



**Environmental  
Protection Agency**

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

June 27, 2011

RE: PORTAGE COUNTY  
CITY OF AURORA  
SAGINAW CONTROL BUILDING ADDITION  
CONSTRUCTION STORM WATER

Mr. Mike Curtis  
Curtis Layer/Design Build  
P.O. Box 404  
Aurora, OH 44202

Dear Mr. Curtis:

On June 7, 2011, I, along with John Trew of the City of Aurora, 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 #3GC05345\*AG. Our records indicate that Saginaw Control was granted coverage under the NPDES permit on March 23, 2011.

During my inspection, I documented the following deficiencies:

1. The silt fence needs maintenance. In the rear of the building, the fence is not backfilled, and the geotextile fabric is not properly attached to its supporting posts (Figure 1). In other areas along the perimeter, silt fence is missing and should be installed (Figure 2). In the front of the building along Route 43, individual segments of silt fence are not properly wound together to prevent sediment from escaping (Figure 3). Also, some pieces are not trenched six inches into the ground (Figure 4), as required in the NPDES permit. Please install and repair the silt fence where needed.
2. The rock construction entrance from the rear parking lot onto the active construction site needs to be repaired (Figure 5), as evidenced by the off-site tracking of sediment that is occurring (Figure 6). Please add more rock to this area per the specifications in the NPDES permit to ensure that sediment is not tracked onto the pavement, where it may enter storm drains.
3. The stockpile and surrounding dirt on the front side of the site lack stabilization (Figures 7 and 8). The area surrounding the pond in the front corner of the property (Figure 9), as well as the far back corner of the site (Figure 10), also lack vegetation. If this dirt will not be used and earth-moving activities will not be conducted in this area within the next 21 days, you must temporarily stabilize this soil within seven days of the last earth disturbance.

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4. Sediment-laden runoff from the construction site is flowing into the pond in the front corner of the property, along Route 43, and is not being treated (Figures 11 and 12). This runoff should be directed into a properly constructed sediment basin with either a skimmer device or a riser pipe as its outlet structure. Please consult with the project engineer to design an appropriate sediment basin for the site and update the Storm Water Pollution Prevention Plan (SWP3).
5. Sediment-laden water is entering a possible stream that runs along the edge of the property by the neighboring utility access road (Figures 13 and 14). You should install a diversion along this edge of the property to redirect the runoff to a sediment basin, where the water can be treated and then discharged.

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 SWP3, must be submitted to the Ohio EPA **no later than July 7, 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](mailto: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  
Assistant to the District Engineer  
Division of Surface Water

MH/mt

cc: Justin Czekaj, Engineer, City of Aurora  
John Trew, MS4 Program Manager, City of Aurora  
Lynn McGill, Mayor, City of Aurora  
Portage County SWCD

ec: Phil Rhodes, Ohio EPA, NEDO, DSW

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City of Aurora Portage County

**Photos Taken: June 7, 2011**  
**By: Michelle Hummel, DSW, NEDO**



Figure 1 – Silt fence is not properly backfilled or attached to its supporting posts.



Figure 2 – Silt fence is missing.



Figure 3 – Individual pieces of silt fence are not wound together to form a solid barrier.



Figure 4 – Silt fence is not trenched appropriately.



Figure 5 – The construction entrance is not preventing off-site tracking.



Figure 6 – Sediment is being tracked onto the pavement.

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Figure 7 – The dirt stockpile lacks appropriate vegetation.



Figure 8 – Much of the site lacks vegetation.



Figure 9 – The area surrounding the pond lacks stabilization.



Figure 10 – The back corner of the site lacks stabilization.



Figure 11 – Silt fence is not used appropriately.



Figure 12 – Sediment-laden water is flowing into the pond.

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Figure 13 – Sediment-laden water is entering a possible stream.



Figure 14 – The sediment controls are not effectively preventing the runoff of sediment in the stream.