities:

Part III, Sect. F.1.(b)

List of ALL potential pollutants and their sources:

Potential Pollutants	*Source*

Section 2

Construction Schedule

Part III Sect. F.1.(c)

Description of the intended schedule, or a sequence of the major activities that will be disturbing soil for the major portions of the site. ***Add or subtract rows as needed.***

Name of operator	***Phase of Project Projected dates Month/year***	***Activity Disturbing Soil clearing, excavation, etc.***	***Location on-site where activity will be conducted***	***Acreage being disturbed***

Section 3

Acreage, Material Storage, and Soil Type

Part III, Sect. F.1.(d), (e)

The total acreage of the entire property and the total acreage where construction activity will occur. Include off-site material storage areas, overburden and stockpiles of dirt or aggregates, and borrow areas.

Material Storage	*Material(s)*	*Acreage*	*Location*
Off-site			
On-site			
Overburden/ Stockpiles of Dirt			
Borrow Areas			
Other areas used as part of the project			
Total acreage of project property: ____		**Total acreage of disturbed soil: ____**	

Part III Sect. F.1.(e)

Description of the soil type (e.g., loamy, clayey, sandy, rocky) or the quality of any discharge from the site.

Section 4

Location Map

Part III Sect. F.1.f

Attach Map

Section 5
Detailed Site Map(s)
Part III Sect. F.1.g(i)-(viii)

Attach Map(s)

Section 6

Site Description - Support Facilities

Part III Sect. F.1.(g)-(h)

A description of the activities and their locations of any asphalt plants, concrete batch plants or other activity supporting this construction site

Facility	*Description*	*Location*
Asphalt Plant		
Concrete Batch Plant		
Other Support Activity		

Part III Sect. F.1.(i)

List of receiving waters at or near the site that will be disturbed or that will receive discharges from the project's disturbed areas.

Name of Receiving Water	*Will Receiving Water Be Disturbed?*	*Location of Receiving water*

Section 7

Copies of
Construction General Permit (CGP) TXR150000
or description of location of CGP
NOI, certificate, and/or site notice

Best Management Practices

Section 8

Best Management Practices (BMPs)

Part III Section F.2.a.(i)-(iii)

Description of Erosion and Sediment Controls designed to retain sediment. ***Add as many rows as needed.***

BMPs Installed	*Location(s) On-Site*	*Inspection / Maintenance Schedule*	*Modifications / Replacement Activities*

Are there sedimentation basins or traps ?* **Yes** ☐ **No** ☐
If yes, list the measures taken to reduce the pollutants transported off-site by pumping activities.

Prevention Measure	Location On-Site	Implementation Date

*** Part III Section F.2.a.(iii), Sediment must be removed from sediment traps and basins no later than the time that the design capacity has been reduced by 50 percent.**

Section 9
Description of BMPs

Part III Section F.2.a and b (i)

List of good housekeeping practices implemented to limit the off-site transport of litter, construction debris, and construction materials.

Litter Controls:	
Good Housekeeping Activity	***Location(s) On-Site***
Construction Debris Controls:	
Good Housekeeping Activity	***Location(s) On-Site***
Construction Material Controls:	
Good Housekeeping Activity	***Locations On-Site***

Section 10

Best Management Practices (BMPs)

Part III Section F.2.b.(i) & (iii)

Stabilization and erosion control practices may include, but are not limited to: establishing temporary or permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, and protecting existing trees and vegetation. List practices used, where they are located, when they will be implemented, and whether they are temporary (interim) or permanent.

Stabilization Practices	*Location On-Site*	*Implementation Date*	*Interim or Permanent*

Section 11

Best Management Practices (BMPs)

Part III Section F.2.b.(ii) (A) (C)

If you do not list activities below, either attach documentation or state where records for the activities can be accessed:

Documentation attached? Yes ☐ No ☐

Where can documentation be found (if not included in SWP3)?

Contact Person Phone Number

Dates when major grading activities will occur and locations on-site:		
Activity	*Location*	*Dates when Activity is Scheduled*

Dates when construction activity will temporarily or permanently cease:			
Location on-site	*Date activity is to be stopped*	*Temporary or Permanent?*	*Stabilization Initiation Date*

Section 12

Sediment Control Practices

Part III Section F.2. (c)

Will the project disturb 10 acres or more at one time? Yes ☐ No ☐
If yes, is it feasible to install a sediment basin? Yes ☐ No ☐

Calculate the volume of runoff from a 2-year, 24-hour storm event. Volume of sediment basin:

In determining feasibility have you considered (attach any additional justification in determining feasibility):

Site Factor	*Considered?*	*Site Factor*	*Considered?*
Site Soils		Precipitation pattern	
Slope		Site geometry	
Available area		Site vegetation	
Public safety		Geotechnical factors	
Groundwater depth		Infiltration capacity	
Other? (list)		Other? (list)	

Based on above information, sedimentation basin will ☐ be used ***OR*** ☐ is not feasible.

