



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-781-1400

ROD R. BLAGOJEVICH, GOVERNOR

RENEE CIPRIANO, DIRECTOR

RECEIVED
CLERK'S OFFICE

JAN 21 2004

(217) 782-5544
TDD: (217) 782-9143

STATE OF ILLINOIS
Pollution Control Board

January 16, 2004

Dorothy Gunn, Clerk
Pollution Control Board
100 West Randolph Street
Suite 11-500
Chicago, IL 60601

RE: NOTICE OF PROVISIONAL VARIANCE APPROVAL
PV-2004-06

Dear Ms. Gunn:

Pursuant to Subsection 37(b) of the Environmental Protection Act (415 ILCS 5/37(b)), attached is a copy of the Illinois EPA's recent approval of a request for provisional variance. As you know, the Board must maintain for public inspection copies of all provisional variances filed with it by the Illinois EPA. Please feel free to call me at the number referenced above should you have any questions.

Sincerely,

Connie L. Tonsor
Associate Counsel
Division of Legal Counsel

Attachment

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

January 16, 2004

Village of Tilden)	
)	
Petitioner,)	
)	
v.)	
)	IEPA-2004-06
ILLINOIS ENVIRONMENTAL PROTECTION)	(Provisional Variance- Water)
AGENCY,)	
)	
Respondent.)	
)	

Re: Provisional Variance From 35 Ill. Adm. Code 304.120(a) for CBOD₅, and 304.120(a) for Suspended Solids
NPDES Permit # ILG580107

Dear Village President McBride:

The Agency has completed its technical review of the attached provisional variance request submitted by the Village of Tilden on November 25, 2003. Based on the review, the Agency GRANTS the requested provisional variance subject to specific conditions set forth below for a period of 45 days.

The Village of Tilden seeks a provisional variance to replace existing pipes and valves in the draw off structures in both cells of its wastewater treatment facility. The control valves and piping in the draw off structures and the outfall pipe are severely deteriorated making operation of the facility in a manner to comply with discharge limitations difficult, if not impossible, under heavy flow conditions. The Village intends to replace the valves and pipes and has received an emergency grant from Department of Commerce and Economic Opportunity for this project. The Village will attempt to lower the cell levels while maintaining compliance with the limits in its National Pollutant Discharge Elimination System ("NPDES") Permit ILG580107 prior to the start of construction. Upon completion of repairs, the wastewater treatment facility will be able to comply with the NPDES permit limits.

The Agency's review of the requested provisional variance has concluded the following:

1. The environmental impact from the proposed activity should be minimal;
2. No other reasonable alternative appears available;
3. No public water supplies should be affected;
4. No federal regulations will preclude the granting of this request; and

5. The Village will face an arbitrary and unreasonable hardship if the request is not granted.

The Agency hereby GRANTS the Village of Tilden a provisional variance from 35 Ill. Adm. Code 304.120(a) for CBOD₅ and suspended solids for a period of 45 days beginning January 19, 2004, subject to the following specific conditions:

- A. During the variance period, the effluent from the Village's wastewater treatment facility shall meet monthly average concentrations of 70 mg/l for CBOD₅ and 70 mg/l for suspended solids.
- B. The Village shall notify Barb Conner of the Agency by telephone at 217/782-9720 when construction starts and again when construction is completed. Written confirmation of each notice shall be sent within five days to the following address:

Illinois Environmental Protection Agency
Bureau of Water – Water Pollution Control
Attention: Barb Conner
1021 North Grand Avenue East, MC #19
P.O. Box 19276
Springfield, Illinois 62794-9276

- C. The Village shall sign a certificate of acceptance of this provisional variance and forward that certificate to Barb Conner at the address indicated above within ten days of the date of this order. The certification should take the following form:

I (We) _____, hereby accept and agree to be bound by all terms and conditions of the provisional variance granted by the Agency in _____ dated _____.

Petitioner

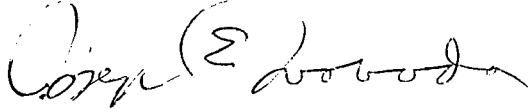
Authorized Agent

Title

Date

- D. The Village shall continue to monitor and maintain compliance with all other parameters and conditions specified in its NPDES Permit No. ILG580107.

