



State of Ohio Environmental Protection Agency

Northeast District Office

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

September 16, 2009

RE: CUYAHOGA COUNTY  
CHAGRIN RIVER WATERSHED  
VILLAGE OF CHAGRIN FALLS  
FALLS WALK SUBDIVISION

Mr. Robert Micco  
Falls Walk Developers LLC  
16715 West Park Circle  
Chagrin Falls, OH 44023

Dear Mr. Micco:

On August 26, 2009, I inspected storm water best management practices (BMPs) at the above referenced site. This was a routine inspection to assure that the control measures previously installed are being maintained in functional condition. Our records indicate that Falls Walk Developers has obtained coverage under the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities #3GC04297\*AG.

My inspection revealed that most of the control measures are functioning well. However, I noted the following maintenance concerns:

- The sediment trap located on S/L 9 requires clean out. The sediment storage volume is nearly full (see photo). Please remove accumulated sediments so as to restore the sediment storage volume as indicated in the Storm Water Pollution Prevention Plan (SWP3).
- Silt fence along Summit Street must be trenched in and anchored with backfill to assure that it is capable of ponding runoff. Several sections were not trenched and allow runoff to flow underneath the fence. Please repair.
- Although rock rip-rap was installed to create a spillway between the forebay and main chamber of the retention basin, the spillway is beginning to erode again. No geotextile was evident underneath the rip-rap. Geotextile is required under stone when it is used to construct spillways or outlet protection. Please rebuild the spillway using geotextile under the rip-rap and being sure to shape the spillway so that runoff flows through the center and not around the ends.

Part III.G.2.h of the NPDES permit requires all temporary and permanent control practices to be maintained and repaired as needed to ensure continued performance of their intended function. To ensure that control practices are being maintained, Part III.G.2.i requires site operators to inspect BMPs once every 7 days and within 24 hours of a 0.5-inch or greater rainfall and maintain an inspection checklist documenting the results of the inspection. The inspection checklist must include:

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- The inspection date;
- Names, titles and qualifications of personnel making the inspection;
- Weather information for the period since the last inspection, including rainfall estimates;
- Weather information during the inspection and a description of any discharge occurring at the time of inspection;
- The location of discharges of sediment and other pollutants from the site;
- The location of BMPs that need to be maintained;
- The location of BMPs that failed to operate as designed or proved inadequate for a particular location;
- The location where additional BMPs are needed but not installed at the time of inspection; and
- Corrective action required, including any changes to the SWP3 necessary, and the date that corrective action was implemented.

Please provide me with a letter of response indicating the actions you have taken to address these maintenance concerns. Include copies of your inspection checklist for the time period August 1, 2009, to September 15, 2009, and photos showing the repairs made to address the maintenance concerns noted in this letter. Your response must be received **no later than September 30, 2009**. Failure to comply with the NPDES permit is a violation of Ohio Revised Code 6111.04 and 6111.07 and is punishable by fines.

If you have any questions, please contact me at (330) 963-1145.

Sincerely,



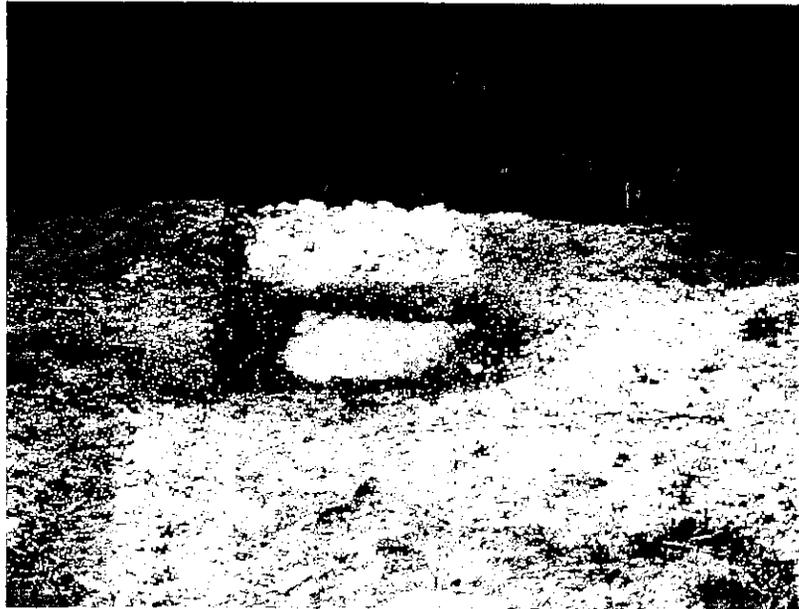
Dan Bogoevski  
District Engineer  
Division of Surface Water

DB/mt

cc: Ben Himes, Chief Administrative Officer, Village of Chagrin Falls  
Tim Lannon, Engineer, Village of Chagrin Falls  
Susan Hamilton, Hovancsek & Associates Inc.  
Todd Houser, Cuyahoga SWCD  
Verl Trushel Sr., Trushel Excavating Inc.

**FALLS WALK SUBDIVISION**  
Village of Chagrin Falls Cuyahoga County  
**Operator:** Falls Walk Developers LLC

**Photos Taken:** August 26, 2009  
**By:** Dan Bogoevski, DSW-NEDO



**Fig 1.** Sediment trap on S/L 9. Note that the runoff retained in the sediment storage volume is minimal, particularly when compared to other traps on this site. This is likely due to sediment accumulation in the trap. Please also review the construction of the embankment and outlet to be sure that the earthen dam that retains the normal pool of water extends to the top of the sediment storage volume and that the bottom of the rock dam that dewateres the trap does not extend lower than the top of the sediment storage volume.



**Fig 2 & 3.** Silt fence along Summit Street needs maintenance. Be sure it is trench in 6-8 inches, pulled tight and backfilled so that runoff ponds behind the fence and does not flow underneath.



Fig 4. There is no geotextile underneath the stone placed on the spillway between the forebay and main chamber of the sediment basin (future retention pond). Erosion is evident around the edges of the stone and must be repaired.



Fig 5-7. All other BMPs are working well and vegetation has established nicely.