

MINUTES OF METROPOLITAN SEWERAGE DISTRICT BOARD

**REPORT RECOMMENDING CONSULTING ENGINEERS
HEARING OF THREE RECOMMENDED FIRMS**

The meeting of the Metropolitan Sewerage District Board was held in the Board Room, City Building, Asheville, North Carolina at 2:00 p. m. on Tuesday May 15, 1962.

The meeting was called to order by Mr. Koon, Chairman. The following members were present: Mr. Adams, Mr. Finch, Mr. Koon, Mr. Peterson, Mr. Reagan, Mr. Robinson, Mrs. Swicegood, and Mr. Tandy.

At Mr. Koon's suggestion, it was moved and seconded and carried that the reading of the minutes be dispensed with.

Mr. Robinson, as Chairman of the Committee to select three engineering firms to be interviewed, read a letter from the Committee naming the following: J. N. Pease & Company, Charlotte, North Carolina, Six Associates, Asheville, North Carolina, and Warren, Hendon & Associates, Birmingham, Alabama. This report was accepted as read and as the three firms were immediately available, they appeared before the Board in alphabetical order.

J. N. Pease & Company was represented by Col. J. N. Pease, Mr. George S. Rawlins and Mr. F. C. Hobson.

After a brief introduction, Col. Pease turned the presentation over to Mr. Rawlins who briefed the Board on his organization. He pointed out that his organization consists of some 120 persons, 15 of whom are in the Civil Sanitary Division, among them several engineers. There are also available, mechanical, structural, and electrical engineers who would be necessary in such a project as that anticipated by the Metropolitan Sewerage District.

J. N. Pease & Company is available and could commence work within two weeks. He assured the Board of his firm's ability to cope with the rough terrain in this area. He then showed slides depicting some of his firm's work.

Col. Pease terminated the presentation by praising Mr. Rawlins' ability and professional status, and assured the members that he would be personally in charge, should J. N. Pease & Company be employed by the Metropolitan Sewerage District.

Six Associates, Lockwood Greene, and Metcalf & Eddy appeared next.

Mr. Walker introduced Mr. Stewart Rogers who in turn presented to the Board Mr. Tom Fridy and Mr. H. H. St. John of Lockwood Greene, Mr. Charles Hammann of Metcalf & Eddy, and Mr. S. C. Minnich of Six Associates. He gave a resume of the qualifications of the three firms involved in this "co-venture."

Mr. Fridy explained the joint venture and pointed out the advantages of size of staff available with various talents and technical ability callable upon demand. He stated that the three firms have a combined personnel of approximately 650.

Mr. Hammann spoke next giving the qualifications of Metcalf & Eddy as an experienced firm, having during the past 65 years designed some 100 treatment plants. He stressed the advantage to the "co-venture" of having a resident participant with first-hand knowledge of the area.

If employed, this "co-venture" would establish headquarters in Asheville for the project. A division of work among the three participating firms would be approximately three ways with a tentative division of Metcalf & Eddy - research and laboratory work, Six Associates - survey and architectural, and Lockwood Greene - civil engineering. Assurance was given that the money would be expended to get the most for the community.

It was proposed that a team of two or three could be immediately sent in to analyze data available and to update the previous report. It was estimated that this work would require approximately two weeks, at which time this "co-venture" could submit a proposal stipulating an ASCE fee; providing for a lump sum for updating the report and a close estimate of the total cost, allowing an equitable credit for the previous report and engineering details. This "co-venture" is able to financially carry the costs until a bond issue has successfully passed.

Warren, Hendon & Associates was represented by Mr. Harry H. Hendon, Mr. A. B. Jowers, and Col. L. G. Warren. Mr. Hendon introduced the other two members and presented the case for his firm.

He explained at the outset that the firm was not formed for this particular project, but has been in existence since 1949. Col. Warren's specialty is heavy construction and he will be used as a consultant in this capacity, all other work would be given the personal attention of Mr. Jowers and himself. He stated that his firm has had a great deal of experience in this field and he pointed out that his rehabilitation experience would be applicable in this situation.

This firm prepared the 1951 report which was amended from Asheville only to a metropolitan disposal facility due to the terrain involved. This report, consisting of plans, specifications, and bid documents, was completed and approved by the North Carolina Health Department and Federal Government at a cost of \$134,000.

Mr. Hendon stated that the interceptor lines in that plan are sufficient for present needs with the possible exception of the Swannanoa interceptor. He estimated that between 50 and 90 per cent of the treatment plant plan in the previous report is workable and that he believed current costs would be around \$6,000,000 with the Swannanoa interceptor lines uncertain.

He proposed to update the 1951 report at a guaranteed cost not to exceed \$5,000; to modify previous contract; to reduce contract fee based upon the curve of cost percentage as recommended by ASCE ethics; to absorb all out-of-pocket costs until a bond issue has carried and to allow all previous payments against the new contract.

Mr. Hendon commented on the provision in former contract giving first consideration to the firm doing the preliminary work.

Mr. Hendon then discussed briefly his familiarity with bonds and bonding agents and rather recommended the use of Revenue Bonds.

He reiterated the long experience of his firm and assured the Board, should it employ Warren, Hendon & Associates consisting of 35 members and specialists in utility design, that he would give it his personal attention.

Mr. Robinson brought to the attention of the Board that Colburn & Gove as a local firm should be given a hearing. Mr. Adams moved and Mr. Finch seconded a motion that Mr. Robinson request them to appear before the Board at 2:00 p. m., May 22, 1962 for a thirty-minute presentation of their qualifications. This motion was carried unanimously.

There being no further business the meeting was adjourned at 4:20 p. m.

May 15, 1962

Lenair Swicegood
Recording Secretary

MINUTES OF METROPOLITAN SEWERAGE DISTRICT BOARD

APPEARANCE OF COLBURN & GOVE

The meeting of the Metropolitan Sewerage District Board was held in the Board Room, City Building, Asheville, North Carolina at 2:00 p. m. on Tuesday, May 22, 1962.

The meeting was called to order by Mr. Koon, Chairman. The following members were present: Mr. Finch, Mr. Koon, Mr. Peterson, Mr. Reagan, Mr. Robinson, Mrs. Swicegood, and Mr. Tandy.

The meeting was called for the purpose of hearing Colburn & Gove present their credentials.

Mr. W. C. Bearden spoke first introducing Mr. J. R. Gove and Dr. H. G. Baity. He stated that their organization was adequate to design proper facilities for the Metropolitan Sewerage District and gave a brief resume of the firm's personnel.

Mr. Gove emphasized the importance of the selection of an engineering firm capable of producing results which would be satisfactory at the least possible cost. He pointed out that there are a number of industrial plants in the area and that more than one treatment plant might be desirable in order to treat various types of waste. He stated that his firm, if employed, would gather all available data, past, present, and predictable, that there is no stock solution, and that the design should be tailored to our specific locale.

Dr. Baity spoke briefly of his pleasure in returning to North Carolina, and that he would be pleased to be associated with Colburn & Gove in the design analysis for this project.

There being no further business the meeting was adjourned at 3:40 p. m.

May 22, 1962


Recording Secretary