



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

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www.epa.state.oh.us

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

Re: Allen County  
Elida High School  
Construction  
Storm Water

July 8, 2009

Elida Local Schools  
Mr. Don Diglia  
4380 Sunnysdale Avenue  
Elida, Ohio 45807

Dear Mr. Diglia:

On June 4, 2009, I inspected Elida High School at 401 East North Street, Elida (pictures taken). 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. 2GC02363. On June 22, 2009, Lynette Hablitzel visited the site as part of an audit of Elida's Storm Water Management Program. The inspections were conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. Ohio EPA has no record of other permittees for this site.

As a result of the inspections, we have the following comments:

1. At the time of the June 4, 2009 inspection, the site was inactive. There was no equipment present. There was a woody debris pile at the north side of the property. Due to the absence of personnel, the Storm Water Pollution Prevention Plans (SWP3) and inspection logs were not available for review.
2. I observed sagging filter fabric in several locations on all sides of the property. There were also several areas where the filter fabric was off of the stakes and blowing in the wind. *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 your permit.* For more information on the correct installation and maintenance techniques for these practices, please see the *Rainwater and Land Development Manual*.
3. At the time of the June 22, 2009, visit, graders and at least one bulldozer were working the site. A road was being cut off North Street. A stone entrance was in place off Sunnysdale. There was some tracking onto Pioneer from what appeared to be a staging area in the southeast portion of the site. A truck, a trailer, and a Port-o-Jon were sitting in this location. *Failure to provide a stable construction entrance is a violation of Part III.G.2.g.ii. of the permit.*

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4. Silt fence was in place along much of the site's perimeter. More than 0.5 acre is tributary to silt fence in several locations. During the June 4<sup>th</sup> visit, silt fence was sagging on the west side of the property and it had debris across it. It appeared to have been overtopped by flow, another indication that the drainage area is too large for silt fence. *Permit Requires:* The maximum drainage area behind silt fence is:

Drainage Area for 100 Lineal Ft. of Silt Fence	Range of Slope
0.5 acres	<2%
0.25 acres	>2% but <20%
0.125 acres	>20% but <50%

Where the above criteria is exceeded, a diversion which directs runoff to a sediment settling pond is required. *This is a violation of Part III.G.2.d. iii. of the permit.*

5. Plans approved by Allen County Engineer's Office showed four sediment settling basins. Although widespread grading had commenced, as of June 22<sup>nd</sup>, a sediment settling basin was not installed in the northeast (Pioneer Rd.), the southwest basin had not been started, and it appeared that grading was occurring in the location of the northwest basin. *Permit Requires:* Concentrated runoff and runoff from drainage areas which exceed the design capacity of silt fence or inlet protection shall pass through a sediment settling pond. Perimeter sediment barriers and sediment settling ponds shall be installed within 7 days of grubbing and prior to grading. To qualify as a sediment settling pond, structures must meet the following specifications: A dewatering zone sized at 67 cubic yards per total contributing drainage acre; dewatering depth less than or equal to 5 ft. (optimal depths are between 3 to 5 feet); for ponds serving 5 acres or more, the dewatering zone shall have a minimum 48 hr. drain time; a sediment storage zone sized at 1000 cubic feet per disturbed acre; and the distance between inlets and the outlet at least 2:1 length:width ratio. *This is a violation of Parts III.G.2.d. and d.ii. of the permit.*

Sediment settling ponds must be constructed as soon as possible to lessen the impact of sediment laden runoff. Diversion berms or trenches may be required to convey runoff to the basin(s).

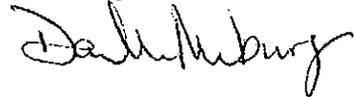
Please keep in mind as construction continues, that any portion of the site that will remain idle for 21 days or more, must have temporary stabilization applied within the first 7 days. Permanent stabilization must be applied to any portion of the site within 7 days of reaching final grade. Please see Part III.G.2.b.i of the permit.

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.

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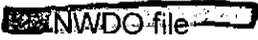
If there are any questions, please contact me at (419) 373-3006.

Sincerely,



Danielle Meienburg  
Division of Surface Water  
Storm Water Program

/lb

pc  NWDO file

Follow up file

Douglass Degen, Drainage Engineer, Allen County Engineer's Office

Albert Suniga, Allen County SWCD