

MINUTES OF THE METROPOLITAN SEWERAGE DISTRICT BOARD

APRIL 22, 1977

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the old office of the Junior Chamber of Commerce on the first floor, City Hall Building, Asheville, North Carolina, at 2 p.m., on Friday, April 22, 1977.

Vice-Chairman Williams called the meeting to order, and Mrs. Crowe called the roll. In addition to Vice-Chairman Williams, the following members were present: Messrs. Clark, Dawson, Dillingham, Griffith, Hyatt, Smith, and Warlick.

In addition to the Board members, the following consultants and staff members were present:

Mr. Gwynn G. Radeker
Mr. Lew E. Hoffmann
Mr. Dean Huber
Mr. W. H. Mull
Mrs. Jan Crowe
Mrs. Linda Duncan

The members having received copies of the Minutes of the March 15 regular and April 5 special meetings, Mr. Dawson moved the motion that both sets of Minutes stand approved as written. Mr. Clark seconded the motion, and voice vote was unanimous.

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

- (a) A letter from Mr. Charles M. Dent regarding the Resolution of Appreciation adopted by the Board commending Mr. Dent for his years of service to the MSD Board: received as information by the Board.
- (b) Review of bids for new office building and recommendations regarding awarding of contracts: Mr. Smith moved the motion to (1) award the general contract to Price-Ray Constructors for a base bid of \$122,200 and accept Alternates #2 for copper guttering for an additional cost of \$660 and #4 for tinted thermopane glass throughout the exterior of the building for an additional cost of \$1,880 which brings the total contract price to \$124,740; (2) award the plumbing contract to Industrial Maintenance Overflow for a total base bid of \$25,636; (3) award the heating/air conditioning contract to Ball Heating Company for a total base bid of \$12,968; and (4) award the electrical contract to M. B. Haynes Electric Company for a base bid of \$27,568 and accept Alternate #1 which decreases the bid by \$11,312 for a total contract price of \$16,256. Mr. Hyatt seconded the motion, and roll call vote was unanimous.

Mr. Smith further moved that Chairman Robinson be authorized by the Board to execute the aforementioned contracts, and Mr. Clark seconded the motion. Roll call vote was unanimous.

Mr. Warlick moved the motion that the Board amend the previous motion made by Mr. Dent at the Board's August 17, 1976, meeting that the Board allocate funds in the amount of \$100,000 to be budgeted from the Repair and Extension Fund for MSD's Administration Building, thereby increasing the allocated funds from \$100,000 to \$185,000 which is to include access road and utilities. Mr. Smith seconded the motion, and roll call vote was unanimous.

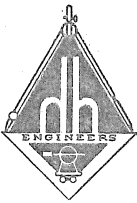
- (c) Outcome of bids for furnishings for the new Administration Building: After review of the two separate sealed bids received from Hoyle Office Supply and Talman's of Asheville, Mr. Warlick moved the motion that the Board reaffirm Mr. McDevitt's motion of April 5 and unanimously approved by the Board that the Board authorize the Office Space Committee to accept or reject any or all bids consistent with the bid advertisement and that the Board authorize Chairman Robinson to execute a contract with the firm submitting the lowest bid for said furnishings. Mr. Dillingham seconded the motion, and roll call vote was unanimous. The Office Space Committee awarded the contract to Talman's of Asheville for a total bid price of \$7,556.47, plus 4% North Carolina sales tax.
- (d) Adjusted wastewater service charges for industries for Fiscal Year 1975-76: Received as information by the Board.
- (e) Annual Report of Consulting Engineers: At Mr. Mull's request, Mr. Lew E. Hoffmann of Harry Hendon and Associates presented this report; copy attached and made a part of these Minutes.
- (f) Floodwater damages: Received as information by the Board.

Mr. Dawson, Chairman of the Budget Committee, presented the Preliminary Budget to the Board. Mr. Dawson then moved the motion, which was seconded by Mr. Smith, that the Board accept the Preliminary Budget--copy of which is attached and made a part of these Minutes--and set a Public Hearing for May 24, 1977, to be held during the Board's regular monthly meeting. Roll call vote was unanimous.

