

ILLINOIS POLLUTION CONTROL BOARD
September 7, 1978

IN THE MATTER OF:)
)
WATER POLLUTION CONTROL) R74-15, -16
AMENDMENTS: CYANIDE) CONSOLIDATED

ORDER OF THE BOARD (by Mr. Goodman):

The Board hereby enacts the following amendments to the Water Pollution Regulations:

1. Rule 203(f) of Chapter 3: Water Pollution of the Pollution Control Board Rules and Regulations, insofar as it pertains to cyanide, shall be amended as follows:

Cyanide (total) 00720 0.025

2. Rule 205 of Chapter 3: Water Pollution of the Pollution Control Board Rules and Regulations shall be amended by addition of a new subpart "(g)" as follows:

(g) Cyanide (total) shall not exceed 0.10 mg/l.

3. Rule 206(c) of Chapter 3: Water Pollution of the Pollution Control Board Rules and Regulations, insofar as it sets specific water quality standards for certain chemical constituents, shall be amended by addition of a water quality standard for cyanide, as follows:

Cyanide (total) 00720 0.025 mg/l

4. Rule 408(a) of Chapter 3: Water Pollution of the Pollution Control Board Rules and Regulations, insofar as it pertains to cyanide, shall be amended as follows:

Cyanide (total) 00720 ~~0-025~~ 0.10***

***Except for discharges from the Calumet Treatment Plant of the Metropolitan Sanitary District of Greater Chicago, which shall not exceed 0.15 mg/l. Compliance with cyanide effluent limitations shall be determined by 24-hour composite samples averaged over any monthly period; no single 24-hour composite sample shall exceed twice the numerical standard and no instantaneous (grab) sample shall exceed five times the numerical standard.

5. Rule 703 of Chapter 3: Water Pollution of the Pollution Control Board Rules and Regulations shall be amended as follows:

703. Cyanide (STORET number - 00720)

(a) ~~No waste to any public sewer system shall contain cyanide in excess of 0.025 mg/l any time except as permitted by rule 703(b).~~ more than 10 mg/l total cyanide provided any sample tested shall not release more than 2 mg/l of cyanide when tested at a pH of 4.5 and at a temperature of 150°F for a period of 30 minutes, except as permitted by Rule 703(b).

(b) ~~Upon application by a county, municipality, sanitary district or public utility and approval by the Agency limited amounts of cyanide or cyanogen compounds may be permitted to be discharged to a county, municipal sanitary district or public utility's sewer works. Total cyanide shall not exceed 10 mg/l provided any sample tested shall not release more than 2 mg/l of cyanide when tested at a pH of 4.5 and at a temperature of 150°F for a period of 30 minutes. Such discharges shall be permitted only when the Agency has determined that no violation of the effluent criteria of this Chapter will result from such discharge.~~

Upon application by a county, municipality, sanitary district or public utility and approval by the Agency, based upon determination by the Agency that no violation of the effluent criteria of this chapter will result and that no hazard to workers in such sewage works will result, limited additional amounts of cyanide exceeding the standards in part (a) of this Rule 703 may be discharged to the sewage works of such county, sanitary district, municipality or public utility.

(c) Nothing in this Rule 703 shall be construed as limiting the authority of any county, municipality, sanitary district or public utility to impose any more stringent standards or limitations on cyanide discharges to its sewage works.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Order was adopted on the 7th day of September, 1978 by a vote of 4-0.

Christan L. Moffett
Christan L. Moffett, Clerk
Illinois Pollution Control Board