

ILLINOIS POLLUTION CONTROL BOARD  
September 20, 1973

VILLAGE OF ASHLAND )  
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 )  
 v. ) PCB 73-328  
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 ENVIRONMENTAL PROTECTION AGENCY )  
 )

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

Petition for variance from Rule 203(f) of the Water Pollution Regulations to exceed the water quality standard of 0.02 mg/l for copper by using copper sulfate for algae control was filed August 8, 1973.

The Environmental Protection Agency filed its recommendation on September 10. It recommends a grant of the variance subject to conditions listed in the order below.

In previous opinions of the Board (City of Mount Olive, et al, PCB 73-124, August 9, 1973 and City of Freeburg v. EPA, PCB 73-312, September 6, 1973) we have granted variances this year for control with copper sulfate in order to prevent taste and odors in the water supply. We have pointed out, however, that alternatives consisting of other algicides exist as well as the possibility of selected stocking with algae-eating fish. The Agency recommendation describes the "final report" by Dr. Charles Muchmore of Southern Illinois University. We have had the interim report submitted to us on May 30, 1973 but to date have not received the final report.

We grant the variance but ask that the Agency and Institute for Environmental Quality furnish the final report as soon as possible in order that we may complete our evaluation of the alternative solutions to the algae problem as future cases come up for decision.


ORDER

1. Variance is granted to exceed the 0.02 mg/l water quality standard for copper in Rule 203(f) in order to apply copper sulfate to the Ashland water supply reservoir for the period of August through October, 1973 inclusive.
2. Treatments shall not exceed one per month for the period stated. Not more than 100 lbs. of copper sulfate shall be used per treatment.

3. The copper concentration in the raw water intake shall never exceed 1.0 mg/l.
4. Copper concentration in the water supply reservoir shall be measured before and after each treatment and reported to the Agency on a monthly basis.

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 20<sup>th</sup> day of September, 1973 by a vote of 5-0.

  
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Christan L. Moffett, Clerk  
Illinois Pollution Control Board