



State of Ohio Environmental Protection Agency

Northwest District Office

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

Re: Lucas County
Cedar Creek Church
Construction
Storm Water

July 9, 2009

New Vision Construction Services
Mr. William Ruch
3315 Centennial Road, Suite O
Sylvania, Ohio 43560

Dear Mr. Ruch:

On June 3, 2009, Lynette Hablitzel and I inspected the Cedar Creek Church at Whitehouse Square Boulevard, Plat 2 in Whitehouse. The purpose of our 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. 2GC02252. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. Mr. Don Czajka, Project Superintendent for New Vision Construction Services, was present to provide information. Ohio EPA has no record of other permittees for this site.

As a result of the inspection, I have the following comments:

1. At the time of inspection, construction at the site was ongoing. The steel frame of the building was being constructed and the stone was down on the parking lot. Topsoil had been stripped and stockpiled along the south side of the site. Storm sewers had been installed.
2. Inspection logs were not present and available. Inspections must be conducted weekly and within 24 hours of a 0.5" rainfall. Inspections must include: disturbed areas, material storage areas, all sediment and erosion control measures, discharge locations, and all vehicle access points. Records must include: inspector name and qualifications, inspection date, observations, a certification that the facility is in compliance with the SWP3 and the permit, and identify any incidents of non-compliance. The record and certification must be signed in accordance with Part V.G. of the permit. *This is a violation of Part III. G.2.i. of the permit.*
3. Silt fence had been installed along the southeast side of the site. Water appeared to be collecting in the southeast end of the construction area. Reviewing the preconstruction contours on the plans, the site primarily drained to the southeast. This would have placed more than 0.5 acre behind the southeastern line of silt fence. This exceeds the allowable drainage area 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 Parts III.G.2.d. iii. of your permit.*

4. Due to drainage area size, topography, and the presence of concentrated flows, the primary sediment control required for this project was one or more sediment settling ponds. None had been installed. *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. 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 ft.); 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 c.f. per disturbed acre; and the distance between inlets and the outlet at least 2:1 length:width ratio. *This is a violation of Part III.G.2.d.ii. of the permit.*

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

5. Several sediment controls had not been properly installed. Silt fence along the east property line was laying on the ground. It was not staked into the ground and the fabric was not entrenched. Filter fabric had been placed under the grates of yard inlets. *Permit Requires:* All erosion and sediment control practices used to meet the conditions of this permit should meet the standards and specifications of the current edition of Ohio's *Rainwater and Land Development Manual* (ODNR) or other standards acceptable to Ohio EPA. *This is a violation of Part III.G.2. of your permit.* I recommend that proper inlet protection and silt fence be installed until sediment settling ponds meeting the conditions of the permit are installed.
6. Rills and gullies were evident in the swales, detention area and catch basins located on the northern portions of the site. Weed growth was starting on the stockpiles on the south side of the property. It appeared that the timeframes for stabilization may have been exceeded. *Permit Requires:* Portions of the construction site which will be inactive for more than 21 days must have temporary stabilization initiated within the first seven. Temporary stabilization is required prior to the onset of winter weather for ground that will be idle over winter. Permanent stabilization is required within 7 days on any portion of the site that has reached final grade or will be idle for longer than 1 year. Soil stabilization practices shall be initiated within two (2) days on inactive, barren areas within 50 feet of a surface water.

Mr. William Ruch
July 8, 2009
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Permanent seeding and mulching is required before construction activity is completed throughout the entire site. If seasonal or working conditions prohibit the establishment of vegetative cover, other means of stabilization, such as mulching and matting, must still be used and maintained until more permanent methods can be implemented. Please see Part III.G.2.b.i. of the permit. As construction continues please keep in mind the permit requirements for stabilization. The stockpile is large enough to apply at least temporary stabilization on portions of it, while maintaining a working face if that is necessary.

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 as well as a current copy of the site's Storm Water Pollution Prevention Plan. If there are any questions, please contact me at (419) 373-3006.

Sincerely,



Danielle Meienburg
Division of Surface Water
Storm Water Program

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~~INWDON File~~

Follow up file
Dennis Recker, Village of Whitehouse Administrator