



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

January 2, 2013

RE: CUYAHOGA COUNTY
CITY OF BEACHWOOD
CONSTRUCTION STORM WATER
BEACHWOOD REHABILITATION HOSPITAL
PERMIT NO: 3GC05751

NOTICE OF VIOLATION

Mr. Brad Beyer
Cogdell Spencer Erdman
One Erdman Place
Madison, WI 53717

Dear Mr. Beyer:

On December 18, 2012, I performed a compliance inspection for storm water best management practices (BMPs) at the above referenced site. I was accompanied by Dan Bogoevski of the Ohio EPA and Randy Allar, Inspector with the GPD Group for the City of Beachwood. While on site, I met with Pat Dolan, Senior Project Superintendent with Erdman. Our records indicate that Cogdell Spencer Erdman has obtained coverage under the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities #3GC05751*AG.

Please be aware that all construction projects associated with the Beachwood Hospital Rehabilitation is part of the larger common plan of development and must be included within the NPDES permit coverage. Currently the 12" Water Main Extension and 8" Sanitary Extension Project along Harvard Road, as well as the spoil area to the northwest of the project site have not obtained NPDES permit coverage and therefore, the storm water discharge from these areas are **in violation with Ohio Revised Code 6111.04, which is punishable by fines**. In order to correct this violation, please submit a written request to expand the acreage to include these two areas. The request should be submitted to:

Ohio EPA
Attn: Michael Joseph, DSW
P.O. Box 1049
Columbus, OH 43216-1049

A check for the additional permit fees must accompany the request and should be made payable to the Treasurer of the State of Ohio. The additional fee to be paid is \$20 per whole acre greater than 5.99 acres. The \$200 previously paid does not have to be paid again.

In addition to this violation, my inspection of the site revealed the following deficiencies in storm water BMPs:

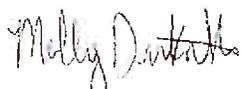
- **Storm drain inlet protection has not been constructed properly.** Inlet protection was constructed simply by encircling drains with filter socks. Please note that geotextile is to be supported by a wooden frame and cross braces constructed of 2"x4"s as well as wire mesh. Please review the specifications contained in the enclosure titled Storm Drain Inlet Protection from *Rainwater and Land Development, Ohio's Standards for Stormwater Management, Land Development and Urban Stream Protection* (Ohio Department of Natural Resources, 2006), and install inlet protection to meet these standards (such as Block and Gravel Drop Inlet Filter).
- **Silt fence and filter sock has not been installed in a functional manner or has not been maintained.** All sediment controls, including silt fence, must be capable of ponding runoff in order to settle sediment. Several stretches of silt fence were not trenched or backfilled and thus, were not capable of ponding runoff. The joint stakes of the silt fence also need to be connected by twisting the stakes together prior to staking them into the ground and sediment build up must be removed regularly. Please install/repair silt fence so that it is functional, particularly on the north end of the site and along the utility project. Replace silt fence in areas where it is missing or where there are holes in the silt fence. Due to maintenance concerns expressed by the City of Beachwood, it is recommended to relocate the silt fence upslope of the sidewalk area and utilize filter sock instead of silt fence along Harvard Road. Filter sock must be backfilled and staked. It 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, which is not expected to occur until the spring of 2013.
- **Stabilization, i.e., seeding and mulching, has not been initiated on the soil stockpile and utility line project area as required by the NPDES permit.** Temporary stabilization must be initiated within seven days of last disturbance on any disturbed area of the site if it will not be further disturbed within 21 days of last disturbance. Permanent stabilization must be initiated within seven days of reaching final grade. No temporary or permanent stabilization was evident on the stockpile area on the east side of the site or along the utility line. As we are now past the growing season, stabilization can be achieved either through mulching or dormant seeding. Specifications can be found in the Storm Water Pollution Prevention Plan (SWP3) or the *Rainwater* manual.
- The pond is currently being used as a sediment basin, but it will ultimately be converted to an extended detention basin. Upon conversion to the permanent basin, please be aware that the water quality orifice is to be **2" diameter as per the SWP3**. A 4" hole is currently in place. Please ensure that the appropriate medication is made once the site has reached final stabilization, i.e., a vegetative growth density of 70% or greater has been achieved which is not expected to occur until the spring of 2013.
- **The concrete washout pit is full.** A berm must be added to provide additional storage or the wastewater in the pit must be properly disposed. Wastewater may be able to be disposed of in the sanitary sewer system, please contact the operator of the sanitary sewer system for permission.

- **Trash/debris has blown offsite.** Please cleanup all trash regularly and placed in a covered dumpster. Grout appears to have been dumped on the northwest end of the project site. Please properly dispose of this material and any contaminated soil. Grout should be placed in a container and disposed of in the dumpster.

Please provide me with a letter of response indicating the actions taken to address the violations and deficiencies noted herein. Include any amendments to the SWP3 with your response. Your response should be received **no later than January 16, 2012.**

If you have any questions, please contact me at (330) 963-1215.

Sincerely,



Molly Drinkuth
Environmental Engineer
Division of Surface Water

MD/cs

cc: Matt Adkins, Project Engineer, GPD Group
Randy Allar, Inspector, GPD Group
Dave Smith, Project Superintendent, SiteTech, Inc
Pat Dolan, Senior Project Superintendent, Erdman
Merle S. Gorden, Mayor, City of Beachwood
Tom Krescko, Building Commissioner, City of Beachwood



Figure 1: Improper use of filter socks for inlet protection;
Filter sock not pinned thru/ backfilled; Stockpile to be stabilized



Figure 2: Silt fence to be replaced, repaired or installed
Sediment buildup to be cleaned out from front of fence



Figure 3: Relocate silt fence upslope of the sidewalk
Area to be stabilized through mulching or dormant seeding



Figure 4: Replace silt fence along utility line on wooded side
Install filter socks along roadway; Stabilize disturbed area



Figure 5: Concrete pit is full and close to overflowing.



Figure 6: Properly dispose of grout and contaminated soil
Regularly cleanup trash/debris (including any blown offsite)