



Environmental
Protection Agency

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

June 27, 2011

RE: ASHTABULA COUNTY
HARPERSFIELD TOWNSHIP
CORK ELEMENTARY
NPDES PERMIT NO. OHC000003
OHIO EPA PERMIT NO. 3GC04767*AG
CONSTRUCTION STORM WATER

Mr. Ed Leitch
Geneva City Schools
135 South Eagle Street
Geneva, OH 44041

Dear Mr. Leitch:

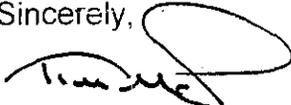
On June 13, 2011, Ohio EPA conducted an inspection of the Cork Elementary School project located at 341 S.R. 534, Harpersfield Township, Ashtabula County. Ohio EPA records indicate that the site is covered by the General National Pollutant Discharge Elimination System (NPDES) Permit for Storm Water Associated with Construction Activity (General Storm Water Permit), permit No. 3GC04767*AG. On site, I spoke with Bob Adams, Project Superintendent. The inspection documented the following:

- The sediment pond has not been constructed per requirements (see enclosed specifications from ***Rainwater and Land Development, Ohio's Standards for Stormwater Management, Land Development and Urban Stream Protection*** and refer to the detail drawing contained in the SWPPP). This has resulted in a significant discharge of sediment to the wetlands located downstream of the pond. The sediment pond must provide a sediment storage volume of at least 1,000 cubic feet per acre of disturbed area, a dewatering volume of at least 1800 cubic feet per acre of total contributing drainage area, and an outlet structure that drains down the dewatering volume in no less than 48 hours. Please complete construction of the sediment pond and install the appropriate sediment control structure, i.e. riser pipe or skimmer, before allowing any more water to discharge into the wetland (See Figures 5 & 6).
- The silt fence around the perimeter of the site is sagging in several areas. Please be sure to repair any damaged sections or replace them per the specifications listed in the storm water pollution prevention plan (SWPPP) (See Figure 1).
- The construction entrance is inadequate, resulting in a lot of off-site tracking of sediment. Please be sure to install a rock construction entrance per the specifications described in the SWPPP (See Figure 2).

Mr. Ed Leitch
Cork Elementary School
June 27, 2011
Page 2

- The concrete washout pits are full, resulting in some washout overflowing onto exposed soil. Please be aware that washwater must be contained on site or be properly disposed as wastewater. If you cannot provide containment on site, then contact the operator of the local wastewater treatment plant for wastewater disposal options (See Figure 3).
- There are areas throughout the site that need to be stabilized with seeding and straw mulch, specifically by the pond. Any disturbed earth throughout the site that will remain idle for twenty one (21) days or greater needs to be stabilized (See Figure 4).
- The storm drain inlet protections were not properly installed, and even missing on some of the inlets. The wrong type of geotextile material was used as well. Please be sure to follow the specifications in the SWPPP very closely, and install new inlet protections promptly (See Figures 7 & 8).

A written report detailing how the above deficiencies will be addressed must be submitted to Ohio EPA within seven days of receiving this letter. The above deficiencies must be addressed within 14 days of receiving this letter. Also, please fax a copy of your most recent storm water inspection report to my attention at (330) 487-0769 or via e-mail at timothy.mcparland@epa.state.oh.us. Should you have any questions regarding this matter, please contact me at your earliest convenience at (330) 963-1128.

Sincerely,


Tim McParland
Assistant to the District Engineer
Division of Surface Water

TM/mt

cc: Harpersfield Township Board of Trustees
Richard Dopatka

ec: Bob Adams
Chris Moody, Ohio EPA, NEDO, DSW



Figure 1. Silt fence is in rough shape throughout the site and not functioning properly.



Figure 2. The construction drive is inadequate and resulting in off-site tracking from vehicles.



Figure 3. Concrete washout pits are filled to capacity.

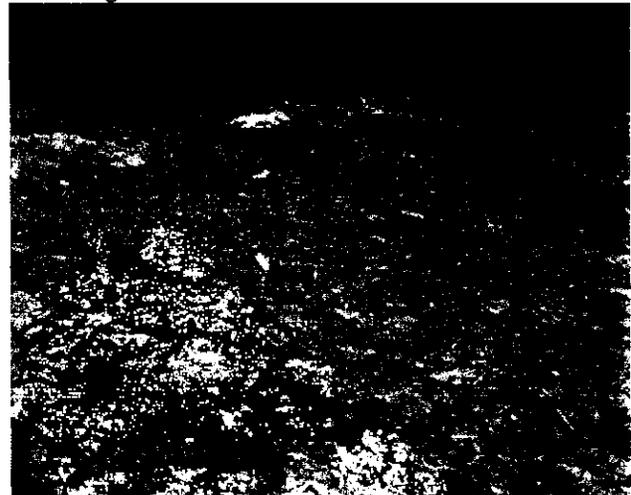


Figure 4. Disturbed soil that will remain idle for 21 (+) days needs to be stabilized.

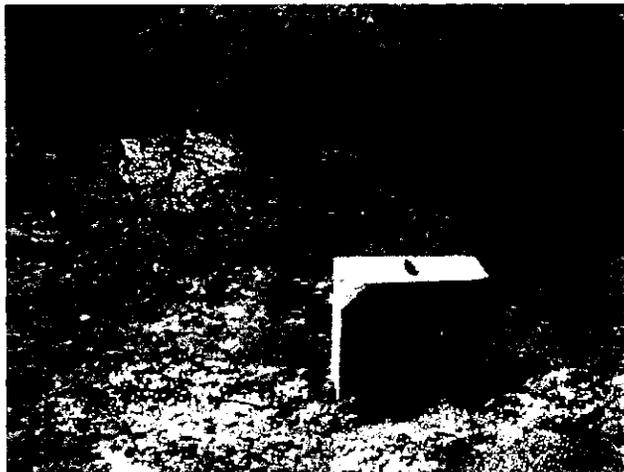


Figure 5. The sediment pond is discharging sediment laden water into the wetland area.



Figure 6. The sediment pond has no catch basin with a sediment control measure installed, and is just piped straight into the wetland area.



Figure 7. Inlet protection is damaged and made from the wrong type of geotextile material.

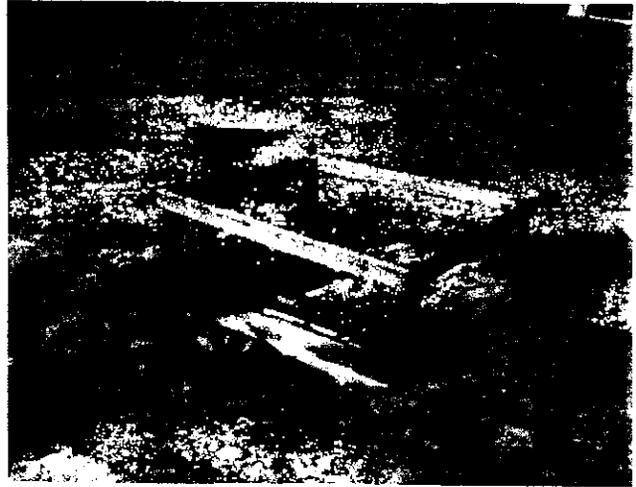


Figure 8. Missing inlet protection (only frame in place).