



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

July 19, 2012

RE: LAKE COUNTY
CONCORD TOWNSHIP
AUBURN MEDICAL BUILDING
CONSTRUCTION STORM WATER
PERMIT NO: 3GC05957

Mr. Bill Joyce
Joyce Building Company
7070 Country Lane
Chagrin Falls, OH 44023

Dear Mr. Joyce:

On July 12, 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 our Division of Surface Water, and Chad Edgars of the Lake Soil and Water Conservation District. Our records indicate that the Joyce Building Company has obtained coverage under the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities #3GC05957*AG.

After review of the site and Storm Water Pollution Prevention Plan (SWP3), I noted the following deficiencies of the NPDES permit:

1. The SWP3 does not provide the elevations that the skimmer and critical storm orifice will be. The skimmer appears to be installed too high for the sediment basin on site. Please amend the SWP3 to show the elevations. The skimmer should be placed on a pad of rocks to prevent it from getting stuck in the mud.
2. There are areas of the site that have been disturbed by construction activity and have been idle for over 21 days. These areas must be stabilized. The offsite diversion needs to be stabilized immediately. The NPDES permit and notes on your SWP3 indicate that temporary stabilization of disturbed areas is to be initiated within 7 days of last disturbance if an area will remain idle for 21 days or longer. Permanent stabilization is to be initiated within 7 days of reaching final grade on areas at final grade. Due to the hot, dry weather, watering of the seed may be required to achieve germination and subsequent grass growth.
3. A berm should be built between the foundation of the building and the offsite diversion channel. Disturbed soil from the site is currently able to run into the offsite water.
4. The silt fence on the west side of the site has not been trenched and backfilled. The northeast corner of the side needs silt fence around it. There is no sediment control currently to keep the soil on site. Please install this silt fence correctly.
5. The emergency spillway does not have geotextile fabric under the stone, it does not extend to the basin, and it does not extend past the slope. The spill way should reach past the bottom of the slope to prevent erosion of the channel below. Please modify the spillway accordingly.

MR. BILL JOYCE
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You are directed to provide me with a letter of response indicating the actions that you have taken or will take to address the deficiencies noted above. Include any amendments to the SWP3 with your response. Your response must be received **no later than August 2, 2012**. 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) 963-1125 or by e-mail at Katie.Bowman@epa.state.oh.us.

Sincerely,



Katie Bowman
Assistant to the District Engineer
Division of Surface Water

KB:bo

attachments: Photos

pc: Chad Edgars, Lake SWCD
Township Trustees, Concord Township (7229 Ravenna Road Concord Twp, OH 44077)

INSPECTION PHOTOS

Auburn Medical Building



Figure 1: Skimmer device installed at a very high elevation

Figure 2: Skimmer should be placed on a pad of stone



Figures 3&4: Offsite diversion channel needs to be stabilized immediately.



Figure 5: Location where a berm needs to be installed between the building foundation and diversion channel

Figure 6: Stabilization needs to occur on the back half of the site



Figure 7: Silt fence along west side not trenched and backfilled



Figure 8: Northeast corner needs silt fence around it



Figure 9: Emergency spillway not built correctly

Concord Township, Lake County
Photos taken on July 12, 2012
Photos taken by Katie Bowman, DSW