



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Allen County
Edge Brook Estates No 5 Subdivision
Construction
Storm Water

July 9, 2009

Loma LLC
Mr. Joseph Mack
5893 East Deep Cut Road
Spencerville, Ohio 45887

Dear Mr. Mack:

On June 4, 2009, I inspected Edge Brook Estates No 5 Subdivision west of Fourth St, North of Brett Lane, in Spencerville (pictures taken). The purpose of my 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. 2GC02157. 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. The road, curbs, and storm sewer had all been installed. There was equipment present. It appeared that the property had reached final grade. 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. Rills and gullies were present on the banks of the pond at the northeast corner of the property. Based on the weed growth and rills and gullies, it appears that the timeframes for applying stabilization controls 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. 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. I recommend applying a cover of straw mulch at 2 tons per acre, using a disc or a tackifier. This method would need to be maintained until fall, when weather conditions are suitable for seeding.
3. There appeared to be a detention pond on the northeast corner of the site. 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. With what appears to be a large outlet pipe located at the bottom of the pond, it did not appear to have a sediment storage volume or appear to be designed to meet the minimum 48 hour dewatering time.

Mr. Joseph Mack
July 8, 2009
Page Two

Permit Requires: Sediment settling ponds must meet the following criteria: a dewatering volume with a maximum depth of 5 ft., sized at 67 cubic yard 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 foot 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 to meet all of these requirements.

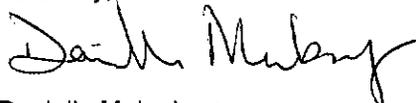
4. Structural controls were not in place to address all runoff from the site. More specifically, Rider Ditch on the east side of the property was unprotected. *Permit Requires:* Structural controls shall be used on all sites remaining disturbed for more than 14 days. Sheet flow from denuded areas shall be intercepted by sediment barriers. Control practices shall protect adjacent streams. *This is a violation of Parts III.G.2.d. iii. and v. of the permit.*

I recommend that a silt fence be placed along the disturbed ground above the ditch to minimize sediment entering the ditch.

5. There was no inlet protection on the curb inlet catch basins. *Permits Requires:* Practices shall minimize sediment laden water entering active storm drain systems unless they drain to a sediment settling pond. *This is a violation of Part III.G.2.d.iv. of the permit.* No inlet protection is only acceptable if the inlets drain directly to a sediment settling pond meeting the permit requirements. It will be necessary to install inlet protection if the catch basins do not drain to the pond or until the pond is modified to meet the design requirements of the permit.

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

/lb

pc ~~NWDO:File~~

Follow up file
Lynn Cummins, Village of Spencerville