

METROPOLITAN SEWERAGE DISTRICT BOARD

June 15, 1982

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration Building at 2 p.m., Tuesday, June 15, 1982.

Chairman Robinson called the meeting to order, and Mrs. Crowe called the roll. In addition to the Chairman, the following members were present: Messrs. Boggs, Clark, Dent, Griffith, Smith, Warlick, and Williams and Mrs. Sciara.

In addition to the Board, the following attorneys, consultants, and MSD staff were present: Mr. John S. Stevens and Ms. L. Sheryl Howell; Messrs. Lew E. Hoffmann, Dean Huber, and Ray Carter; Mr. W. H. Mull and Mrs. Jan Crowe.

Mr. Dent moved that the minutes of the May 18 meeting stand approved as written. Mr. Clark seconded the motion, and voice vote was unanimous in favor of the motion.

Mr. W. H. Mull, Engineer-Manager, reported on the following:

- a. Engineer-Manager's trip to France regarding biological aerated filter (BAF) technology: After a thirty-minute slide presentation to the Board, Mr. Mull offered a letter from Mr. Huber setting forth recommendations with regard to the BAF system. His recommendations were to (1) incorporate the BAF alternative in the (201) Facility Plan and to (2) arrange with Eimco of Salt Lake City to install a pilot plant to operate and monitor for at least three months at a cost of \$3,000 per month, which amount is to be credited if the BAF process is used for the plant expansion. Mr. Dent moved that the Board proceed with this alternate in the 201 Facility Plan as outlined in Mr. Huber's letter and install this pilot plant for \$3,000 per month for a minimum of three months. Mr. Smith seconded the motion, and roll call vote was unanimous in favor of the motion.
- b. History of increasing inadequacies of the Main Treatment Plant and reasons leading up to plant expansion plans: In accordance with Mr. Boggs' request (see May 18 minutes), Mr. Mull presented to the Board a brief history, including wastewater flows from 1970 through January, 1982, showing capacity percentages of the Main Treatment Plant. This report was received as information by the Board.
- c. MSD's response to the City regarding ownership of several sewer lines (Beaverdam Creek, Sweeten Creek, and Lower Broadway): Mr. Mull presented to the Board Mr. Stevens' May 19 letter to Mr. William DeBruhl setting forth MSD's position in connection with reimbursing the City for repair work done by the City and billed to the MSD to lines not owned by the MSD and for which the MSD is not chargeable. This report was received as information by the Board.
- d. Amendment to Consulting Engineers' contract for providing engineering services during construction of the Weaverville Pumping Station/ Force Main System: Mr. Smith moved that the Board approve this amendment to our contract with Harry Hendon and Associates, dated June 2, 1981. Mr. Dent seconded the motion, and roll call vote was unanimous in favor of the motion.
- e. Status report on Hominy Valley, South Buncombe, and Weaverville projects: The following information was presented to the Board: Hominy Valley: Phase I was in service as of May 15, and several taps have been made to the line; construction is 40% complete on Phase II; construction is 32% complete on Phase III; 5 parcels remain to be acquired, of which all 5 are under condemnation. South

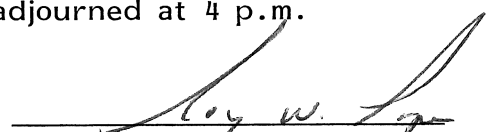
Buncombe: Construction is 65% complete on Phase I, 1% less than one month ago which resulted from some pipeline having to be relaid; construction is 7½% complete on Phase II; 13 parcels remain to be acquired, of which all 13 are under condemnation. Weaverville: Of the 17 parcels on this project, 12 have been acquired, 2 are under condemnation, and 3 are to be condemned. This report was received as information by the Board.

- f. Ratification of action taken by Right-of-Way Review Committee: Mr. Williams moved that the Board ratify these actions, thereby accepting the total report of the committee, which was to authorize monetary payment for settlement for easement over the following parcels: Hominy Valley: #70, Lollis & Beatty, \$14,000. Weaverville: #16, Albert O'Neil Roberts, \$4,000. Mr. Boggs seconded the motion, and roll call vote was unanimous in favor of the motion.
- g. Status report on hydroelectric facility: Mr. Mull told the Board that the letter promised by the Fish and Wildlife people has not been received to date but that staff members from State and Federal Fish and Wildlife had met and had arrived at a decision to recommend that the MSD (1) move one of the three generating units up to the dam so this unit would discharge near the toe of the dam in order to maintain a minimum discharge at the toe of the dam; (2) install a screen of ¼" mesh to keep fish from being sucked into the generators at the power plant; (3) build a fish ladder over the dam. The District's consultants, Harry Hendon and Associates, had evaluated the Fish and Wildlife recommendations and concluded that moving one of the generators up to the dam would cost about \$600,000 and would result in a loss of some \$220,000 revenue the first year with this loss escalating each year thereafter. An alternate plan to comply with Fish and Wildlife recommendations would be to locate two submersible generators at the dam, keeping the three as originally designed. The submersibles would run continuously, maintaining a flow of 400-500 cfs at the dam. Power generation on an annual average would remain the same, and the construction costs would increase by about \$750,000. The plan also included a fish ladder and screen. It was the consensus of the Board that the MSD had three alternatives: (a) go with the original plan or nothing at all; (b) go with a relocated generator as shown in recommendation (1) above; (c) go with generators, screen, and fish ladder as evaluated by Harry Hendon and Associates as an alternative to the Fish and Wildlife proposal. After a brief discussion of the three alternatives, Mr. Smith suggested-- and the Board concurred--that they seek assistance in intervening on behalf of the District since the project must be certified by July 15 or it cannot be certified before next year. Mr. Boggs moved that the Board authorize the Engineer-Manager to incorporate a design/as outlined on the Boardroom blackboard, i.e., (c) above, <sup>to the extent necessary to comply with Fish & Wildlife demands</sup> which would actually be an addendum to MSD's application. Mr. Williams seconded the motion, and roll call vote was unanimous in favor of the motion.
- h. Request to move July Board meeting from 20th to 13th: Since Mr. Mull will be abroad from July 20 until August 3 on a Friendship Force trip to Korea and Japan, he requested that the Board move the July meeting from the 20th to the 13th. The full Board concurred with Mr. Mull's request, and all news media will be notified of this change.

Mr. Boggs and Mrs. Sciara reported to the Board regarding the North Carolina Water Management Conference they attended in Raleigh May 25 saying that the conference was well attended with a tremendous interest being shown in toxic wastes.

Date of the next regular meeting of the MSD Board will be July 13, 1982.

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

  
Secretary