

ILLINOIS POLLUTION CONTROL BOARD  
January 9, 1974

Village of Carrier Mills, Illinois )  
    Petitioner )  
    v. ) PCB 74-362  
Environmental Protection Agency )  
    Respondent )

OPINION and ORDER of the BOARD (by Mr. Zeitlin)

This is a petition for variance from the Village of Carrier Mills for relief from the 0.02 mg/l standard for copper in Chapter 3, Rule 203 (f) of the Board's Water Pollution Regulations, in order to apply copper sulfate as an algicide in its water storage reservoir. Petitioner originally filed on October 7, 1974, and re-filed with additional information, pursuant to Board order, on November 1, 1974.

The variance requested was for one treatment in 1974 and four treatments in 1975, as follows:

<u>Date</u>	<u>Dosage</u>
Nov. 15, 1974	100 lb.
Feb. 15, 1975	100 lb.
Apr. 15, 1975	100 lb.
June 15, 1975	150 lb.
Sept. 15, 1975	100 lb.

The Agency estimates that for the 100 lb. dosage per treatment by the petitioner in its 11,000,000 gallon reservoir, the copper sulfate levels should not exceed 0.27 mg/l.

Carrier Mills had previously received a variance in PCB 73-131 on June 14, 1973 for the same purpose.

The Agency Recommendation, filed on December 5, 1974, would allow the variance, but limit the dates and amounts of dosage to two treatments of one hundred pounds each in October and November, 1974. The Agency notes the seriousness of the algae problem for public water supplies and the lack of adequate alternate treatment methods, as has this Board in *City of Staunton v. EPA* (PCB 74-345). The failure of copper sulfate treatment to adversely affect health over 27 years of use by Carrier Mills, and the minor, short term deviation from 203 (f) standards, has also been taken into consideration by the Agency.

No hearing was held.

On November 22, 1974, the Board adopted Chapter 6, Public Water Supplies (R 73-13). Rule 203 of that Chapter now governs the use of copper sulfate in public water supplies, and requires a public water supply operator to secure a permit from the Agency. This rule now being in effect, those portions of the petition relating to treatments in 1975 will be dismissed as moot, and petitioner Carrier Mills advised to seek the proper permit.

As to the variance request by Carrier Mills for a November 15, 1974 copper sulfate treatment, neither petitioner nor the Agency have made any indication of whether said treatment was in fact performed. Without such information, the Board will not address itself to that issue.

This Opinion constitutes the findings of fact and conclusions of law of the Board.

ORDER

IT IS THE ORDER OF THE POLLUTION CONTROL BOARD THAT:

1. Those portions of this petition applying to copper sulfate treatment in 1975 are dismissed as moot.
2. That part of this petition applicable to November 15, 1974 is dismissed without prejudice.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted by the Board on the 9<sup>th</sup> day of January 1975, by a vote of 5 to 0.

  
Christan L. Moffett, Clerk