

Mr. RYAN. It goes on to say:

It is recognized that this will require design for an average removal of 90 percent of biochemical oxygen demand.

Is that a fair statement of the case?

Dr. WEINBERGER. Yes, sir.

Mr. RYAN. In other words, to achieve 80 percent reduction it is necessary to design a plant for 90 percent removal?

Dr. WEINBERGER. To make sure we are always getting 80 percent. There are fluctuations in terms of the strength of the waste coming through a plant; there are operational variations. If we want to make sure that we get at least 80 percent, since there will be a fluctuation sometime, we will achieve 95 percent and other times it will be 85 and it could get down as low as 80 percent.

Mr. RYAN. Are there cases where the recommendations that have been made were higher than 80 percent minimum reduction?

Dr. WEINBERGER. Yes, sir.

Mr. RYAN. Where?

Dr. WEINBERGER. I would be pleased to get a copy of that for you, sir. I know this has been done. If I may, I will supply it for you.

(The information requested is as follows:)

DEPARTMENT OF THE INTERIOR FEDERAL WATER POLLUTION CONTROL  
ADMINISTRATION

HIGHER THAN 80 PERCENT BOD REDUCTION

Recommendations requiring higher than 80 percent reduction of biochemical oxygen demand are included in agreements reached by the Federal-State conferees in the following actions:

1. Penobscot River and Upper Penobscot Bay (Maine)

*Recommendation*

8. The abatement programs for the two poultry companies, Maplewood Packing Company and Penobscot Poultry, will be based on a 90% reduction of biochemical oxygen demand (BOD), 90% reduction of solids, and an effluent not to exceed 5,000 coliforms per 100 ml.

2. Moriches Bay and the Eastern Section of Great South Bay (Long Island, New York)

*Recommendation*

7. All the duck farms in the conference area:

(a) On or before August 1, 1967, shall submit to the New York State Department of Health final construction plans in approvable form, prepared by or under the direction of a duly licensed professional engineer, for adequate waste treatment facilities to remove at least 85 percent of the suspended solids and at least 85 percent of the biochemical oxygen demand, and a substantial portion of the phosphates thereof and therein shall be removed, and facilities for disinfecting such wastes and/or waste effluents to the extent that the final effluent shall at all times contain the chlorine residual of not less than 1 ppm after not less than 15 minutes contact time and a coliform count not greater than 100 per 100 ml in at least 90 percent of the samples in a series thereof, provided that at no time the coliform count of such organisms in said final effluents exceed 10,000 per 100 ml.

(b) On or before November 1, 1967, initiate construction of such facilities.

(c) On or before April 30, 1968, complete construction of such facilities.

(d) Thereafter maintain and operate such facilities in such manner that they at all times meet the performance criteria set forth above, and that the persons responsible for the maintenance and operation of such facilities set up an adequate trained and equipped staff in order thereafter to maintain and operate treatment facilities installed at duck farms at all times in conformance with requirements established by the New York State Department of Health.

3. Eastern New Jersey from Shark River to Cape May (New Jersey)