

217.782.0610

August 23, 2004

Dear Friends:

Re: Village of Wauconda National Pollutant Discharge Elimination System (NPDES) Permit

On August 23, 2004, the Illinois EPA approved the NPDES permit for the expansion of the Wauconda wastewater treatment plant. In response to comments and upon developing additional information, the Agency made the following changes to the draft permit that will provide further protection of the environment:

- The permit issued in November 2000 contained a condition requiring the village of Wauconda to evaluate and report on the appropriateness of a federal pretreatment program. Wauconda produced the information and the U.S.EPA advised the Agency that Wauconda was not required to develop a pretreatment program. In December 2003, this condition was removed from the permit. However, the Agency is now requiring annual submission of an annual updated industrial user survey so that the Agency and the U.S. EPA may have current information to reevaluate whether a pretreatment program is warranted in the future. The December 2003 modification also removed the disinfection exemption.
- The Agency included nutrient control requirements in the permit in the form of a monthly average phosphorus concentration of 1 mg/L effective upon completion of the phase 1 expansion. This provides additional assurance that the expanded discharge will be protective of water quality and the Fiddle Creek Fen.
- The Agency added a special condition to the permit to study the dissolved oxygen profile of Fiddle Creek and the possible effects of nutrients downstream from the outfall. The study includes monitoring before and after the plant expansion and includes evaluation of the effectiveness of phosphorus removal equipment once it is installed. The purpose of the study is to further characterize the conditions of Fiddle Creek. It will provide information to confirm the adequacy of the permit conditions. The study condition enables the Agency to reopen the permit and add additional controls if warranted.
- Dissolved oxygen limits have been added to the permit for the expanded facilities.

The NPDES final permit and the accompanying responsiveness summary are accessible on the Agency website: [www.epa.state.il.us](http://www.epa.state.il.us)

Scroll down one-half page and click on: *See also: Public Notices*

In upper right corner, click on: **2003**

Click on: • **2003 NPDES Public Notices**

Scroll down to: **Village of Wauconda Wastewater Treatment Plant - Expansion**

Click on: **Final Permit** or **Responsiveness Summary**

If you require a paper copy of the NPDES permit and responsiveness summary, call the Agency toll-free number 888.372.1996 and leave a message identifying the document you are requesting, your name and a mailing address.

Sincerely,

A handwritten signature in black ink that reads "Alan Keller". The signature is written in a cursive style with a long, sweeping underline.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control