



State of Ohio Environmental Protection Agency

Southeast District Office

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Logan, Ohio 43138

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www.epa.state.oh.us

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

July 28, 2009

Re: Gallia County
Rio Grande Elementary
Storm Water Construction
Notice of Violation
OGC01198*AG

Jack Payton
Gallipolis City Schools
61 State St
Gallipolis, OH 45631

Dear Mr. Payton:

On July 7, 2009 and July 16, 2009, I visited your site on 500 Lake Drive in Rio Grande. The purpose of the inspection was to determine the compliance status of this site with the National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with construction activity. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. The following areas need to be addressed:

Permit Coverage

1. Part III.G.2.d.ii of the permit requires concentrated runoff and runoff from drainage areas, which exceed the design capacity of silt fence or inlet protection, to be conveyed to a sediment settling pond. Sites over five acres must install a sediment pond. Sediment ponds must be capable of holding 67 cubic yards of storage per on site and off site drainage acre. Sediment must be removed from the sediment pond when the design capacity has been reduced by 40 percent (this is typically reached when the pond is half full). **Recalculate the drainage area and adjust the size of the sediment pond. The current pond is too small for the area.**
2. Part III.G.2.b.i. (Table 2) of the permit requires that any area that will lie dormant for more than 21 days, but less than a year, be stabilized within seven days of the most recent disturbance. Temporary seeding may be accomplished any time between March 1 and November 1. Any seeding that occurs between November 1 and the spring seed will be considered dormant seeding. **Seed all areas that have been dormant for more than 21 days. This site has large areas that need seeded. The main areas to be seeded are the large area toward the rear of the site, around the sediment pond, and near the sediment pond discharge.**

3. Part III.G.2.b.ii. of the permit states that operators shall stabilize channels and outfalls to prevent erosive flows. Techniques may include seeding, mulching, erosion control matting, sodding, rip rap, or rock check dams. **There are several areas that are channelized on the project. Fix these areas with rip rap or rock check dams.**
4. Part III.G.2.h of the permit states that all sediment control practices must be maintained and repaired until the entire up slope area of the development has been stabilized. According to Part III.G.2.i. of the permit, controls must be inspected once every seven calendar days and within 24 hours after any storm event greater than one half an inch in 24 hours. Repairs must be accomplished within three days of the inspection, except in the case of sediment ponds, which must be repaired within 10 days. In accordance with Part III.G.2.d.vi., if inspections or other information indicates that a control is not functioning or ineffectual, then the permittee must replace or modify the control. **Please provide the last two months of weekly inspection reports.**
5. Part III.G.2.d.iv. of the permit states that sediment control practices must minimize the amount of sediment entering an active storm drain system, unless the system drains to a sediment settling pond. **The inlets have dandy bags but are no longer functional. These should be replaced or routed to the sediment pond.**
6. According to Part III.G.2.e. of the permit, velocity dissipation devices should be utilized along the length of an outfall to provide non-erosive flow velocity from the structure. **The outfall from the inlets is channelizing and has erosive flow. Rip rap and rock check dams need to be installed or the inlets need routed to the sediment pond.**
7. Part V. N. of the permit states that all facilities and systems of treatment and control must be properly operated and maintained at all times. **The silt fence needs to be repaired and/or replaced in many areas around the perimeter of the site.**
8. Detailed drawings and maintenance plans must be provided for all post-construction BMPs. Part III.G.2.e. of the permit states that post-construction storm water practices must provide perpetual management of runoff quality and quantity. These plans and drawings should be provided by the permittee to the post construction operator of the site. **Please submit your Storm Water Pollution Prevention Plan plans to the Ohio EPA SEDO.**

The small stream that the site discharges into is being filled with sediment and all controls must be replaced and/or fixed immediately. Many of these violations were being addressed on my second inspection on July 16, 2009. All of the violations must be addressed if not done so already. I have attached pictures indentifying the violations listed in the comments above.