Date of the next meeting of the MSD Board was set for May 24, 1977.

There being no further business, the meeting was adjourned at 3:10 p.m.


Secretary



Harry Hendon and Associates

INCORPORATED
ENGINEERS

Phone 871-3597

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10 OFFICE PARK, MOUNTAIN BROOK • BIRMINGHAM, ALABAMA 35223

HARRY H. HENDON (1904-1973)

L. E. HOFFMANN

A. B. JOWERS

P. L. BENTLEY

April 11, 1977

W. L. SAMUEL
M. G. BUCKLEY, JR.
J. C. PRUETT

Metropolitan Sewerage District
Buncombe County, North Carolina
P. O. Box 7413
Asheville, North Carolina 28807

Attention: Mr. W. H. Mull
Engineer-Manager

Gentlemen:

Section 505 of the Resolution authorizing the Sewage Disposal System's Bonds for the Metropolitan Sewerage District of Buncombe County Board requires the Consulting Engineer to prepare and file with the District Board, the Local Government Commission, the Engineer-Manager and the Trustee, on or before the 15th day of April in each year, a report setting forth the following:

"(a) their advices and recommendations as to the proper maintenance, repair and operation of the Sewerage System during the ensuing fiscal year, and an estimate of the amount of money necessary for such purposes";

We have found on our visits to, and on inspections of, the Sewerage System, that the properties are being properly maintained and operated.

Frequent, but intermittent, problems have been experienced with the sludge digester apparently caused by chemicals in the sewage inhibiting biological activity in the digesters. The most likely cause of these difficulties is the introduction of slugs of chemicals into the sewers by one or more unknown industries. It is recommended that the source of these chemicals be determined through the ongoing plant monitoring and surveillance program.

The Weaverville Sewage Treatment Plant is not operating satisfactorily because of a large industrial waste load in excess of its design capabilities. Consideration should be given to requiring pretreatment by the contributing industry. State authorities have recommended that the 201 Facilities Plan be revised to include the enlargement of the Weaverville Plant as a first priority improvement.

The Crescent Hills Sewage Treatment Plant does not operate effectively after rains because of excessive infiltration/inflow. This condition should be corrected upon the completion of the Sewer System Evaluation Survey and the subsequent sewer rehabilitation program.

It is not anticipated that there will be any unusual expenditures required during the ensuing fiscal year in connection with these problems which will exceed funds presently available in the budget for these purposes.

"(b) their advices and recommendations as to the extensions, improvements, renewals and replacements which should be made during the ensuing fiscal year, and their recommendations as to the amount that should be deposited during the

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ensuing fiscal year to the credit of the Repair and Estension Fund for such purposes";

As noted in our last annual report, the District's present administrative office space is inadequate and inefficient. Following detailed studies to determine whether the District would purchase a building or construct a new building, and the most desirable location for such building, it was determined that a new administrative and office building would be constructed on land owned by the District at the site of the Metropolitan Sewage Treatment Plant. Plans have been completed and sealed proposals for the construction of the building were received on April 7, 1977.

At the present time lubricating oil, kerosene, diesel fuel, and explosive cleaners are being stored in the Blower Building. To meet current OSHA requirements, it has been previously recommended that a storage building, removed from the Blower Building, be constructed at the Main Treatment Plant. Plans are presently being prepared for a small building to meet these requirements.

It has also been previously recommended that a sampling pump with appurtenant facilities be installed to permit obtaining sewage samples of the incoming raw sewage which do not contain return sludge. This is not possible under the present physical setup at the main treatment plant. The District encountered substantial delay and difficulty in obtaining the services of a contractor willing to undertake this small project. However, this project has been satisfactorily completed during the past year.