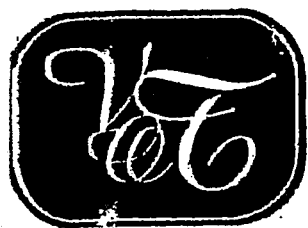
Sincerely,

A handwritten signature in cursive script, appearing to read "Joseph E. Svoboda".

Joseph E. Svoboda
Chief Legal Counsel

Enclosure

CC: IPCB, Clerk



Mayor
Willard McBride

Village
Of Tilden
P.O. Box 342 Tilden, Illinois 62292
Phone: (618) 587-5191

Clerk
Verna Rieckenberg

25 November 2003

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section
P.O. Box 19276 MC #19
Springfield, IL 62794-9276

RECEIVED
DEC 01 2003
IEPA

RE: VILLAGE OF TILDEN
NPDES PERMIT ILG580107
PROVISIONAL VARIANCE REQUEST

Dear Sir:

I am requesting a Provisional Variance to allow the Village of Tilden to replace existing pipes and valves in the draw off structures in both cells of the wastewater treatment facility. The existing pipes and valves leak making it difficult to control cell levels and the level at which water is drawn off the cells. The Village has received an emergency grant from Department of Commerce and Economic Opportunity (DCEO) for this project and Construction Permit No. 2003-AB-5203 issued by the Permit Section for this work.

The following is the information requested under Section 180.202.b Items 1-13.

1. The Village of Tilden requests variance from NPDES Permit ILG580107 CBOD₅ and Suspended Solids Concentration Limits. The permit monthly average concentration limits are 25 mg/l for CBOD₅ and 37 mg/l for Suspended Solids. The Village requests a variance to increase the monthly average to 70 mg/l for CBOD₅ and 70 mg/l for Suspended Solids.
2. The Tilden Wastewater Treatment Facility is located in the NE 1/4 of Section 7 T. 4 S., R. 5 W. of the 3rd Principal Meridian in Randolph County. The facility serves 940 people and is designed for a PE of 1025.
3. The facility treats wastewater collected by the Tilden sanitary sewer collection system.
4. A maximum of 10 million gallons of water with CBOD₅ and Suspended Solids exceeding the permit limits may be discharged. The Village will attempt to lower the cell levels while maintaining compliance with permit limits prior to the start of construction. This could lower the volume discharged under variance to approximately 3.5 million gallons. The facility discharges to unnamed tributary to Plum Creek to the Kaskaskia River to the Mississippi River.
5. N/A

6. Adverse environmental impacts may be a temporary increase in CBOD₅ and Suspended Solids in the receiving stream. The impact is expected to be minimal. The facility may have no discharge for 30 to 60 days after repairs are completed. Future discharges are expected to be in compliance with permit limits.

7. The control valves and piping in the draw off structures and the outfall pipe are severely deteriorated making operation of the facility in a manner to comply with discharge limitations difficult, if not impossible, under heavy flow conditions. The Village desires to replace the valves and pipes and has received an emergency grant from DCEO for this purpose.

The draw off structures are located in the lagoon cells. The cells need to be dewatered to allow access by personnel and equipment to complete the repairs.

8. The facility will be able to comply with permit limits after the repairs are completed. The repairs are expected to be completed within 45 days or less after the first cell is dewatered.

9. The other alternative considered was installing sheet metal piling to provide a cofferdam at each draw off structure. This option will be expensive and could damage the cell bottom seal allowing seepage from the lagoon cells into the soils beneath the cells.


10. The Village requests the variance beginning January 19, 2004 for a period not to exceed 45 days.

11. No provisional variances have been granted the Village of Tilden within the calendar year.

12. Monthly samples have exceeded the permit limits for Suspended Solids five times in the last 12 months and once for CBOD₅. These were in months with high precipitation. The condition of the existing pipes and valves in the draw off structures does not allow the Village to regulate cell levels, draw off levels and flows to operate the facility efficiently.

13. There are no current Board Orders or matters concerning the Village of Tilden before the Board.

Very truly yours,


Willard McBride
Village President

cc: James E. Johnson, So. Eng.