OhioEPA

State of Ohio Environmental Protection Agency

Southeast District Office

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Logan, Ohio 43138

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

August 17, 2010

Re: Guernsey County
Stone Crest Subdivision
Storm Water Construction Activity
Notice of Violation
0GC00479*AG

Willie Miller
Sunrise Construction
20455 McCoy Road
Freeport, Ohio 43973

Dear Mr. Miller:

On July 21, 2010, I visited your site on Southgate Parkway in Cambridge. The purpose of the inspection was to determine the compliance 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:

1. Sediment Pond

Part III.G.2.d.ii of the permit requires the following:

> Sediment settling ponds: A sediment settling pond is required for any one of the following conditions:
>
> - concentrated storm water runoff (e.g., storm sewer or ditch);
> - runoff from drainage areas, which exceed the design capacity of silt fence or other sediment barriers;
> - runoff from drainage areas that exceed the design capacity of inlet protection; or
> - runoff from common drainage locations with 10 or more acres of disturbed land.
>
> The permittee may request approval from Ohio EPA to use alternative controls if the permittee can demonstrate the alternative controls are equivalent in effectiveness to a sediment settling pond.

The sediment settling pond volume consists of both a dewatering zone and a sediment storage zone. The volume of the dewatering zone shall be a minimum of 1800 cubic feet (ft^3) per acre of drainage (67 yd^3/acre) with a minimum 48-hour drain time for sediment basins serving a drainage area over 5 acres. The volume of the sediment storage zone shall be calculated by one of the following methods: Method 1: The volume of the sediment storage zone shall be 1000 ft^3 per disturbed acre within the watershed of the basin. OR Method 2: The volume of the sediment storage zone shall be the volume necessary to store the sediment as calculated with RUSLE or a similar generally accepted erosion prediction model. The accumulated sediment shall be removed from the sediment storage zone once it's full. When determining the total contributing drainage area, off-site areas and areas which remain undisturbed by construction activity must be included unless runoff from these areas is diverted away from the sediment settling pond and is not co-mingled with sediment-laden runoff. The depth of the dewatering zone must be less than or equal to five feet. The configuration between inlets and the outlet of the basin must provide at least two units of length for each one unit of width (> 2:1 length:width ratio), however, a length to width ratio of 4:1 is recommended. When designing sediment settling ponds, the permittee must consider public safety, especially as it relates to children, as a design factor for the sediment basin and alternative sediment controls must be used where site limitations would preclude a safe design. The use of a combination of sediment and erosion control measures in order to achieve maximum pollutant removal is encouraged.

Upon Inspection of the site I could not locate a sediment pond. Due to the size of the site a permenent sediment pond is required. Is there a sediment pond installed for the site?

Please respond within 14 days of reciept of this letter and attach the SWP3 for review.

2. Co-Permitting

Since the site referenced in this letter is a sub-division you are required to transfer the permit coverage to the new owner for each lot sold. This process is outlined below:

Part I.D. of the permit states that if an operator obtains a permit for a development, and then the operator (permittee) sells off lots or parcels within that development, permit coverage must be continued on those lots until a Notice of Termination (NOT) in accordance with Part IV.B is

submitted. For developments which require the use of centralized sediment and erosion controls for which the conveyance of permit coverage will jeopardize compliance with the terms and conditions of this permit, the permittee will be required to maintain responsibility for the implementation of those controls. For developments where this is not the case, it is the permittee's responsibility to temporarily stabilize all lots sold to individual lot owners. In cases where permit coverage for individual lot(s) will be conveyed, the permittee shall inform, in writing, the individual lot owner of the obligations under this permit and ensure that the Individual Lot NOI application is submitted to Ohio EPA.

According to Part II. A. of the permit, the buyer (operator) of a lot in a subdivided development covered by this NPDES permit must submit an individual lot NOI seven days prior to the date that the operator intends to accept responsibility for the lot. The original permittee may submit an individual lot Notice of Termination at the same time; however, transfer of coverage is not granted until a letter of approval form the Ohio EPA is received by the applicant. Once approval is received the operator assumes responsibility for the conditions of this permit and the original SWP3. It is the permittee's responsibility to inform the individual lot owner of the obligations of the permit.

According to Part V. L. of the permit, Ohio EPA must be notified in writing sixty days prior to the transfer of coverage under the NPDES general permit. It is the transferee's responsibility to inform the Ohio EPA that coverage is being transferred.

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 me at (740) 380-5418 or Aaron Wolfe at (740) 380-5277.

Sincerely,

Chris Stephan
Storm Water Section
Division of Surface Water

CCS/dh