

Review of the Post Construction Stormwater Management Portion

of

Stormwater Pollution Prevention Plans (SWPPPs)

January 7, 2013

Approved:



Jimmie Joe Carl, P.E.
Director, Chemung County Stormwater Coalition

10/16/2013
Date



Peer Reviewer, Jessica Verrigni, CPESC, CPSWQ

10/16/2013
Date



Chairman, Andrew Avery, P.E.
Chemung County Stormwater Coalition Board of Directors

10/16/2013
Date

TABLE OF CONTENTS

A.	Purpose.....	1
B.	Applicability.....	1
C.	Implementation of SWPPP Review.....	1
D.	SWPPP (including Post Construction Stormwater Management Plan) Review Procedures.....	2
	o Role of Chemung County Stormwater Coalition	
	o Technical Standards	
	o General Review Process	
	o Tracking of Plans	
	o SWPPP Review Staff & Associated Qualifications	

Attachments

SWPPP Receipt Form

Stormwater Pollution Prevention Plan Checklist

Acceptance Stamp

A. Purpose

One important objective of construction site runoff management is the post construction stormwater management, such to protect the surrounding environment and downstream areas.

Construction activities that disturb an area of 1-acre or greater may pose a significant threat to local waterways based upon potential impacts associated with developed stormwater leaving these sites. Therefore, implementing appropriate best management practices (BMPs) and planning measures are essential to reducing the associated impacts to receiving waterbodies including streams, rivers, and lakes.

B. Applicability

In accordance with the New York State Department of Environmental Conservation's SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s) – Permit No. GP-0-10-002, covered entities must *"describe procedures for SWPPP review with consideration of potential water quality impacts and review of individual SWPPPs to ensure consistency with State and local post construction stormwater requirements"*. A key aspect of this construction site runoff control program is the review of the Post Construction Stormwater Management Plan component of the Stormwater Pollution Prevention Plans (SWPPPs) and associated site engineering plans to ensure that appropriate BMPs to protect water quality are provided.

The respective Stormwater Management and Erosion & Sediment Control Ordinances for the local municipalities within the Chemung County MS4 area require construction site operators to develop a Stormwater Pollution Prevention Plan (SWPPP) for their stormwater discharges. As a component of the SWPPP, a Post Construction Stormwater Management Plan is also required to be provided.

C. Implementation of SWPPP Review

The SWPPPs, including the Post Construction Stormwater Management Plans, shall be reviewed by the Chemung County Stormwater Coalition to ensure that the plan addresses local requirements and will protect water quality. An effective program to review stormwater site plans will provide the municipality with the ability to ensure that water quality objectives, erosion and sediment control requirements, and BMP maintenance are adequately considered. Items involved with the review of SWPPPs would include:

- Definition of the Roles of the Chemung County Stormwater Coalition and the Stormwater Management Officers for the municipalities
- Establishment of the steps of the review process
- Development of a system to track SWPPPs (including Post Construction Stormwater Management Plans)
- Developing tools and procedures for consistent plan review
- Identifying responsible plan review staff and associated qualifications

D. SWPPP (including Post Construction Stormwater Management Plan) Review Procedures

Procedures and other background information regarding the review of SWPPPs (including the Post Construction Stormwater Management Plans) are outlined as follows. All SWPPPs for sites with disturbances of one acre or greater shall be reviewed.

Role of the Chemung County Stormwater Coalition

The Chemung County Stormwater Coalition shall serve, on the behalf of the respective municipality, as the technical reviewer of submitted SWPPPs (including the Post Construction Stormwater Management Plans) and site engineering plans. The reviewer for the Chemung County Stormwater Coalition shall communicate regularly with the Stormwater Management Officer.

Technical Standards

In regards to the development of the Post Construction Stormwater Management Plan portion of SWPPPs, the NYSDEC's New York State Stormwater management Design Manual (most current version or its successor) shall be utilized as the guide and specifications.

General Review Process

1. The Stormwater Management Officer for the municipality receives the SWPPP (including the Post Construction Stormwater Management Plan) and the site engineering plans.
2. The Stormwater Management Officer for the municipality completes the SWPPP Receipt form and provides this, along with the submitted SWPPP (including the Post Construction Stormwater Management Plan) and site engineering plans, to the Chemung County Stormwater Coalition. Refer to the attached SWPPP Receipt form.
3. The reviewer for the Chemung County Stormwater Coalition shall complete a general review of the submitted SWPPP (including the Post Construction Stormwater Management Plan) and engineering plans against the Stormwater Pollution Plan Review Checklist, as well as the items in the "Contents of Stormwater Pollution Plans" section of the respective municipality's Stormwater Management and Erosion & Sediment Control Ordinance. Refer to the attached checklist.
4. The reviewer for the Chemung County Stormwater Coalition shall complete a detailed review of the Post Construction Stormwater Management Plan.

5. The reviewer for the Chemung County Stormwater Coalition shall prepare a review letter to the Stormwater Management officer on the outcome of the review of the SWPPP (including the Post Construction Stormwater Management Plan).
 - a. If approved, the reviewer shall prepare and provide an Acceptance Letter to the Stormwater Management Officer, whom would distribute this letter to the applicant. This Acceptance Letter would serve as a notification to the Stormwater Management Officer that the "MS4 SWPPP Acceptance Form" can be signed.
 - b. If not approved, the reviewer shall provide a comment letter and to the Stormwater Management Officer, whom would distribute this letter to the applicant.
6. If not approved, the applicant is to make applicable corrections and additions to the SWPPP and, in turn, resubmit to the Stormwater Management Officer and Chemung County Stormwater Coalition.
7. The reviewer shall proceed with the second review of the SWPPP. The reviewer shall repeat review process with subsequent submittals, until SWPPP is approved.
8. Applicant is to submit a signed copy of the Notice of Intent (NOI) to the Stormwater Management Officer for the municipality.

Tracking of Plans

When SWPPPs (including Post Construction Stormwater Management Plans) are received at the Chemung County Stormwater Coalition office, the following steps to log and track these shall be employed.

1. The completed SWPPP Receipt form shall be provided by the Stormwater Management Officer and shall accompany the SWPPP (including the Post Construction Stormwater Management Plan).
2. The SWPPP (including the Post Construction Stormwater Management Plan) and accompanying plans shall be stamped with the date received and entered into a tracking data base by the Chemung County Stormwater Coalition. The tracking database is a simple Excel spreadsheet, maintained by the Chemung County Stormwater Coalition.
3. The SWPPP (including the Post Construction Stormwater Management Plan) and accompanying plans shall be placed in a designated "review pending" area of the office.
4. SWPPPs and plans, approved by the Chemung County Stormwater Coalition, shall receive the Acceptance Stamp of the Chemung County Stormwater Coalition. Refer to attachments.

SWPPP Review Staff & Associated Qualifications

The SWPPP review staff for the Chemung County Stormwater Coalition shall consist of the following positions.

Stormwater Engineer:

The Stormwater Engineer shall be a licensed professional engineer in the State of New York with experience in stormwater management system design and erosion and sediment control.

Stormwater Management Specialist:

The Stormwater Management Specialist shall be a Certified Professional in Erosion and Sediment Control (CPESC) with experience in stormwater management systems and erosion and sediment control BMPs.