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

Sediment and erosion controls for your site must meet the guidelines and design criteria set forth in the above mentioned *Rainwater and Land Development* manual. A copy of this manual may be obtained by contacting the Ohio Department of Natural Resources, Division of Soil and Water Conservation, at (614) 265-6610.

Within fourteen (14) days of receipt of this letter, please submit to me at this office a written notification as to actions taken or proposed to eliminate violations of the permit. Your response should include the dates, either actual or proposed, for the completion of the actions. If you have any questions, please contact Aaron Wolfe at (740) 380-5277 or me at (740) 380-5418.

Sincerely,

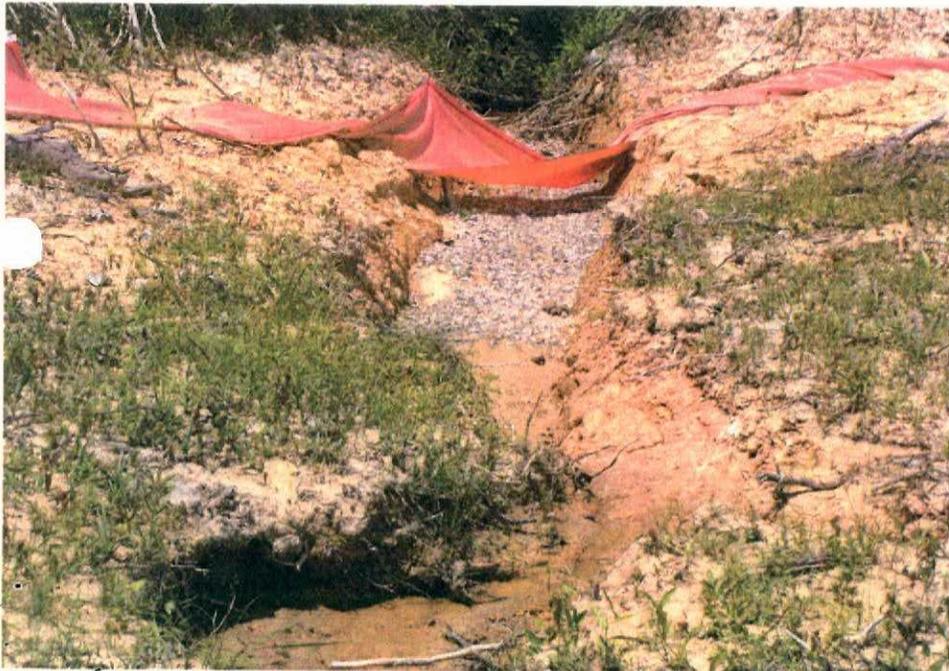


Joe May
Storm Water Section
Division of Surface Water

JM/mlm

Attachments

7-7-04

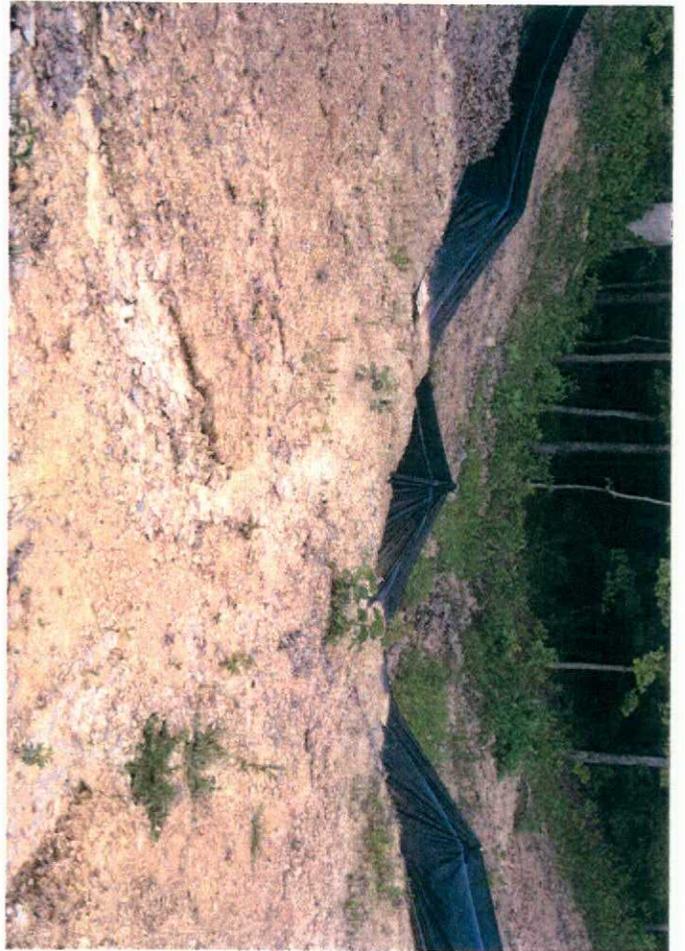
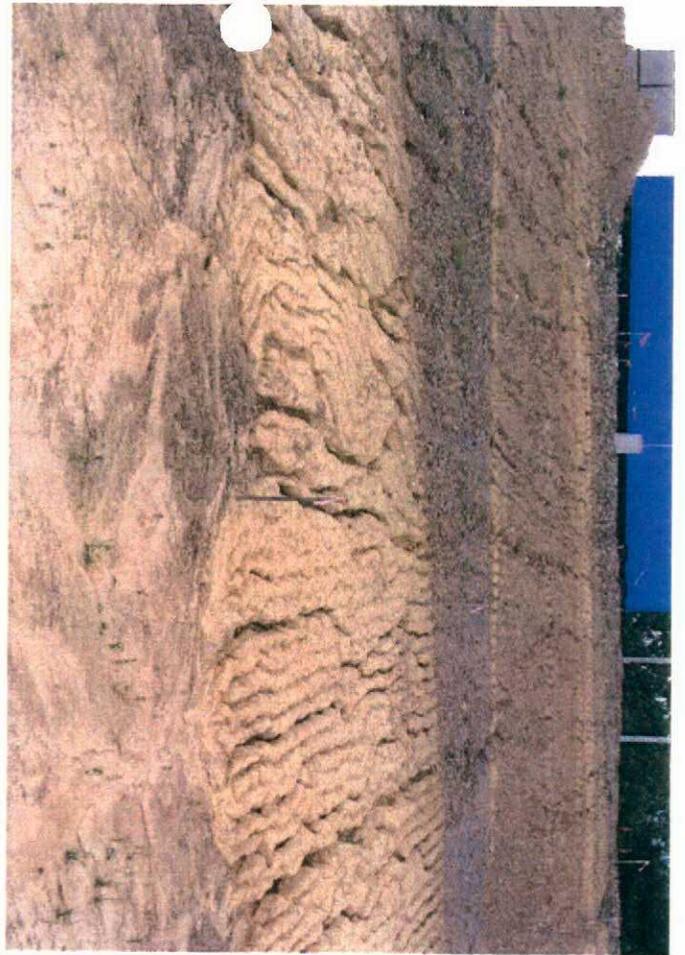
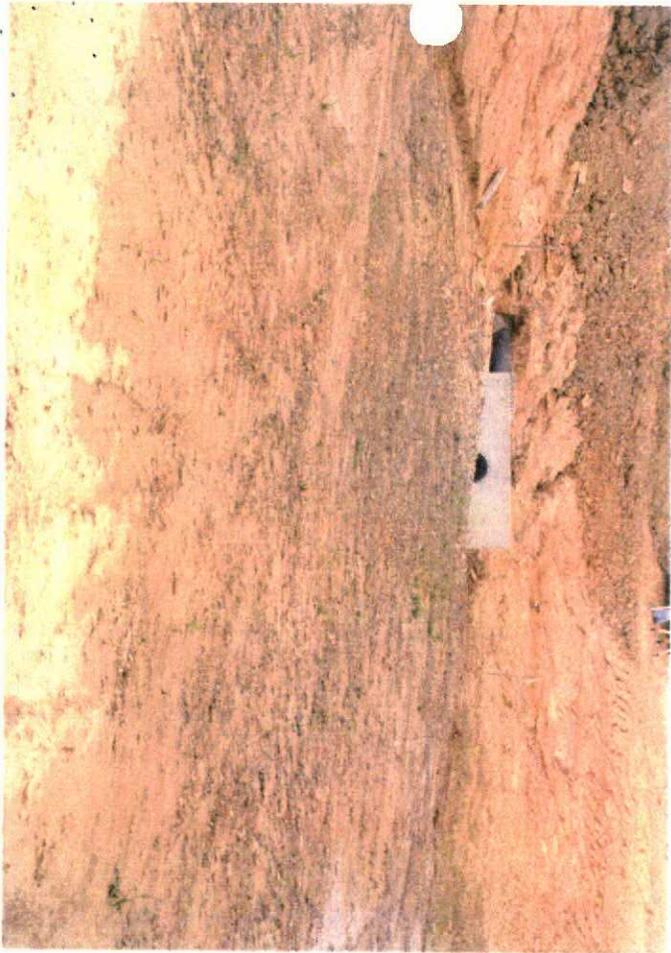


