Ohio | Environmental Protection Agency

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

July 19, 2011

RE: STARK COUNTY
NIMISHILLEN TOWNSHIP
BRIDGE NO NI 31-37 BROADWAY AVE.
CONSTRUCTION STORM WATER

Mr. Scott Basinger
Stark County Engineer's Office
5165 Southway Street SW
Canton, OH 44706

Mr. Greg Monsanty
Wolf Creek Engineering and Contracting Inc
1288 Starlight Drive
Akron, OH 44306

Dear Mr. Basinger and Mr. Monsanty:

On July 12, 2011, I, along with Julie Berbari of the Stark Soil & Water Conservation District (SWCD), performed an inspection at the above-referenced site to determine compliance with the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities #3GC05211*AG. Our records indicate that the Stark County Engineer's Office was granted coverage under the NPDES permit on December 14, 2010. Our records further indicate that Wolf Creek Engineering and Contracting Inc. submitted a Co-Permittee Notice of Intent on June 14, 2011.

During my inspection, I documented the following deficiencies:

1. The rocks and silt fence being used to slow the velocity of the runoff are not installed properly (Figure 1). Please extend the gravel and the silt fence across the entire width of the channel so that the sides are level with the adjacent banks. This will prevent runoff from escaping around the sides of the dam. For a more detailed description of a proper rock check dam, please see the *Rainwater and Land Development Manual* (Ohio Department of Natural Resources, 2006), available online at http://www.dnr.state.oh.us/tabid/9186/default.aspx .

2. Large erosion gullies have formed in many areas, and sediment-laden runoff is traveling through these channels and then flowing directly into the creek (Figure 2). You must treat this runoff with an appropriate sediment control, such as a sediment trap. In addition, if you will not be conducting work in this area within the next 21 days, you must temporarily stabilize the soil with seed and mulch.

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1924

330 | 963 1200
330 | 487 0769 (fax)
www.epa.ohio.gov

3. Significant amounts of sediment have collected on the roadway and will flow directly into the creek below when water comes in contact with the pavement (Figures 3 and 4). You should routinely clean the street to reduce the amount of sediment that is present on Broadway Avenue. In addition, you should take steps to reduce the amount of dirt that is tracked from the disturbed areas onto the pavement.

Please provide me with a letter of response indicating the actions you will take to address the deficiencies noted above. Your response, along with any amendments to the Storm Water Pollution Prevention Plan (SWP3), must be submitted to the Ohio EPA **no later than August 1, 2011**. If corrective actions are not completed by this date, please include a schedule that outlines when action will be taken. It is Ohio EPA's expectation that all of these deficiencies will be addressed within 10 days of receipt of this letter.

Finally, please fax a copy of your most recent storm water inspection report to my attention at (330) 487-0769 or via e-mail at michelle.hummel@epa.state.oh.us. The NPDES permit requires you to inspect all storm water best management practices once every 7 days and within 24 hours of a 0.5-inch or greater rainfall. The results of these inspections must be documented as indicated in Part III.G.2.i of the NPDES permit.

If you have any questions regarding this matter, please contact me at your earliest convenience at (330) 963-1128.

Sincerely,

Michelle Hummel

Michelle Hummel
Assistant to the District Engineer
Division of Surface Water

MH/mt

cc: Keith Bennett, Engineer, Stark County
Trustees, Nimishillen Township
Julie Berbari, Stark SWCD

ec: Phil Rhodes, DSW, NEDO

Bridge No NI 31-37 Broadway Avenue
Nimishillen Township Stark County

Photos Taken: July 12, 2011
By: Michelle Hummel, DSW, NEDO

Figure 1 – The rock check dams have not been installed properly.

Figure 2 – The runoff has eroded channels that lead directly to the creek.

Figure 3 – Significant amounts of sediment have been tracked onto Broadway Avenue.

Figure 4 – The pavement needs to be cleaned.