

ILLINOIS POLLUTION CONTROL BOARD  
November 30, 1978

IN THE MATTER OF: )  
 )  
AMENDMENTS TO THE ) R77-13  
PUBLIC WATER SUPPLY )  
REGULATIONS. )

PROPOSED ORDER OF THE BOARD (by Mr. Dumelle):

- 1) Rule 105 of Chapter 6: Public Water Supplies is hereby amended to read as follows:

"Analytical Testing

To determine compliance with these rules and regulations, all sampling and physical, chemical, bacteriological, and microscopic analyses shall be made according to the methods described in the National Primary Drinking Water Regulations or any other method specifically approved by the Agency and the United States Environmental Protection Agency. All analyses for substances other than those listed in these rules and regulations must be performed by methods acceptable to the Agency.

- 2) The definition of "Standards" in Rule 104 of Chapter 6: Public Water Supplies is hereby amended to read as follows:

"'Standards' means the 'Recommended Standards for Water Works,' 1976 edition, as adopted by the Great Lakes - Upper Mississippi River Board of State Sanitary Engineers (commonly referred to as the Ten-States Standards)."

- 3) Table I of Rule 304 of Chapter 6: Public Water Supplies is hereby amended to read as follows:

"TABLE I - MAXIMUM ALLOWABLE CONCENTRATIONS - Finished Water Quality

Substance	Reported As	Maximum Concentration mg/l
Arsenic	As	0.05
Barium	Ba	1.
Cadmium	Cd	0.010
Chromium	Cr	0.05
Copper	Cu	5.
Cyanide	CN	0.2
Fluoride	F	1.8 (c)
Iron	Fe	1.0 (a)
Lead	Pb	0.05
Manganese	Mn	0.15 (a)
Mercury	Hg	0.002
Nitrate-Nitrogen	N	10. (b)
Organics		
Pesticides		
Chlorinated Hydrocarbon Insec-		
ticides		
Aldrin		0.001
Chlordane		0.003
DDT		0.05
Dieldrin		0.001
Endrin		0.0002
Heptachlor		0.0001
Heptachlor Epoxide		0.0001
Lindane		0.004
Methoxychlor		0.1
Toxaphene		0.005
Chlorophenoxy Herbicides		
2,4-Dichlorophenoxyacetic acid (2,4-D)		0.1
2,4,5-Trichlorophenoxypropionic acid (2,4,5-TP or Silvex)		0.01
Selenium	Se	0.01
Silver	Ag	0.05
Turbidity	NTU	1.0 (d)
Zinc	Zn	5. "


- 4) Note a of Table I of Rule 304 of Chapter 6: Public Water Supplies is hereby amended to read as follows:

"All noncommunity water supplies and those community water supplies which provide an average of 10,000 gallons of water per day or less shall be exempt from the standards for iron and manganese. All other water supplies shall comply with these standards by July 1, 1981. Iron in excess of 1.0 mg/l and manganese in excess of 0.15 mg/l may be allowed at the discretion of the Agency if sequestration tried on an experimental basis proves to be effective. If sequestering is not effective, positive iron or manganese reduction treatment as applicable must be provided. No experimental use of a sequestering agent may be tried without previous Agency approval."

5. Comment on these proposed revisions shall be accepted for a period of 45 days from the date of this Order.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Order was adopted on the 30<sup>th</sup> day of November, 1978 by a vote of 5-0.

  
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Christan L. Moffett, Clerk  
Illinois Pollution Control Board