



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Erie County
Willow Lake Subdivision
Construction
Storm Water

December 29, 2010

Mr. Steve Johnson
Willow Lake Construction Company
422 West Market Street
Sandusky, Ohio 44870

Dear Mr. Johnson:

On December 2, 2010, I inspected the Willow Lake Subdivision located at the northeast corner of Perkins Avenue and Galloway Road, Huron Township. The purpose of the 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. 2GC00139. 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.

At the time of the inspection, the site was inactive. Bayfield Drive and a portion of Lake Breeze Drive were complete. Several homes were completed. The right of way along the road had a grass cover. The ground outside the right of way appeared to be farmed. Due to the absence of construction personnel or a trailer, the Storm Water Pollution Prevention Plan (SWP3) and inspections logs were not reviewed.

Broken concrete, a dirt stockpile, and several plastic barrels containing wood and paint sticks were located next to Lake Breeze Drive. A small pile of mulch was on the pavement. Your SWP3 must provide Best Management Practices for material storage and handling, including proper disposal. *This is a violation of Part III.G.2.g. of the permit.* I recommend placing waste into a covered dumpster until it can be properly disposed. The mulch pile may be removed from the pavement or covered with a tarp. The soil stockpile must be stabilized or covered with a tarp. For more details about stabilization requirements, please see Part III.G.2.b.i. of the permit.

At the time of my visit, it was not evident what post construction storm water management facilities had been installed to meet permit requirements.

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Under the conditions of the permit, Willow Lake 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 installed 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 demonstrating how the post construction storm water management requirement will be met within 10 days of the date on this letter. 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 of 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) 373-3009.

Sincerely,



Lynette Hablitzel, P.E.
Division of Surface Water
Storm Water Program

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pc: DSW-NWDO-File
Tim White, District Director, Erie Soil & Water Conservation District
Ken Fortney, Erie County Drainage Superintendent
Huron Township