

**Environmental
Protection Agency**

1000 East Broad Street
Columbus, Ohio 43260-9000
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www.epa.gov

Governor
Lt. Governor
Director

July 26, 2011

RE: LORAIN COUNTY
VILLAGE OF LAGRANGE
KEYSTONE MIDDLE SCHOOL
NPDES PERMIT NO. OHC000003
OHIO EPA PERMIT NO. 3GC05474*AG
CONSTRUCTION STORM WATER

Mr. Phillip Butto
Cornice Company, The
2841 Rivera Drive
Fairlawn, OH 44333

Dear Mr. Butto:

On July 20, 2011, Ohio EPA conducted an inspection of the Keystone Middle School project located at 501 Opportunity Way Suite 100, Village of LaGrange, Lorain 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. 3GC05474*AG. I spoke with Ryan Mairs from G.E. Baker Construction Company while on site. The inspection documented the following:

- **The preexisting sediment basin has not been modified to accommodate the runoff generated from the site.**
 - According to one of the workers from G.E. Baker, the sediment basin had been used for the High School Project just across the road. He said they decided to leave the riser pipe dewatering device in place until the new and larger outlet structure is installed to accommodate the runoff generated from both sites. They are supposedly in the process of sizing the sediment basin correctly to handle all runoff from *both* sites. Please be sure that the basin is sized correctly (with a Dewatering volume of 67 cubic yards per acre of drainage area, and a Sediment settling volume of 1000 cubic feet per acre of drainage area), and that a new dewatering device is installed correctly to treat the runoff collected in the sediment basin. Please implement the dewatering device as specified in the Storm Water Pollution Prevention Plan (SWP3) (See Figures 1 & 2).

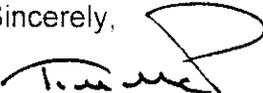
- **There are preexisting catch basins on site that have no inlet protection.**
 - There were several preexisting catch basins on site (near Opportunity Way) that were vulnerable to sediment laden water entering them. Discharging sediment laden water to surface waters of the State is a ***direct violation of the NPDES permit and punishable with fines up to \$25,000 per day of violation.*** Please be sure to install inlet protection ***immediately*** as specified in the SWP3 (See Figure 3).

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- **The construction entrances to the site are inadequate, resulting in sediment being tracked onto Opportunity Way.**
 - The construction drives need to consist of two (2) inch diameter stone, six (6) inches deep, and seventy (70) feet in length from Opportunity Way as specified in the SWP3. Also, Opportunity Way must be swept free of sediment on a regular basis or as necessary to prevent sediment from entering curbside catch basins (See Figure 4).

- **Several catch basins were missing grates on top.**
 - Please install grates on top of all catch basins to prevent unwanted materials from entering the storm sewers and clogging them (See Figure 5).

Please provide me with a letter of response indicating the actions you will take to address the deficiencies noted above. Your response must be received and corrective action completed by August 8, 2011. If corrective action cannot be completed by this date, your response should include the date by when corrections will be completed. 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: G.E. Baker Construction
Lorain SWCD
Kim Strauss, Village of LaGrange, Mayor

ec: Dan Bogoevski, DSW, NEDO
Ryan Mairs, G.E. Baker Construction



Figure 1. The sediment basin needs to accommodate runoff from the HS and MS.

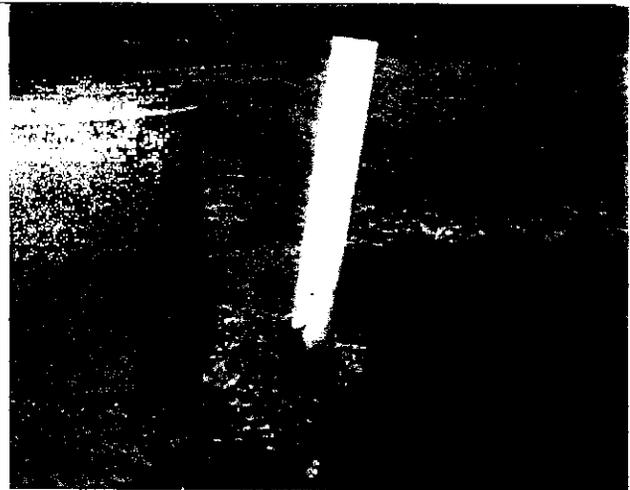


Figure 2. The new outlet structure will require a dewatering device similar to this one.



Figure 3. The preexisting catch basins need inlet protection.



Figure 4. Offsite tracking of sediment due to inadequate construction drives.

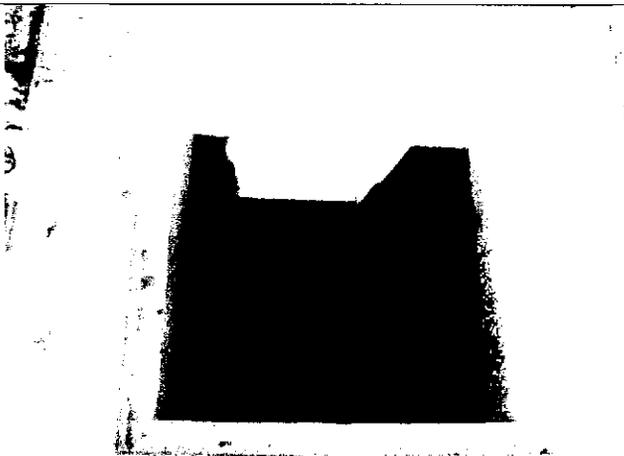


Figure 5. The catch basins need grates on top.