If a sediment basin is not feasible, list of alternative structural control practices that will be used:

Article I. ***Article II. Structural Control***	***Used? Yes / No***	***Location On-Site***
A series of smaller sediment basins	☐ ☐	
Silt fences	☐ ☐	
Vegetative buffer strips	☐ ☐	
Sediment traps	☐ ☐	
Other (list):	☐ ☐	
Other (list):	☐ ☐	
Other (list):	☐ ☐	
Other (list):	☐ ☐	

Section 13

Permanent Storm Water Controls

Part III Section F.3.

The following measures will be constructed to control post-construction runoff:

Control Measure	*Location on Project Site*	*Control runoff from what areas*

Section 14

Other Storm Water Controls

Part III Section F.4 (a)

Controls to minimize dust generation and off-site tracking of sediment:

Control Practice used	*Location(s) On-Site*

Part III Section F.4.(b)

The following construction and waste materials will be stored on-site:

Materials Stored On-Site	*Average Amount Stored*	*Location On-Site*	*Controls Used to Prevent Pollutants*

Other Storm Water Controls

Part III Section F.4.(c)-(d)

Describe pollutant sources from areas other than construction (make additional copies of this worksheet as needed):

Type of pollutant source	*Pollutant(s)*	*Control(s) or measure(s) used to minimize pollutants*

Describe the velocity dissipation devices that will be placed at discharge locations and/or along the length of any outfall channels:

Dissipation Device (hay bales, silt fence, pond, etc.)	*Outfall Discharging to (MS4, bar ditch, creek/stream)*	*At Outfall or Channel (distance interval for channel)*

Section 15

Inspection of Controls Forms / Report

Part III Section F.7.(d)-(e)

Complete this form every seven days; **OR**, every 14 days and within 24 hours of a . inch rainfall event, and retain in your SWP3.

Inspector (name/title): **Inspection Date:** **Day:** **Time** **am/pm**

Scope of inspection: **14 Day Inspection** ☐ **or** **Weekly Inspection** ☐

Day of week normally conducted: _____ **0.5 inch Rainfall Event** ☐

Inspection Type:	*Inspected? (Y/N)*	*Areas of Concern (Describe in detail in the narrative section)*
Disturbed Soil Areas	☐ ☐	
Material Storage Areas	☐ ☐	
Structural Controls	☐ ☐	
Sediment & Erosion Controls	☐ ☐	
Entrance(s) and Exit(s)	☐ ☐	

Discharges:

Nature of discharge (silt, gravel, sand, other pollutant)	*Location on-site of discharge*

Inspection of Controls Forms (cont'd)

Part III Section F.7.(c)-(d)

Best Management Practices Inspected: ***Add additional rows if needed.***

BMP and Location	*OK (no action required)*	*BMP failed (describe failure)*	*Required Maintenance (describe corrective actions needed)*
	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

Additional BMPs Needed		
Location	*Best Management Practice*	*Replacing Existing BMP?*

Inspection Narrative Description/Certification

Part III Section F.7.b.

Complete this form every seven days; **OR**, every 14 days and within 24 hours of a . inch rainfall event and retain in your SWP3.

Describe the inspector's qualifications to conduct the inspections:

Describe how your inspection was conducted:

Describe all incidents of non-compliance (i.e. major discharges, BMP failures):

"I certify that the facility or site is in compliance with the storm water pollution prevention plan and this permit.

I further certify that I am authorized to sign this report under TCEQ rules at 30 TAC • 305.128 (relating to Signatories to Reports)

Name/Title: _____ Date: _____

Section 16

Eligible Non-Storm Water Discharges (listed in Part II.3.[a]-[g])

Part III, Sect. F.8

Eligible Non-storm Water Discharge	***Used? Yes No)***	***Pollution Prevention Measure(s)***	***Implementation Date***
Fire Fighting Activities	☐ ☐		
Fire Hydrant Flushings	☐ ☐		
Washing of Vehicles, Buildings, or Pavement without detergents or soap (see description in Part II.3.[c])	☐ ☐		
Dust Control	☐ ☐		
Potable Water Sources (water line flushings)	☐ ☐		
Air Conditioning Condensate	☐ ☐		
Uncontaminated Ground/Spring Water	☐ ☐		
Other? (List)	☐ ☐		

List any other non-storm water discharge permitted by a separate NPDES, TPDES, or TCEQ Permit.

Non-storm Water Discharge	*Pollution Prevention Measure*	*Implementation Date*

Section 17

Storm Water Runoff from Concrete Batch Plants

Part IV

See Instructions for information regarding Concrete Batch Plants associated with Construction Projects.

Section 18

Part V. Concrete Truck Wash Out Requirements

Location of concrete wash out area on site and description of BMPs established to prevent the concrete wash out water from contributing to groundwater contamination or entering the waters of the state.