## ILLINOIS POLLUTION CONTROL BOARD March 1, 1979

VILLAGE OF IRVING,	)		
Petitioner,	)		
V •	)	PCB	78-309
ENVIRONMENTAL PROTECTION AGENCY,	)		
Respondent.	)		

OPINION AND ORDER OF THE BOARD (by Mr. Young):

This matter comes before the Board on a Petition for Variance by the Village of Irving filed December 22, 1978, seeking variance from Rules 203(c) and 402 of Chapter 3: Water Pollution, of the Pollution Control Board Rules and Regulations, as those rules apply to phosphorus. Hearing was waived by the Petitioner: an Agency Recommendation favorable to a grant of the variance requested was filed January 24, 1979.

The Village of Irving, 1970 population 599, located in Montgomery County, Illinois, has just completed construction of sewage treatment facilities consisting of two naturally-aerated lagoons followed by slow sand filters and chlorination facilities. Although there has been no discharge to date, the facility will discharge, under NPDES Permit No. IL0053881, to Little Creek which is tributary to the Middle Fork of Shoal Creek. Little Creek is an intermittent stream and at times the only flow therein results from the discharge (0.03 MGD) of the facility. Since the City of Hillsboro has constructed a dam across the Middle Fork of Shoal Creek, the facility would be limited to an effluent discharge containing a phosphorus concentration of no more than 0.05 mg/l by Rules 203(c) and 402 (Pet. 1, 2; Rec. 2).

The Village has examined alternative methods of compliance with the phosphorus limitations of Chapter 3; none are economically reasonable (Pet. 3, Rec. 3). The projected discharge of phosphorus is expected to be 2.5 pounds per day (Rec. 3).

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The Board is familiar with the problems facing municipal dischargers in meeting 0.05 mg/l phosphorus water quality and effluent standards. City of Hoopeston, PCB 76-234, 24 PCB 441; Southern Illinois University at Edwardsville, PCB 77-111, 25 PCB 775; Valley Water Company, Inc., PCB 77-146, 25 PCB 289.

In those and other cases, the Agency and the Board have recognized that it is economically impractical for the petitioners to comply with the current phosphorus limitation of Chapter 3. In addition, the Agency has petitioned the Board in regulatory proposal R76-1 for appropriate amendments to the phosphorus effluent and water quality standards of the Water Pollution Regulations and the Board has adopted a proposed final Order for publication and comment. If regulatory proposal R76-1 is adopted as now proposed, the Village of Irving would not be required to provide phosphorus removal.

The Board will direct the Agency to issue a new NPDES permit to Petitioner consistent with this Order pursuant to Rule 914 of Chapter 3 and to include phosphorus effluent limitations as may be reasonably achieved through the application of best practicable operation and maintenance practices in the existing facilities.

This Opinion constitutes the Board's findings of fact and conclusions of law in this matter.

## ORDER

- 1. The Village of Irving is granted a variance for the operation of its wastewater treatment plant from Rules 203(c) and 402 of Chapter 3: Water Pollution Rules and Regulations regarding phosphorus for five years from the date of this Order subject to the following condition:
  - (a) This variance will earlier terminate upon adoption by the Board of any modification of the existing phosphorus water quality standards and effluent limitations and the Village shall comply with such revised regulations when adopted by the Board.
- 2. Petitioner, within 30 days of the date of this Order, shall request Agency modification of NPDES permit to incorporate all conditions of the variance set forth herein.

- 3. The Agency, pursuant to Rule 914 of Chapter 3, shall issue a new NPDES permit consistent with the conditions set forth in this Order including appropriate monitoring requirements and such phosphorus effluent limitations as may reasonably be achieved through the application of best practicable operation and maintenance practices in the existing facilities.
- 4. Within forty-five (45) days of the date of this Order, the Petitioner shall submit to Enforcement Programs, Division of Water Pollution Control, Illinois Environmental Protection Agency, 2200 Churchill Road, Springfield, Illinois, 62706, an executed Certification of Acceptance and Agreement to be bound to all terms and conditions of the variance. The forty-five day period herein shall be suspended in the event of judicial review of this variance pursuant to Section 41 of the Environmental Protection Act. The form of said certification shall be as follows:

## CERTIFICATION

I, (We),	having read the				
Order of the Pollution Co	ontrol Board in PCB 78-309,				
understand and accept sai	d Order, realizing that				
such acceptance renders a	ll terms and conditions				
thereto binding and enforceable.					
-					
	SIGNED				
	TITLE				
	DATE				

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the  $10^{-6}$  day of  $10^{-6}$ , 1979 by a vote of  $10^{-6}$ .

Christan L. Moffett Clerk
Illinois Pollution Control Board