

STATE OF INDIANA

BEFORE THE BOARD OF FLOYD COUNTY COMMISSIONERS

RESOLUTION NO. FCR 97-VII

A RESOLUTION CONSENTING TO THE
CONSTRUCTION OF A
WASTEWATER TREATMENT FACILITY AT
LAFAYETTE ELEMENTARY SCHOOL

Whereas, the New Albany-Floyd County Consolidated School Corporation (the "School Corporation") is in the process of completing a significant expansion of and improvements to Lafayette Elementary School (now known as "Floyds Knobs Elementary School") in Floyds Knobs, Indiana; and,

Whereas, the existing wastewater treatment facilities at Floyds Knobs Elementary School are deemed inadequate to serve the needs of the expanded facility; and,

Whereas, the School Corporation has determined that it is necessary to cause a new wastewater treatment facility to be installed at Floyds Knobs Elementary School, and has accordingly contracted with The Reynolds Group for such purposes; and,

Whereas, the Indiana Department of Environmental Management ("IDEM") has issued the Wasteload Allocation attached as Exhibit A hereto, which allocation establishes effluent limits for water to be discharged from such new treatment facility to Little Indian Creek; and,

Whereas, Exhibit A requires documentation to be submitted to IDEM establishing that there are no objections to the construction of the proposed new treatment facility by either this Board of County Commissioners or the Floyd County Health Department.

NOW, THEREFORE, BE IT RESOLVED that this Board of County Commissioners of Floyd County, Indiana, has no objections to the construction of such proposed new treatment facility at Floyds Knobs Elementary School (formerly Lafayette Elementary School), and hereby consents to same.

So resolved this _____ day of June, 1997.

**BY THE BOARD OF COUNTY COMMISSIONERS
OF FLOYD COUNTY, INDIANA**

By: *Larry Demison*
Larry Demison, President of the Board

By: *Mary Lou Hammond*
Mary Lou Hammond, Commissioner

By: *Michael Schindler*
Michael Schindler, Commissioner



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

Michael O'Connor
Commissioner

May 22, 1997

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Mr. William A. Saegesser, President
Capitol Engineering
1601 Greentree Court
Clarksville, Indiana 47129

Dear Mr. Saegesser:

Re: Results of a Wasteload Allocation
For the Lafayette Elementary School
Floyd County

This letter is in response to your request for proposed effluent limitations for a proposed wastewater treatment plant (WWTP) upgrade. The proposed upgraded WWTP will be a Class I biomechanical treatment facility with an average design flow of either 0.018 mgd or 0.024 mgd with continuous discharge to Little Indian Creek (which has a $Q_{7,10}$ low-flow of 0.0 cfs) via Outfall 001.

The following effluent limits are appropriate for the aforementioned Class I biomechanical treatment plant with an average design flow of up to 0.05 mgd and having a continuous discharge to Little Indian Creek :

Parameter	Summer		Winter		Units
	Monthly Average	Weekly Average	Monthly Average	Weekly Average	
CBOD ₅	15.0	23.0	25.0	40.0	mg/l
TSS	18.0	27.0	30.0	45.0	mg/l
NH ₃ -N	1.3	1.9	1.9	2.8	mg/l
Parameter	Daily Minimum	Daily Maximum	Units		
pH	6.0	9.0	s.u.		
Dissolved Oxygen					
Summer	6.0	—	mg/l		
Winter	5.0	—	mg/l		

Exhibit A.

Mr. William A. Saegesser, President
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Flow must be measured. The mass limits for CBOD₅, NH₃-N and TSS are calculated by multiplying the design flow (in mgd) by the concentration and by 8.345. Disinfection of the effluent is required from April 1 through October 31, annually. If chlorine is used as the method of disinfection, the residual at the end of the chlorine contact tank must be no less than 0.5 mg/l nor greater than 1.0 mg/l to ensure disinfection. However, in order to protect aquatic life, the effluent must then be dechlorinated to the lowest detectable level. An alternate method of disinfection may be proposed, such as ultraviolet light, in which case E. coli monitoring is required. The effluent limitations for E. coli are 125 count/100 ml monthly average calculated as a geometric mean and 235 count/100 ml daily maximum. Inclusion of an ultraviolet light intensity meter may decrease the required monitoring frequency for E. coli.

The design of the facility may proceed based on the foregoing effluent limits. Before construction begins, a construction permit will be required. If you have any questions regarding design requirements of the construction permit, please contact Ms. Robin Feller at 317/232-8645.

Please provide this office with documentation that there are no objections to this project by the Floyd County Commissioners and the Floyd County Health Department.

The NPDES permit will not be issued until the construction permit is finalized.

If there are any questions regarding the NPDES permit requirements, please feel free to contact Mr. Gale Ferris at 317/232-8739.

Sincerely,



Catherine Hess, Chief
Municipal Permits Section
Office of Water Management

GHF/ghf

cc: Floyd County Health Department