

ILLINOIS POLLUTION CONTROL BOARD
April 27, 1989

CITY OF GRANITE CITY,)
(MADISON COUNTY))
)
Petitioner,)
)
v.) PCB 89-75
)
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 April 25, 1989 recommending that the Board grant a 45-day provisional variance to Granite City. 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 states in its application for provisional variance that "the plant has experienced unreliable performance from the bridge-type sludge removal mechanisms serving the 4 clarifiers". (Variance Request at 1). Granite City plans to "remove the 2 existing travelling bridges, repair structural and mechanical damage to the clarifiers, and replace the 2 travelling bridges with 4 lighter, more dependable and flexible bridges". (Variance Request at 2).

Granite City further states that "the travelling bridges have caused significant structural and mechanical damage to the final clarification system". (Variance Request at 1). Granite City has presented a plan to correct the present situation and hopefully avoid it from happening again. According to the Agency, the alternative, to do nothing, will result in more damage to the clarifiers, longer repair time and a more degraded effluent quality. The Agency believes that Granite City has chosen the best alternative for correcting the problem.

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. Further, the Agency agrees with Granite City that denial of this provisional variance petition would create an arbitrary and unreasonable hardship upon Granite City, as failure to quickly correct this problem will result in additional damage to its treatment facility.

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 when #1 and #2 final clarifiers are taken out of operation and continue for a period of 45 days or until the clarifiers are put back into use, whichever occurs first.
 - b. Granite City shall notify Nick Mahlandt of the Agency's Collinsville Regional Office via telephone at 618/997-4392 when they begin draining #1 and #2 final clarifiers and when the repair work is completed. Written confirmation of each notification 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	60
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	¼400/100 ml	N/A*

*Granite City will chlorinate the ¼ 6 MGG receiving secondary treatment to a level within the 400/100 ml limit.

- d. Granite City shall monitor the effluent from its treatment plant for the parameters as listed in NPDES permit #IL0033481.
 - e. 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, Petitioner 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 89-75, dated April 27, 1989, understand and accept the said Order, realizing that such acceptance renders all terms and conditions thereto binding and enforceable.

Petitioner

By: Authorized Agent

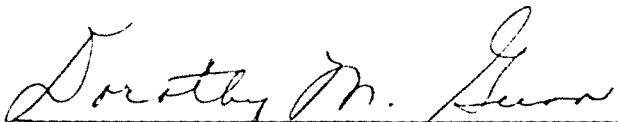
Title

Date

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 27th day of April, 1989, by a vote of 7-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board