



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

July 10, 2013

RE: LAKE COUNTY
CITY OF MENTOR
CONSTRUCTION STORM WATER
PERMIT NO: 3GC06369*AG
SHEETZ STORE

David Mastrostefano
Sheetz, Inc.
817 Brookfield Dr.
Seven Fields, PA 16046

Dear Mr. Mastrostefano:

On July 2, 2013, I conducted an inspection at the above mentioned site to determine compliance with the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities #3GC06369*AG. Accompanying me on my inspection was Julianna Murphy of our Division of Surface Water, Tim Wiley of the City of Mentor's Engineering Department and Mike Conway of Perry Construction Group. Our records indicate that Sheetz, Inc. was granted coverage to discharge storm water under the general NPDES permit for construction activities on August 15, 2012.

Upon our inspection of site, the following deficiencies were noted:

- Per NPDES Permit, the storm water pollution prevention plan (SWP3) is a "living document"; this means that everything on site must be shown on the plans and everything shown on the plans should be found on site. If changes to the site occur, mark this on the SWP3. **In particular, the back construction entrance must be shown on the SWP3.**
- **Silt fence has not been installed in a functional manner or has not been maintained as required by the NPDES Permit. (Figure 1)** All sediment controls, including silt fence, must be capable of ponding runoff in order to settle sediment. Silt fence must be trenched and backfilled and the joint stakes of the silt fence must be connected by twisting the stakes together prior to staking them into the ground. **Please ensure that all joints are twisted together and repair silt fence so that it is functional.** Silt fence must remain in place until the upslope contributing drainage area has reached final stabilization. (i.e., a vegetative growth density of 70% or greater has been achieved.)
- **Storm drain inlet protection has not been constructed per specifications contained in the SWP3.** We noted inlet protection constructed by encircling drains with silt fence and placing wood over top. (Figure 2) This has resulted in failed storm drain inlet protection. Please note that geotextile is to be supported by a wooden frame and cross braces constructed of 2"x4"s as well as wire mesh. Please review the specifications contained in the SWP3 and in *Rainwater and Land Development, Ohio's Standards for Stormwater Management, Land Development and Urban Stream Protection* (Ohio Department of Natural Resources, 2006), and install/repair inlet protection to meet these standards.

- **The Rock Construction Entrance was inadequate, resulting in sediment tracking off site. (Figures 3&4)** Specifications for a Rock Construction Entrance can be found in Chapter 7 of the *Rainwater and Land Development Manual*
- **Perry Construction Group, the day to day operator of the site, had never submitted a Co-Permittee NOI as required by the NPDES Permit.** *An e-mail from James Noble of Perry Construction dated July 8, 2013 informed that a Co-Permittee NOI had been recently submitted.*

Please provide a letter of response indicating any corrective actions **to be received no later than July 30, 2013.** If you have any questions, email me at Josh.Bewley@epa.ohio.gov or contact me at (330) 963-1128. If unavailable, you can also contact Dan Bogoevski at Dan.Bogoevski@epa.ohio.gov or (330) 963-1148.

Sincerely,



Josh Bewley
Assistant to the District Engineer
Division of Surface Water

JB:ddw

cc: Tim Wiley, Site Coordinator, Office of the City Engineer
Michael Conway, Project Superintendent, Perry Construction Group, Inc.
Kenneth J Filipiak, City Manager

ec: Dan Bogoevski, DSW, Ohio EPA, NEDO



Figure 1: Joints not properly tied off.



Figure 2: Inlet protection not properly constructed.



Figures 3&4: Rock Construction Entrance fails to prevent sediment from tracking onto street.