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DEC - 5 2003

STATE OF ILLINOIS  
Pollution Control Board

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

December 4, 2003

City of Polo	)	
	)	
Petitioner,	)	
	)	
v.	)	
	)	<b>PV-2004-05</b>
ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	(Provisional Variance- Water)
	)	
Respondent.	)	
	)	

Re: Extension of Provisional Variance From 35 Ill. Adm. Code 302.212 for Ammonia Nitrogen, 304.120(c) for CBOD<sub>5</sub>, and 304.120(c) for Suspended Solids  
NPDES Permit # IL0030449

Dear Mayor Oosten:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the November 26, 2003 request from the City of Polo (City) for an extension to its provisional variance (copy attached). The provisional variance is from 35 Ill. Adm. Code 302.212 for ammonia nitrogen, and 304.120(c) for CBOD<sub>5</sub> and suspended solids. The Illinois EPA granted the provisional variance on November 7, 2003, for the 45-day period from October 14, 2003, through November 27, 2003 (copy attached). For the reasons discussed below, the Illinois EPA has decided to GRANT the City's request for an extension.

The City received provisional variance to replace the center column of the rotary distributor mechanism in the secondary trickling filter process. The City has requested an additional 45 days because an error occurred during the manufacturing of one of the trickling filter parts, thus delaying the installation. The City expects the new equipment to be installed during the week of December 8, 2003, and to be on line and operational by the week of December 15, 2003. Units that remained in operation during the term of the provisional variance include fine screening, primary settling, final settling, tertiary aerated lagoon, wet weather flow lagoon, anaerobic digestion and sludge drying beds. These units will remain operational during the 45-day extension.

Based on the review of the City's request for an extension to its provisional variance, the Illinois EPA has concluded that:

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 City will face an arbitrary and unreasonable hardship if the request is not granted.

The Illinois EPA hereby GRANTS the City an extension to the provisional variance from 35 Ill. Adm. Code 302.212 for ammonia nitrogen, from 35 Ill. Adm. Code 304.120(c) for CBOD<sub>5</sub>, and total suspended solids. The provisional variance will be extended for a 45-day period beginning December 3, 2003, through January 16, 2004, and is subject to the same specific conditions contained in the provisional variance, namely:

- A. During the variance period, the City's effluent shall meet the monthly average concentrations of 50 mg/l for CBOD<sub>5</sub>, 50 mg/l for total suspended solids, and 6.4 mg/l for ammonia nitrogen.
- B. During the variance period, the City's effluent shall meet the daily maximum concentrations of 75 mg/l for CBOD<sub>5</sub>, 75 mg/l for total suspended solids, and 8.5 mg/l for ammonia nitrogen.
- C. The City shall notify Jay Balmer of the Illinois EPA 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
- D. The City shall sign a certificate of acceptance of this provisional variance and forward that certificate to Jay Balmer 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 Illinois EPA in \_\_\_\_\_ dated \_\_\_\_\_.

\_\_\_\_\_  
Petitioner

\_\_\_\_\_  
Authorized Agent

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

- E. The City shall continue to monitor and maintain compliance with all other parameters and conditions specified in its National Pollutant Elimination Permit No. IL 0030449.

The Illinois EPA grants this provisional variance in accordance with its authority contained in Sections 35(b), 36(c), and 37 (b) of the Illinois Environmental Protection Act (415 ILCS 5/35(b), 36(c), and 37(b)) (2002). The decision to grant this provisional variance is not intended to address compliance with any other applicable laws or regulations.

Sincerely,

*Joseph E. Svoboda*  
Joseph E. Svoboda  
Chief Legal Counsel

Enclosure

cc: IPCB, Clerk

Matt Hansen, P.E., Willett, Hofmann & Associates, Inc.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

November 7, 2003

City of Polo )  
 )  
 Petitioner, )  
 )  
 v. )  
 ) **PV-2004-03**  
 ENVIRONMENTAL PROTECTION AGENCY, )  
 ) (Provisional Variance- Water)  
 )  
 Respondent. )  
 )

Re: Provisional Variance From 35 Ill. Adm. Code 302.212 for Ammonia Nitrogen,  
304.120(c) for CBOD<sub>5</sub>, and 304.120(c) for Suspended Solids  
NPDES Permit # IL0030449

Dear Mayor Oosten:

On October 14, 2003, and October 17, 2003, the Illinois Environmental Protection Agency (Illinois EPA) received the attached in which the City of Polo (City) requested a provisional variance from 35 Ill. Adm. Code 302.212 for ammonia nitrogen, and 304.120(c) for CBOD<sub>5</sub> and suspended solids. For the reasons discussed below, the Illinois EPA has decided to GRANT the City's request.

