



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

Re: **Notice of Violation**  
Lucas County  
New Central Elementary School  
Construction Storm Water  
Facility ID No. 2GC02929

June 17, 2013

Dr. Brad Rieger  
Sylvania Schools  
Administration Office  
4747 North Holland-Sylvania Road  
Sylvania, Ohio 43560

Mr. Craig Smith  
Harp Contractors Inc.  
201 East Andrus Road  
Northwood, Ohio 43619

Mr. Mike Porvazaik  
Provo Construction Company LLC  
3359 Silica Road Unit A  
Sylvania, Ohio 43560

Dear Dr. Rieger, and Messrs. Smith and Porvazaik:

On May 30, 2013, Zachary Titkemeier and Tom Wilkins inspected New Central Elementary School on 4321 Mitchaw Road, Sylvania (photos taken). The purpose of their 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. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. Ms. Toni Gerber, Central Trail Elementary Principal, 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, construction at the site was complete including a new school building, a paved parking area, a paved play area, a yard at final grade, and two extended detention ponds, one at the northeast corner and the other at the southeast corner.
2. A Storm Water Pollution Prevention Plan (SWP3) had been developed for the site but was not reviewed.
3. Permanent stabilization had not been established on the entire site. Most of the site appeared to have been seeded and grass has germinated. However, there are numerous bare areas where seeding was not successful. Long term erosion was evident by the large rills and gullies present on the banks of the detention ponds, on the banks of the swales, and throughout the yard. *Permit Requires:* Operators shall undertake special measures to stabilize channels, outfalls, and prevent erosive flows. *This is a violation of Part 2.b.ii. of the permit. Permit Requires:* All control practices shall be maintained and repaired as

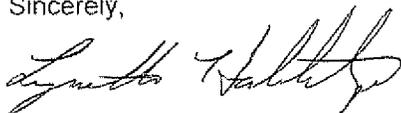
needed to assure continued performance of their intended function. *Please see Part III.G.2.h. of the permit.* Bare areas must be stabilized. The centerline of drainageways and pond banks likely require the use of erosion control matting.

4. The water in the southeast detention pond was a dark brown color and had large amounts of algae growing in it. This may possibly be due to a high load of nutrients and/or organic material (e.g. fertilizer, straw mulch) associated efforts to stabilize the site. The cause of this discoloration and algae growth should be investigated and corrected. Until the color of the water returns to a clear color, water should not be allowed to discharge from the pond.
5. The culverts connecting the drainage swale on the western portion of the property with the detention ponds on the eastern edge of the property were clogged with straw making the flow of water from the swale to the detention ponds difficult. *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.*
6. No inlet protection was present on catch basins in the front yard. *Permits Requires:* Practices shall minimize sediment laden water entering active storm drain systems unless they drain to a sediment settling pond. *Please see Part III.G.2.d.iv. of the permit.* Unless these basins drain to the extended detention ponds and the ponds' current outlet design meets the requirements for a sediment settling pond, I recommend that proper inlet protection be installed. Please be aware that the design criteria often differs between sediment settling ponds, which are required during construction, and post construction storm water management ponds, which may be used to fulfill the Post Construction Storm Water Management requirements and are installed after the site has reached final stabilization.

Within 10 days of the date on this letter, please submit to this office written notification as to the reasons for the above mentioned comments as well as 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. Please describe how the post construction storm water management requirements will be met for this project. Your reply should include the type(s) of practices you are implementing and the basis for their design.

If there are any questions, please contact me at (419) 373-3009.

Sincerely,



Lynette M. Hablitzel, P.E.  
Division of Surface Water  
Storm Water Program

/jlm

ec: Kevin Aller, Director of Public Service, City of Sylvania  
Tracking