

ILLINOIS POLLUTION CONTROL BOARD
May 3, 1984

IN THE MATTER OF:)
)
AMENDMENTS TO 35 ILL ADM. CODE 604.203) R84-12
AND 605.104 OF SUBTITLE F: PUBLIC)
WATER SUPPLIES (Trihalomethanes))

Inquiry Hearings.

ORDER OF THE BOARD (by J. D. Dumelle):

On October 5, 1982 the Board adopted amendments to Chapter 6: Public Water Supply (now 35 Ill. Adm. Code Subtitle F) in R81-11 (49 PCB 101). That action established a maximum allowable concentration of 0.10 mg/l for Total Trihalomethanes (TTHM) in finished drinking water (35 Ill. Adm. Code 604.203) as well as a sampling program (35 Ill. Adm. Code 605.104). Those rules, however, applied only to water supplies serving over 10,000 individuals. In the Second Notice Opinion issued on July 21, 1982 (47 PCB 453), the Board stated that:

since these smaller supplies generally use ground water sources and have shorter transport times, they are considerably less likely to have TTHM levels exceeding the 0.10 mg/l standard. At the same time, universal applicability would greatly increase the number of water sample analyses which the Illinois Environmental Protection Agency would have to perform. After more data are gathered on existing TTHM levels, the Board may consider an additional rulemaking to protect public water supplies serving less than 10,000 people.

In the eighteen months that the program has been in place, the Board presumes that more data have been gathered. Given that research by the National Cancer Institute and the National Academy of Sciences shows that TTHMs may be carcinogenic and can lead to liver or kidney disorders, birth defects and central nervous system damage, the Board concludes that it is appropriate to consider whether the TTHM standard and the sampling requirements should be expanded to be made applicable to water supplies other than those serving more than 10,000 individuals.


The Board, therefore, authorizes the scheduling of inquiry hearings to consider expanding the applicability of 35 Ill. Adm. Code 604.203 and 605.104. The Board solicits comments and

proposals concerning these rules, and, without in any manner restricting the scope of the comments, proposals or hearings, in particular desires that the following issues be addressed:

1. In terms of health protection and/or economics:
 - a) Is classifying on the basis of population appropriate for this rule; is there a more appropriate means.
 - b) Is classifying at a 10,000 population cut-off appropriate, and approximately what percentage of the State's population is covered at this cut-off.
2. Should supplies exempted from the requirement to chlorinate be required to comply with this rule?
3. Should supplies that provide no treatment other than chlorination be exempted or treated differently?
4. To what extent can the number of affected facilities be enlarged without creating an undue administrative sampling burden?

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board hereby certify that the above Order was adopted on the 30th day of May, 1984 by a vote of 6-0.


 Christan L. Moffett, Clerk
 Illinois Pollution Control Board