The District now has in preparation a Step 1 Facilities Planning Report for Metropolitan Asheville and the Buncombe County area. This report is a prerequisite for obtaining Federal funds for the construction of additional sewerage facilities by the District. Future construction by the District, if Federally funded, will of necessity follow and be in accordance with the findings in this report.

A public hearing was held on the draft of the Facilities Plan on September 14, 1976. The Plan is under review by EPA and State agencies, with revisions as required being undertaken.

Applications for Federal and State grants have been filed by the District for a Sewer System Evaluation Survey, and for the cost of the preparation of plans and specifications for the South Buncombe and the Hominy Valley intercepting sewers.

The Sewer System Evaluation Survey is estimated to cost approximately \$1,000,000; with the cost to be shared by each of the entities owning the collection systems on the basis of the work required on each respective system. It is anticipated that this work will require about twenty-four months to complete.

The cost of the preparation of the plans and specifications for the South Buncombe and Hominy Valley intercepting sewers is estimated to be approximately \$275,000, which cost would be shared jointly by EPA, the State, Buncombe County, Henderson County, and the District.

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Funds on deposit in the Repair and Extension Fund totaled \$1,445,910 as of February 10, 1977, and are adequate to meet the requirements for the ensuing fiscal year.

Our previous recommendation that the Repair and Extension Fund be maintained at a level of \$1,500,000 as the flow of funds permits is still valid. This will enable the District to handle interim financing during construction in future fiscal years prior to actual reimbursement of construction costs from grant funds.

"(c) their advices and recommendations as to the insurance to be carried under the provisions of Section 706 of this Resolution";

We have obtained from the District's insurance carrier copies and/or certificates for the policies and coverages currently in effect. The insurance being carried is in accordance with our recommendations as required by Section 706 of the Bond Resolution.

"(d) their recommendations as to any necessary or advisable revisions of the sewage disposal charges, and";

Current rates being charged are those contained in a Resolution adopting charges for the discharge of domestic wastewater and industrial wastes effective July 1, 1975. In accordance with the provisions of that Resolution, we have prepared and presented to the District a study and report recommending appropriate adjustments in the industrial waste charges.

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"(e) their findings whether the properties of the Sewerage System have been maintained in good repair and sound operating condition, and their estimate of the amount, if any, required to be expended to place the System in such condition and the details of such expenditures and the approximate time required therefor".

The properties of the Sewerage System have been maintained in good repair and sound operating condition and we have no specific recommendations of any consequence that may be required to place the System in such condition.

We have previously recommended that rip-rap should be installed on each side of Sweeten Creek to prevent a recurrence or repetition of the washout of the Swannanoa River Outfall Sewer at Sweeten Creek; and that the roof of the raw sewage pumping station which has sagged due to settlement of the floor slab be jacked into its original position and the supporting columns repositioned and reset.

The rip-rap has been completed at the Swannanoa River and Sweeten Creek and appears to be in excellent condition. The pumping station roof sag has not yet been corrected and it is again recommended that this minor repair be accomplished.

We would like to express our thanks and appreciation to Mr. W. H. Mull and to Mr. R. L. Cunningham, who have been most cooperative with our work as Consulting Engineers.

Very truly yours,

HARRY HENDON AND ASSOCIATES, INC.

By



L. E. Hoffmann, President

LEH:d
cc: Local Government Commission
Trustee

OPERATION AND MAINTENANCE FUND--STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
 FOR MONTH OF _____ AND _____ MONTH ENDED _____ COMPARED WITH PREVIOUS YEAR

