



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Hancock County
Interstate West Subdivision
Construction
Storm Water

June 22, 2011

Mr. Todd Jenkins
Whitson Properties
1706 Imperial Lane
Findlay, Ohio 45840

Dear Mr. Jenkins:

On May 17, 2011, Lynette Hablitzel, Brian McGlown, and I inspected Interstate West Subdivision at County Road 300 and Township Road 94, Liberty Township. The purpose of our visit was to evaluate compliance of the site with your National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges associated with construction activity, Facility ID No. 2GC01133*AG. 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 project.

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

1. At the time of the inspection the site was not active. Streets, utilities, and a storm water pond appeared to have been completed.
2. Due to the absence of personnel, the Storm Water Pollution Prevention Plan (SWP3) and inspection logs were not available for review.
3. The right of way along Interstate Drive appeared to have been stabilized. However, there was a berm/soil stockpile parallel to the street on the south side of Interstate Drive that had not been stabilized. *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 days. Permanent stabilization is required within seven days on any portion of the site that has reached final grade or will be idle for longer than one 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. *Please see Part III.G.2.b.i. of the permit.* At a minimum, temporary stabilization, such as a temporary seeding with a cover of mulch, must be applied to bare, idle areas.

4. It appeared that a detention pond, located on the west side of the site, received the site's runoff. Without reviewing the SWP3, we cannot verify that it meets the required criteria for a sediment settling pond. *Permit Requires:* Concentrated runoff and runoff from drainage areas which exceed the design capacity of silt fence (over 0.5 acres per 100 ft. 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; and the distance between inlets and the outlet at least 2:1 length:width ratio. *Please see Part III.G.2.d.ii. of the permit.* Please submit written verification from your consulting engineer or qualified inspector that the pond meets these design criteria.

Within 10 days of the date on this letter, please submit to this office written **notification** as to the reasons for the above mentioned comments as well as 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. Under the conditions of the permit, the Interstate West Subdivision is required to have one or more of the permanent structural post-construction Best Management Practices (BMPs) listed in Table 2 of the permit to treat the water quality volume (WQv) and ensure compliance with Ohio's Water Quality Standards listed in Ohio Administrative Code 3745-1. An additional volume equal to 20% of the WQv is to be incorporated into the BMP for sediment storage and/or reduced infiltration capacity. Drain times must meet those in Table 2 of the permit.

Please submit information within 10 days of the date on this letter demonstrating how the post-construction storm water management requirement will be met. Your reply should include a statement about the type(s) of BMPs implemented, a site map showing the location of each practice, a delineation of its tributary drainage area and its size, and the basis for its design. For each control include: the calculations of the Water Quality Volume (WQv), a detail drawing of the structure with relevant elevations, stage-storage tables, and release rate calculations. Runoff coefficients must be based on those contained in Table 1 the permit. If a weighted runoff coefficient is being used, include supporting calculations. Your reply must address how the Post-Construction requirement will be met for all disturbed areas.

If there are any questions, please contact me at (419) 373-3036.

Sincerely,



Judson M Delancey IV
Division of Surface Water
Storm Water Program

/cs

pc: ~~DSW\NWDO~~ File 7
Hancock SWCD
Steven C Wilson P.E., P.S., Hancock County Engineer