



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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Governor

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August 12, 2011

Tom Bennington, President
Muncie Sanitary District
300 North High Street
Muncie, Indiana 47305

Dear Mr. Bennington:

Re: LTCP Review
Muncie Sanitary District
NPDES Permit IN0025631
Delaware County

The Indiana Department of Environmental Management (IDEM), Office of Water Quality (OWQ) has conducted a substantive review of Muncie's Combined Sewer Overflow (CSO) Long-Term Control Plan (LTCP) document submitted August 3, 2011.

The Muncie Sanitary District proposes Alternative B as its recommended method of controlling its CSOs. Alternative B includes separation of all the combined sewer areas. Based on the SWMM analysis, it is expected that remaining infiltration and inflow would exceed the existing Water Pollution Control Facility (WPCF) firm peak hour capacity of 30 MGD. Hence, the alternative also includes projects to build and implement a Wet Weather Pump Station with 76-MGD capacity and a 3 MG Wet Weather Retention/Treatment Facility, to provide treatment of flows predicted to exceed the 30 MGD capacity of the WPCF in "design storm" events during the implementation of the LTCP (implementation period 2020 through 2024). Upon full implementation of the LTCP in 2031, the Wet Weather Treatment Facility will be fully operational for treatment of peak flows, should they occur from a large storm event, without untreated discharge to the river. The influent structure of the Wet Weather facility would have an emergency overflow designated as a "prohibited" discharge. Upon implementation of the LTCP, the following level of control must be achieved:

- Elimination of all combined sewer overflows; and
- Conversion of the Muncie Sanitary District collection system from a combined to a separate sanitary sewer system.

Muncie proposes to fully implement their LTCP by December 31, 2031. LTCP implementation will be enforced through State Agreed Judgment No. 18C01-0709-CC-238. The estimated total capital cost for implementing the proposed plan is \$160,000,000.

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By this letter, IDEM recognizes Muncie's LTCP as an approvable document. Formal approval of the LTCP will be upon issuance of a modification, through a public process, of Muncie's NPDES permit No. IN0025631. The formal timeframe to implement the LTCP will initiate upon issuance of the permit modification. However, Muncie may begin implementing the LTCP immediately. IDEM intends to draft public notice the modification as soon as practicable.

Please contact Todd Trinkle at (317) 234-1003 or by e-mail at ttrinkle@idem.in.gov if you have questions regarding this letter.

Sincerely,



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

cc: Don Daily, OWQ/Inspections
Kevin Pierard, EPA Region V
John Barlow, Operations Manager
Barbara Smith, District Administrator
Eugene Amlin, P.E., Muncie Citizens' Advisory Committee