PRELIMINARY	1977-78 BUDGET	CURRENT YEAR		PRIOR YEAR	
		MONTH OF _____	ENDED _____	MONTH OF _____	ENDED _____
SALARIES.....	64,600	_____	_____	_____	_____
BILLING & COLLECTIONS.....	50,000	_____	_____	_____	_____
TELEPHONE & TELEGRAPH.....	1,000	_____	_____	_____	_____
TRAVEL & CONVENTION EXPENSES.....	3,000	_____	_____	_____	_____
OFFICE SUPPLIES.....	4,000	_____	_____	_____	_____
POWER & WATER.....	2,400	_____	_____	_____	_____
DIRECTORS' FEES & EXPENSES.....	3,200	_____	_____	_____	_____
INSURANCE.....	16,000	_____	_____	_____	_____
DUES & SUBSCRIPTIONS.....	800	_____	_____	_____	_____
ACCOUNTING SERVICE @ 1% of Payroll	3,200	_____	_____	_____	_____
CONSULTING ENGINEERS.....	7,000	_____	_____	_____	_____
LEGAL FEES.....	15,000	_____	_____	_____	_____
TRUSTEE FEES.....	5,000	_____	_____	_____	_____
AUDIT.....	2,000	_____	_____	_____	_____
POSTAGE & PETTY CASH.....	750	_____	_____	_____	_____
REPAIRS--OFFICE EQUIPMENT.....	300	_____	_____	_____	_____
SOCIAL SECURITY TAXES @ 5.85%.....	15,500	_____	_____	_____	_____
CONTRIBUTIONS--RETIREMENT FUND 7.4%	19,600	_____	_____	_____	_____
VEHICLE EXPENSES.....	3,900	_____	_____	_____	_____
CAPITAL OUTLAY (EQUIPMENT).....	2,000	_____	_____	_____	_____
CONTINGENCY.....	10,000	_____	_____	_____	_____
TOTAL ADMINISTRATIVE & GENERAL....	<u>229,250*</u>	=====	=====	=====	=====

DISBURSEMENTS CONTINUED

1977-78 BUDGET	CURRENT YEAR: _____ MONTH _____		PRIOR YEAR: _____ MONTH _____	
	MONTH OF _____	ENDED _____	MONTH OF _____	ENDED _____
<u>PLANT OPERATION EXPENDITURES:</u>				
SALARIES & WAGES	200,000	_____	_____	_____
CHEMICALS.....	50,000	_____	_____	_____
TELEPHONE.....	1,500	_____	_____	_____
POWER & LIGHTS.....	190,000	_____	_____	_____
MAINTENANCE SUPPLIES.....	2,200	_____	_____	_____
WATER.....	4,000	_____	_____	_____
VEHICLE EXPENSE.....	7,000	_____	_____	_____
LABORATORY SUPPLIES.....	2,500	_____	_____	_____
UNIFORM SERVICE.....	1,300	_____	_____	_____
SMALL TOOLS & SUPPLIES.....	1,000	_____	_____	_____
MAINTENANCE (BUILDINGS & GROUNDS).	5,000	_____	_____	_____
MAINTENANCE (PIPELINE).....	10,000	_____	_____	_____
MAINTENANCE (EQUIPMENT).....	55,000	_____	_____	_____
CAPITAL OUTLAY - NEW.....	5,000	_____	_____	_____
EQUIPMENT REPLACEMENT.....	35,000	_____	_____	_____
CONTINGENCY.....	50,000	_____	_____	_____
TOTAL OPERATIONS EXPENDITURES.....	619,500*	_____	_____	_____
TOTAL DISBURSEMENTS.....	<u>848,750*</u>	=====	=====	=====
<u>RECEIPTS:</u>				
TRANSFER FROM REVENUE FUND.....		_____	_____	_____
OTHERS: _____.....		_____	_____	_____
TOTAL RECEIPTS.....		=====	=====	=====
EXCESS OF RECEIPTS OVER DISBURSEMENTS.....		_____	_____	_____
(DISBURSEMENTS OVER RECEIPTS.....		_____	_____	_____
<u>CASH BALANCE:</u>				
BEGINNING OF PERIOD.....		_____	_____	_____
ENDING OF PERIOD.....		_____	_____	_____

*THE CURRENT EXPENSES FOR EACH MONTH ARE ESTIMATED TO BE ONE-TWELFTH (1/12) OF THE ANNUAL BUDGET.