



2GC0186420090710

SANDUSKY TURNING LEAF SUBDIVISION

2GC01864 2009/07/10

MEIENBURG,
DANIELLE

CLYDE



State of Ohio Environmental Protection Agency

Northwest District Office

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Bowling Green, OH 43402-9398

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

Re: Sandusky County
Turning Leaf Subdivision
Construction
Storm Water

July 9, 2009

A R Gill Development LLC
Mr. Mark Gill
4335 Limerick Road
Clyde, Ohio 43410

Dear Mr. Gill:

On June 23, 2009, Mackenzie Coughlan and I inspected Turning Leaf Subdivision at County Road 175 and Durnwald Drive, Clyde (pictures taken). 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, Facility ID No. 2GC01864. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. 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, the site was inactive. It appeared that the property had been seeded along the roadway. The roadway, water, sewer, and sanitary had all been installed. Due to the absence of personnel or a construction trailer, the Storm Water Pollution Prevention Plans (SWP3) and inspection logs were not available for review.
2. The banks of the ponds had rills and gullies. Ground away from the roadway was weathered with some weed growth. It appeared that the time frames for applying stabilization had 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. 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. Permanent seeding and mulching is required before construction activity is completed throughout the entire site. If seasonal conditions prohibit the establishment of vegetative cover, other means, such as mulching and matting, must still be used and maintained until more permanent methods can be implemented. *Failure to do so is a violation of Part III.G.2.b.i. of the permit.* At a minimum, temporary stabilization must be applied to bare idle areas of the site. It will be necessary to fill the rills and gullies before seeding. There was also a large soil stockpile on the north side of the property. The stockpile is large enough to apply at least temporary stabilization on portions of it, while maintaining a working face if that is necessary.

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3. Proper inlet protection was not installed on the catch basins on the property. Straw bales are not an accepted sediment control. *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 the permit.* Proper inlet protection must be installed unless these inlets drain to a sediment settling pond.

4. A detention pond was located on the northeast corner of the site. Due to the presence of concentrated flow, this structure is required to meet the design requirements for a sediment settling pond until construction activities have ended and a perennial vegetative cover of 70% density has been achieved over the tributary area. Without reviewing the SWP3, I am unable to determine if the pond meets the requirements of the permit. *Permit Requires:* Sediment settling ponds must meet the following criteria: a dewatering volume with a maximum depth of 5 feet, sized at 67 cubic yards per drainage acre, and for drainage areas of 5 acres or more: a minimum 48 hour dewatering time; a sediment storage volume of 1000 cubic feet per disturbed acre provided below the dewatering zone; and at least a 2:1 length to width ratio between the nearest inlet and the outlet. *Please see Part III.G.2.d.ii. of the permit.* It will be necessary to modify the pond, if it does not already meet all of these requirements.

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 (SWP3), including completed inspection logs. 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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pc **NWDO file**

Follow up file
James R. Moyer, Sandusky County Engineer
Joe Perry, Sandusky County SWCD