



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

June 27, 2013

Mr. Mike Wanamaker
Washington Township
8200 McEwen Road
Dayton, OH 45458

**RE: Paragon Road; NPDES Permit # 1GC04439*AG; Compliance Inspection
Findings and Notice of Violation**

Dear Mr. Wanamaker:

On Wednesday, June 26, 2013, I inspected the Paragon Road project in Dayton, Ohio to determine compliance with the site's NPDES construction site storm water discharge permit. I spoke with Terry King, the construction supervisor, before the inspection.

Based on my observations at the Paragon Road site, there are violations of the site's storm water discharge permit;

Part III.G.2.d.iii: Sediment Control Practices: Silt Fence and Diversions

The silt fence located along the creek, north of Paragon Mills Lane, is incapable of minimizing the loss of sediment in the event of a rainstorm. The photograph included, with this letter, documents the violation. The short section of silt fence, on the top of the stream bank, is non-functional due to the gully that has formed underneath the silt fence. Sediment laden water is flowing underneath the silt fence into an unnamed tributary of Holes Creek.

Silt fence is generally not recommended for use in areas where concentrated flows of runoff will occur. A better option might be to use temporary rolled erosion control products such as erosion control matting. Refer to Ohio's Rainwater Land Development Manual, Chapter 7 section 12 for more details. Erosion mats or blankets are highly recommended on stream banks.

Part III.G.2.h: Maintenance

All temporary and permanent control practices shall be maintained and repaired as needed to ensure continued performance of their intended function. All sediment control practices must be maintained in a functional condition until all up slope areas are permanently stabilized. The SWP3 shall be designed to minimize maintenance requirements.

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The amount of barren soil exposed currently at the Paragon Road site should be stabilized to reduce erosion during a rainfall event. Any disturbed areas within 50 feet of a surface water of the state and not at final grade must be temporarily stabilized within two days of the most recent disturbance if the area will remain idle for more than 14 days.

Please explain in your written response to this letter what measures will be taken to minimize the loss of eroded sediments into the two streams on the project. Please provide within 14 days of receipt of this letter the following information:

1. A copy of the site's storm water pollution prevention plan (SWP3).
2. Copies of sediment control inspections kept for the project since April 1, 2013.
3. What necessary erosion controls will be applied on the stream banks to minimize the loss of sediment from the site into the stream?
4. A description of maintenance procedures needed to ensure the continued performance of control practices.

If you have any questions regarding the NPDES permit you can contact me at (937) 204-1002 or via email at james.schwieterman@epa.ohio.gov.

Sincerely,



James Schwieterman
Storm Water Group
Division of Surface Water

JS/kb

ec: Terry King

Ohio EPA DSW Storm Water Section, Construction Site Visit Information Form

Inspector initials: JS Visit date: 6/26/2011 Permit # 16C04439AG

Site Name: Paragon Road

Site Address: 875 Paragon Road - 9931 Paragon Centerville, OH Mont. Co

People Contacted On Site: Terry King - Construction Supervisor (Barrett Paving Materials Inc)

Phone: (513) 280-2559 E-mail: terry.king@barrett-paving.com

1. Did you see the following on site?

ITEM	YES	NO	Not Requested	Comments
NOI			✓	
Coverage Letter			✓	
SWP3			✓	
Inspection Records			✓	
Contractor & Subs signature document			✓	

2. Acreage Disturbed: 15

3. Site Status: Clearing/grubbing Rough Grading Storm sewers in
 Streets in Utilities installed Final Grade Final stabilization

4. Are BMPs needed: Yes, BMPs needed near disturbed areas by the two creek

5. Are BMPs effective? All Some None No BMPs

Explain: Silt Fence Needs Maintenance near cement culverts, Blow outs in Silt Fence

6. What post construction controls are shown on the SWP3? Gas (Fuel Tank) Not in a Secondary Fuel container Storm Sewer System along Paragon Road

7. Were Photos taken & saved? Yes 8. Was an NOV issued? Yes

Additional notes/comments:

- Replacement of existing storm sewer system
- Install stone rip rap near outlet pipes that release storm water into the
- Areas disturbed with 50 ft or a stream must be stabilized creek within 2 days of the most recent disturbance if the area will remain idle for more than 14 days.