7-7-09



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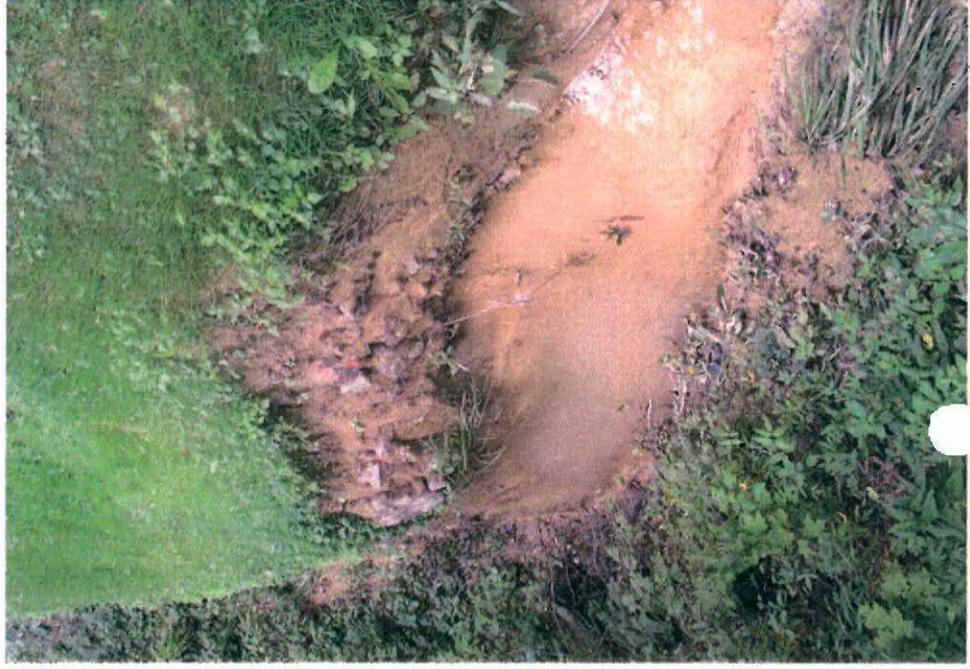


1-109



Areas downstream of the school. Small drainage ditch and homeowners lawns

7-16-09



7-16-09

Areas downstream of school. Small drainage ditch and home owners lawns

Small drainage ditch downstream



New silt fence

7-16-09



↑
New sediment pond (much larger than original on 7-7-09)

7-7-14

New silt fence



New silt fence



New outfall from sediment pond with small silt trap

New sediment pond

7-7-09

New silt fence

