

ILLINOIS POLLUTION CONTROL BOARD
June 8, 1989

CITY OF GRANITE CITY,)
(MADISON COUNTY))
)
Petitioner,)
)
v.) PCB 89-99
)
ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY,)
)
Respondent.)

OPINION AND ORDER OF THE BOARD (by J. Marlin):

This matter comes before the Board upon a recommendation filed by the Illinois Environmental Protection Agency ("Agency") on June 7, 1989 recommending that the Board grant a 45-day extension to a provisional variance previously granted to Granite City in PCB 89-75. Granite City requests this variance from 35 Ill. Adm. Code 304.141 to allow time to do necessary repairs and improvements on the final clarifiers at its wastewater treatment plant. Granite City Regional Wastewater Treatment Plant consists of an activated sludge system designed to treat 23 MGD. Effluent is discharged to Chain of Rock Barge Canal, which is a side channel of the Mississippi River.

Granite City received from the Board a provisional variance on April 27, 1989 (PCB 89-75). The variance began on May 9, 1989, when #1 and #2 final clarifiers were taken out of operation and will continue until June 24, 1989 (45 days). Granite City has stated that the repair work on the clarifiers will not be completed by June 24, 1989 due to the "extensive unanticipated damage existing in the wall separating the #2 and #3 final clarifiers that must be repaired." (Variance Extension Request at 4).

Granite City has stated that more concrete than anticipated will need to be poured to repair the wall between the two clarifiers. This will result in such a delay that "it will not be ready for installation of the newly arriving (June 8, 1989) #3 travelling bridge, and, in fact may not be ready until after the #1 clarifier travelling bridge is scheduled to arrive on July 15, 1989." (Variance Extension Request at 4). The Agency states that it agrees with Granite City that additional time is needed to complete this necessary repair work.

Granite City has stated that "through 3 weeks of experience, we no longer feel confident that we can attain the 60 mg/l TSS level requested in the original variance request." (Variance Extension Request at 4). Granite City has also requested "that the allowable TSS concentration in the extended provisional variance, and in the current provisional variance [PCB 89-75] be modified to be 90 mg/l, while all other parameters remain the same as granted." (Variance Extension Request at 4).

The Agency states that it agrees with Granite City that "since about half of the discharge will receive secondary treatment and the remaining half will receive primary treatment that the environmental impact on the Mississippi River will be minimal." (Agency Rec. at 2). The Agency also agrees with Granite City that denial of this provisional variance extension petition would create an arbitrary and unreasonable hardship upon Granite City. According to the Agency, this is based on the fact that the repair work has begun and Granite City has discovered more extensive damage than anticipated which will require more time to repair.

The Agency states that there are no federal regulations which would preclude the granting of this variance, and that the Agency is not aware of any public water supplies which would be adversely affected by granting this provisional variance.

The Board having received notification from the Agency that compliance on a short term basis with the effluent limitations imposed by 35 Ill. Adm. Code 304.141 would impose an arbitrary or unreasonable hardship upon Granite City, and the Board concurring in that notification, will grant Granite City's provisional variance, subject to the conditions suggested by the Agency.

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

ORDER

1. Granite City is hereby granted provisional variance from 35 Ill. Adm. Code 304.141, subject to the following conditions:
 - a. Variance shall commence on June 25, 1989 and continue for a period of 45 days or until a second clarifier is put back into service, whichever occurs first.
 - b. Granite City shall notify Nick Mahlandt of the Agency's Collinsville Regional Office via telephone at 618/346-5120 when the repair work is completed. Written confirmation shall be sent within 5 days to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
2200 Churchill Road, P.O. Box 19276
Springfield, IL 62794-9276
Attention: Barb Conner

- c. Granite City's effluent during this variance shall be limited to the requested limits, as follows:

	Monthly Average Limits	
	<u>NPDES Permit</u>	<u>Requested Variance</u>
BOD ₅ mg/l	20	75
TSS mg/l	25	90
Total Iron mg/l	2.0	4.0
Total Cyanide mg/l	0.1	0.2
Mercury mg/l	0.0005	0.001
Fecal Coliform	<400/100 ml	N/A*

*Granite City will chlorinate the < 6 MGD receiving secondary treatment to a level within the <400/100 ml limit.

- d. Granite City's TSS effluent limits for the current provisional variance (PCB 89-75) shall be modified to 90 mg/l monthly average.
- e. Granite City shall monitor the effluent from its treatment plant for the parameters as listed in NPDES permit #ILO033481.
- f. During this provisional variance, Granite City shall operate its wastewater treatment facility so as to produce the best effluent practicable. Additionally, Granite City shall perform the necessary replacement work at the plant as expeditiously as possible so as to minimize the period of time that the portion of the plant is out of service.
2. Within 10 days of the date of this Order, Granite City shall execute and submit a Certificate of Acceptance and Agreement which shall be sent to Barb Conner at the address indicated above.

This variance shall be void if Petitioner fails to execute and forward the certificate within forty-five day period. The

forty-five day period shall be held in abeyance during any period that this matter is being appealed. The form of said Certification shall be as follows:

CERTIFICATION

I, (We), The City of Granite City, having read the Order of the Illinois Pollution Control Board, in PCB 89-99, dated June 8, 1989, understand and accept the said Order, realizing that such acceptance renders all terms and conditions thereto binding and enforceable.

Title

Date

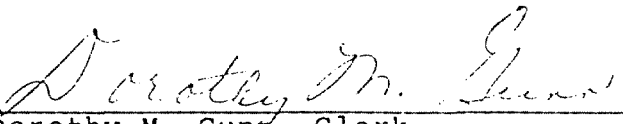
Petitioner

By: Authorized Agent

Section 41 of the Environmental Protection Act, Ill. Rev. Stat. 1987 ch. 111 1/2 par. 1041, provides for appeal of Final Orders of the Board within 35 days. The Rules of the Supreme Court of Illinois establish filing requirements.

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Opinion and Order was adopted on the 8th day of June, 1989, by a vote of 6-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board