Municipal Involvement with Erosion & Sediment Control Plans MUNICIPAL ROUNDTABLE **WEBINAR** FEBRUARY 19, 2021



Pre-Construction Meetings

Municipalities should attend Pre-construction meetings

Start date and projected end date
Familiarize everyone with the site's E&S controls

Discuss NPDES permit requirements

Check the drawing dates match the approved NPDES plan set



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February 2, 2021

Permittee

Re: PAG-02 NPDES General Permit Coverage Approval Project Name NPDES Permit No. Municipality, Westmoreland County

Dear Mr./Mrs. :

Under the authority of the federal Clean Water Act and Pennsylvania's Clean Streams Law, the Westmoreland Conservation District has approved your request for new coverage under the PAG-02 NPDES General Permit for Discharges of Stormwater Associated with Construction Activities ("PAG-02 General Permit"). The latest versions of the Notice of Intent (NOI) and all supporting documents, including the Erosion and Sediment Control (E&S) Plan and Post-Construction Stormwater Management (PCSM) Plan, are incorporated into this approval, including the following plan drawings:

- The E&S Plan drawings, for (Project name), dated December 28, 2020 and last revised January 1, 2021.
- The PCSM Plan drawings, for (Project name), dated December 28, 2020.

Your coverage under the PAG-02 General Permit, which has been assigned NPDES Permit No, is effective on **Date approved** and will expire on **December 7, 2024**. If stormwater discharges associated with construction activities are expected to continue beyond the expiration date of PAG-02 General Permit coverage, you must apply to renew your coverage at least 180 days prior to the expiration date, unless otherwise approved by the Department of Environmental Protection (DEP) or the District.

Sample copy of a NPDES approval letter. Approved drawing dates are listed.



E&S Plan Municipalities should attend Pre-construction meetings

Municipalities can add information and make sure all proper municipal permits were obtained for scope of work

Municipal stormwater engineers are able to discuss Post-Construction Stormwater Management Plans along with the Conservation District



PCSM Plan Municipalities should attend Pre-construction meetings

- Municipalities can let WCD know if they notice a problem at the site
 - Did earthwork start without a preconstruction meeting with WCD?
 - Is there mud on the roadway?
 - Do you see muddy water leaving the site?
 - Are they importing or exporting fill material?







A sediment filter bag failure led to sediment laden water leaving the site.



Fill Sites

Should Fill Sites have an E&S plan, NPDES permit, or any other permits?

- Fill sites require an E&S plan if 5,000 square feet or larger
- NPDES permits apply when the fill site is 1 acre or greater
- Fill must be at least 50 feet away from the top of a stream bank (assumed floodway).
 - If there is a designated FEMA floodway, then it must remain out of that floodway.



Things to think about when you see a fill site

- Did you attend a pre-construction meeting for the site?
- Did the contractor indicate fill material would be imported or exported?
- Where did the fill material come from or go?
- Contact WCD to see if the site has an E&S plan or NPDES permit

The waste material should be clean fill

Clean fill: Uncontaminated, non-watersoluble, non-decomposable inert solid material.

Includes: soil, rock, stone, dredged material, used asphalt, brick, block or concrete from construction and demolition activities that is separate from other waste and recognizable as such.

Metals should not be mixed in with the concrete and block

Wood material should not be mixed in

Perimeter protection installed and slope has temporary stabilization



Fill sites must be stabilized

Fill slopes should have a keyway
They should be stabilized in 15' vertical increments

They should be seeded with a perennial seed mix

Slopes 3:1 or steeper should be lined with erosion control blanket or hydroseeded using a tackifer Keyway installation



Hydroseeded slopes. For E&S control diversion channels leading to a compost filter sock trap was installed.

Vestmoreland Conservation District

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