The City seeks a provisional variance to replace the center column of the rotary distributor mechanism in the secondary trickling filter process. Units that will remain in operation during the term of the provisional variance include fine screening, primary settling, final settling, tertiary aerated lagoon, wet weather flow lagoon, anaerobic digestion and sludge drying beds.

Based on its review, the Illinois EPA 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 City will face an arbitrary and unreasonable hardship if the request is not granted.

The Illinois EPA hereby GRANTS the City a provisional variance from 35 Ill. Adm. Code 302.212 for ammonia nitrogen, from 35 Ill. Adm. Code 304.120(c) for CBOD<sub>5</sub>,

and total suspended solids. The provisional variance will run for a 45-day period beginning October 14, 2003, through November 27, 2003, and is subject to the following specific conditions:

- A. During the variance period, the City's effluent shall meet the monthly average concentrations of 50 mg/l for CBOD<sub>5</sub>, 50 mg/l for total suspended solids, and 6.4 mg/l for ammonia nitrogen.
- B. During the variance period, the City's effluent shall meet the daily maximum concentrations of 75 mg/l for CBOD<sub>5</sub>, 75 mg/l for total suspended solids, and 8.5 mg/l for ammonia nitrogen.
- C. The City shall notify Jay Balmer of the Illinois EPA 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

- D. The City shall sign a certificate of acceptance of this provisional variance and forward that certificate to Jay Balmer 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 Illinois EPA in \_\_\_\_\_ dated \_\_\_\_\_.

\_\_\_\_\_  
Petitioner

\_\_\_\_\_  
Authorized Agent

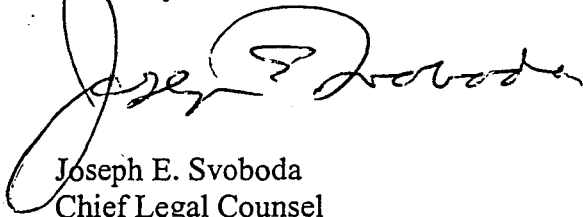
\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

- E. The City shall continue to monitor and maintain compliance with all other parameters and conditions specified in its National Pollutant Elimination Permit No. IL 0030449.

The Illinois EPA grants this provisional variance in accordance with its authority contained in Sections 35(b), 36(c), and 37 (b) of the Illinois Environmental Protection Act (415 ILCS 5/35(b), 36(c), and 37(b)) (2002). The decision to grant this provisional variance is not intended to address compliance with any other applicable laws or regulations.

Sincerely,



Joseph E. Svoboda  
Chief Legal Counsel

Enclosure

CC: IPCB, Clerk

Matt Hansen, P.E., Willett, Hofmann & Associates, Inc.

# WILLETT, HOFMANN & ASSOCIATES, INC.

CONSULTING ENGINEERS

809 EAST SECOND STREET  
DIXON, ILLINOIS 61021  
815 284-3381 FAX 815 284-3385  
EMAIL info@willett-hofmann.com  
WEBSITE www.willett-hofmann.com

C.K. WILLETT, P.E., P.L.S.  
1905-1971

ROBERT HOFMANN, P.E., S.E., P.L.S.  
1921-1999

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November 26, 2003

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Illinois Environmental Protection Agency  
Bureau of Water  
Division of Water Pollution Control  
Compliance Assurance Section  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attn: Michael Garretson

Re: City of Polo, Illinois  
Wastewater Treatment Plant  
NPDES Provisional Variance Extension

Dear Mr. Garretson:

On behalf of the City of Polo, we request an additional 45-day extension on their Wastewater Treatment Plant Provisional Variance No. PV-2004-03.

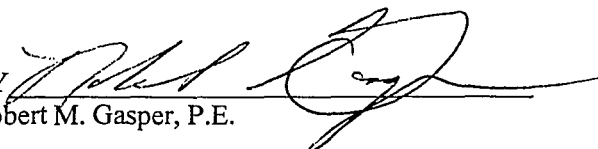
The additional time is required due to an error during the manufacturing of one of the trickling filter parts. The manufacturer caught the error during quality control and is in the process of remanufacturing the part. Installation of the new equipment is expected during the week of December 8, 2003, with the unit on line and operational by the week of December 15, 2003. Typical of most biological treatment processes, some start up process time will be required to bring the parameters, thus the request for the 45-day extension.

All discharge parameters and conditions as outlined in Provisional Variance No. PV2004-03 would continue to be followed and adhered to by the City of Polo.

Should you have any questions, please feel free to call Matt Hansen or me at (815) 284-3381.

Sincerely,

WILLETT, HOFMANN & ASSOCIATES, INC.

BY   
Robert M. Gasper, P.E.

RMG:rv

cc: Jeff Van Oosten, Mayor  
Susie Corbett, City Clerk  
Richard Jacks, Alderman  
Mike Gauthier, WWTP Operator  
File