



State of Ohio Environmental Protection Agency

Northwest District Office

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Fulton County
Wauseon Exempted Village School District
Construction
Storm Water

July 14, 2009

Wauseon Exempted Village School District
Mr. Marc Robinson
126 South Fulton Street
Wauseon, Ohio 43567

And

Charles Construction Services Inc.
811 East Bigelow Avenue
P.O. Box 1546
Findlay, Ohio 45840

Dear Mr. Robinson:

On June 25, 2009, I inspected the Wauseon Exempted Village School District south of Linfoot Street, in Wauseon. The purpose of my visit was to evaluate compliance of the site with the National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges associated with construction activity (Construction General Permit), Facility ID No. 2GC01907. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. Mr. Jeremy Herman, of Miller Bros. Construction, was present to provide information on the project.

As a result of the inspection, I have the following comments:

1. At the time of inspection, the site was active. The new school had been erected. The road, sidewalks, curbs, storm sewer, and water lines had all been installed. Mr. Herman informed me that the project manager for the project was injured the day before the inspection and not on site.
2. The Storm Water Pollution Prevention Plan (SWP3) was not onsite. *This is a violation of Part III.C.2. of the permit.*
3. Inspection logs were not present and available. Inspections must be conducted weekly and within 24 hours of a 0.5" rainfall. Inspections must include: disturbed areas, material storage areas, all sediment and erosion control measures, discharge locations, and all vehicle access points. Records must include: inspector name and qualifications, inspection date, observations, a certification that the facility is in compliance with the SWP3 and the permit, and identify any incidents of non-compliance.



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The record and certification must be signed in accordance with Part V.G. of the permit.
This is a violation of Part III. G.2.i. of the permit.

4. A proper construction entrance was needed on the entrance by the construction trailer, where vehicles had accessed the site. Tracking was evident onto the new roadway. This entrance needs to be redressed with new stone. *This is a violation of Part III.G.2.g.ii.*

5. Large rills and gullies were evident on the berm on the east side of the building. Weed growth was also evident along both sides of this berm. It appeared that the timeframes for stabilization may have been exceeded. *Permit Requires:* Portions of the construction site which will be inactive for more than 21 days must have temporary stabilization initiated within the first seven. Temporary stabilization is required prior to the onset of winter weather for ground that will be idle over winter. Permanent stabilization is required within 7 days on any portion of the site that has reached final grade or will be idle for longer than 1 year. Soil stabilization practices shall be initiated within two (2) days on inactive, barren areas within 50 feet of a surface water. Permanent seeding and mulching is required before construction activity is completed throughout the entire site. If seasonal or working conditions prohibit the establishment of vegetative cover, other means of stabilization, such as mulching and matting, must still be used and maintained until more permanent methods can be implemented. *This is a violation of Part III.G.2.b.i. of the permit.*

6. There appeared to be a retention pond on the west side of the elementary building. This structure is required to meet the design requirements for a sediment settling pond until construction activities have ended and a perennial vegetative cover of 70% density has been achieved over the tributary area. Without reviewing the SWP3, I am unable to determine if the pond meets the requirements of the permit. *Permit Requires:* Settling ponds must be sized at 67 cubic yards per acre of total contributing drainage area, have a 2:1 length to width ratio between inlets and the outlet, and have a maximum depth of 5 feet *Please see Part III.G.2.d.ii. of the permit.* It will be necessary to modify the pond, if it does not already meet all of these requirements.

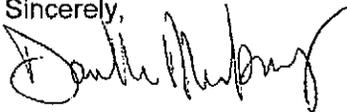
7. The silt fence was not entrenched along all sides of the property. The silt fence must be entrenched 4-6 inches. This is an installation error. Also there were gaps at the joints of the silt fence. They need to be wrapped around one another at the joints to prevent gapping. *This is a violation of Part III.G.2.h. of the permit.*

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8. I observed torn and sagging filter fabric in disrepair in several locations on all sides of the property. *Permit Requires:* All control practices shall be maintained and repaired as needed to assure continued performance of their intended function. *This is a violation of Part III.G.2.h. of the permit.* For more information on the correct installation and maintenance techniques for these practices, please see the *Rainwater and Land Development Manual*.

Within 10 days of the date on this letter, please submit to this office **written notification** as to the actions taken or proposed to prevent any future violations. Your response should include the dates, either actual or proposed, for the completion of the actions as well as a current copy of the site's Storm Water Pollution Prevention Plan (SWP3), including completed inspection logs. Your SWP3 must fulfill all of the requirements of Part III.G. of your permit. For sediment settling basins used during construction, please include: calculations of the required sediment settling volume; the elevation at which this volume is achieved; what the pond's surface area is at this elevation; and calculations demonstrating how the outlet orifice sizing and placement insure the required volume is released over 48 to 72 hours. For each post construction control, please show: the calculations of the Water Quality Volume (WQv), a detail drawing of the structure with relevant elevations, stage-storage tables, and release rate calculations. Offsite drainage must be included when sizing the structure. Runoff coefficients must be based on those contained in Table 1 the permit. If a weighted runoff coefficient is being used, include supporting calculations. The SWP3 must address how the Post-Construction requirement will be met for all disturbed areas. If there are any questions, please contact me at (419) 373-3006.

Sincerely,



Danielle Meienburg
Division of Surface Water
Storm Water Program

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pc

NWBO File

Dennis Richardson, City of Wauseon
Jeremy Herman, Miller Bros. Construction