



The design capacity of the plant is given as 19.9 MGD. Flow metering equipment has not been function and the only flow data available is for October 1974 which showed 19.085 MGD. The Agency states that were the 8,653 P.E. requested in the variance to be connected, 0.865 MGD additional flow would result and the plant would then be at 19.94 MGD or slightly over design capacity.

In the past year only 480 P.E. were connected and so it is doubtful, states the Agency, that full 8,653 P.E. could be connected in the coming year.

We are not given a full report as to the exact construction status of this plant. The Agency states that "construction of tertiary facilities is presently underway" but does not tell when they will be finished. The plant capacity in the near future, after construction is completed, is not given.

Flow data is an important part of a waste treatment plant operator's knowledge of his operation. A plant of this size should have accurate flow data available to the operator and to the Board. The single figure for October which we are given may have been recorded in a relatively dry month. In wet weather, the Waukegan plant may already now be exceeding its design capacity.

We grant the variance for an additional ~~year~~. The effluent to Lake Michigan may improve shortly if the Agency is correct. However, we limit the number of population equivalents that may be connected to 2,000 instead of the requested 8,653 P.E. but not to exceed the plant's design capacity.

We shall require adequate flow measurement and a status report by March 1, 1975 to the Board and Agency on timetables for construction and the plant capacity resulting from such construction. A further report by September 1, 1975 is required.

This Opinion constitutes the Board's findings of fact and conclusions of law.

#### ORDER

1. Variance is granted from December 31, 1974 to December 31, 1975 for the District to connect not more than 2,000 population equivalents to the Waukegan sewage treatment plant provided that the plant's design capacity is not exceeded.

2. Adequate flow monitoring of total flows to and through the Waukegan plant shall be operational by March 1, 1975.

3. A status report on construction at the Waukegan plant giving timetables for completion and resulting plant capacity shall be made to the Board and Agency by March 1, 1975 and September 1, 1975.

4. All applicable conditions of PCB 73-502 shall remain in full force and effect.

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 9<sup>th</sup> day of January, 1975 by a vote of 5-0.

Christan L. Moffett (g)  
Christan L. Moffett, Clerk  
Illinois Pollution Control Board