

ILLINOIS POLLUTION CONTROL BOARD  
September 5, 1974

VILLAGE OF ASHLAND )  
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 )  
 v. ) PCB 74-219  
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 ENVIRONMENTAL PROTECTION AGENCY )  
 )

OPINION AND ORDER OF THE BOARD (by Mr. Dumelle):

On June 12, 1974 a petition for variance from Rule 203(f) of the Water Pollution Regulations was filed. It asks that the Village be allowed to dose its water supply reservoir with copper sulfate above the limit of 0.02 mg/l set by the Rule in order to prevent algal growth.

The petition states that copper sulfate has been introduced into the reservoir at 6-week intervals between the months of April and October for each year since 1965 with no observable adverse effects on aquatic life.

On June 13, 1974 the Board entered an order asking for data as to the actual copper levels in the raw water intake resulting from the 1973 dosages with copper sulfate. The Village on August 13, 1974, some 60 days after the entry of the order (which granted 45 days), has responded with the needed information. The levels are not excessive.

On August 5, 1974 the Agency filed its recommendation and in essence recommends a grant of the variance. It notes with displeasure that the Village did not follow the Board's order in PCB 73-328 (September 20, 1973) and did not report its copper analyses to the Agency. The Village also treated into November although restricted to October of 1973 by that order.

The Agency computes that a dosage of 100 lbs. of  $\text{CuSO}_4$  would result in a copper concentration of 0.17 mg/l in the reservoir, assuming equal dispersion. It recommends one treatment per month from June 1974 through and including October 1974 not to exceed 100 lbs. of  $\text{CuSO}_4$  per treatment and other conditions such as limits in the raw water intake and reporting requirements.

We grant the variance but admonish the Village to timely file responses to Board orders and to fully comply with reporting and treatment conditions. We note that algicide permit power may be granted to the Agency under a regulatory proceeding now pending (R73-13, Public Water Supply Regulations).


ORDER

1. The Village of Ashland is granted variance from Rule 203(f) of the Water Pollution Regulations in order to exceed copper concentrations of 0.02 mg/l in its water supply reservoir during 1974.
2. Treatment shall be once per month (or less) for the months of June through October 1974 not to exceed more than 100 lbs. of copper sulfate per treatment.
3. Copper concentrations in the raw water intake to the treatment plant shall never exceed 1.0 mg/l.
4. Measurements for copper shall be taken in the reservoir before and after treatment and in the raw water intake after treatment and reported to the Agency monthly.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the 5<sup>th</sup> day of September, 1974 by a vote of

5-0.

  
Christan L. Moffett, Clerk  
Illinois Pollution Control Board