



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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May 31, 2013

Mr. Tom Hannan
City of Beech Grove
806 Main Street
Beech Grove, Indiana 46107

Dear Mr. Hannan:

Re: Inspection Summary
Project: Lick Creek Bank Stabilization
IDEM No.: 2013-077-49-SKG-A
County: Marion

On May 16, 2013 a representative of the Indiana Department of Environmental Management (IDEM), Office of Water Quality, conducted an inspection of a property located at the Beech Grove Park near the intersection of 15th Avenue and 16th Avenue (hereinafter "the Site") located in Beech Grove, Marion County (Section 26, Township 15 North, Range 4 East). This inspection was conducted pursuant to Indiana Code (IC) 13-14-2-2. The inspection revealed violations of environmental statutes and rules, including those specified below.

On April 2, 2013, the IDEM granted Section 401 Water Quality Certification (WQC) for the discharge of fill material into Lick Creek, to help stabilize the stream banks. To reduce the adverse impacts to waters of the State of Indiana you proposed planting within the stabilization techniques (matting and retaining wall). The vegetation will be most effective at maturity stage.

During the inspection, the IDEM representative observed and documented construction the retaining wall had begun and was approximately 50 % complete. It was also noted that the installation of the wall was conducted as plans depict and as IDEM has approved. It will be critical that the seed mixture is planted as soon as possible to ensure prime growth as well as to begin to help stabilize the loose material used within the retaining wall.

The IDEM representative further inspected Lick Creek upstream of the construction area as well as the unnamed tributary to Lick Creek that runs east of the maintenance facility. It was noted that the unnamed tributary was heavy vegetated; where as vegetation along Lick Creek was maintained. The unruly appearance of a non-maintained stream may not be ideal for a park; however it provides great benefits to water quality. IDEM recommends the use of vegetation to help filter pollutants from runoff as well as decrease the "flashiness" of a stream which can reduce flooding and erosion.

It was also noted that Lick Creek upstream of the bridge is severely eroded and with the increase of street runoff from the main street separation project it is likely to become more extensive. There are some techniques the City could look into and potentially do themselves to help ensure the stability of the current stream bank construction project as well as help slow down the erosion of the area upstream of the bridge. Please keep in mind in project that requires fill within a stream is a regulated activity and the City should seek consultation from IDEM.

If you have any questions about this letter contact me at 317-234-6233 or you may contact the Office of Water Quality through the Indiana Department of Environmental Management Helpline (1-800-451-6027).

Sincerely,



Samantha Groce,
Project Manager
Wetlands and Storm Water Section
Surface Water, Operations, & Enforcement Branch
Office of Water Quality