

METROPOLITAN SEWERAGE DISTRICT BOARD

June 21, 1983

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 21, 1983.

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

In addition to the Board, the following attorney, consultants, and staff members were present: Mr. John S. Stevens; Messrs. Dean Huber and Don Barryhill; Mr. W. H. Mull and Mrs. Linda Duncan.

Mr. Boggs moved that the minutes of May 17 meeting stand approved as written, and Mr. Clark seconded the motion. Voice vote was unanimous in favor of the motion.

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

- a. Current budget report: Mr. Smith moved that the Board amend the budget as presented, and Mrs. Sciara seconded the motion. Roll call vote was unanimous in favor of the motion. A copy of the amended budget and supporting documents are attached to and thereby made a part of these minutes.
- b. Hydroelectric project update: Mr. Mull presented a copy of his letter dated May 18, 1983, to U. S. Fish and Wildlife Service, as had been directed by the Board at its May 17, 1983, meeting. That letter outlined MSD's proposals to provide minimum flows in the French Broad River and to provide a fish passage device and screening facilities if and as soon as such facilities prove to be necessary and workable as demonstrated by the passage of fish through locks at the downstream Capitola and Marshall Dams and if the results of the Carolina Power & Light study at the Marshall Dam shows a high mortality for the type of turbine to be used. Mr. Mull also presented the U. S. Fish and Wildlife Services' response to this proposal dated June 8, 1983, in which they agreed in principle to defer construction of a fish passage device and an intake protection device (screens) until these have been deemed necessary by appropriate studies. With regard to flow, however, Fish and Wildlife Services reiterated that they have no reason to alter their recommendations of June 25, 1982, requiring instantaneous flows of 460 cfs from July through January and 840 cfs from February through June. The only alternative to maintaining these flows would be for MSD to perform an approved site specific study to arrive at flow figures. After considerable discussion, it was the consensus of the Board that MSD should proceed to obtain the Fish and Wildlife Services' sign-off on the project by agreeing to perform a study to determine instantaneous flow needs. MSD would proceed to apply for a license for exemption from FERC based upon constructing the hydroelectric facility to generate the full 2,400 kw as planned but with provisions for incorporating screening facilities, a fish passage device, and the maintenance of minimum flows in the river as may be required after appropriate studies. Mr. Mull and Mr. Stevens were to determine several items prior to the next Board meeting, among those being the following:

- 1) Obtain cost estimates from MSD's fisheries consultants for running a site specific study to determine instantaneous flow requirements.
- 2) Determine if MSD's existing funds can be expended for both this type of study and the engineering necessary to develop final plans and specifications as well as other costs related to the hydroelectric project.

MSD Metropolitan Sewerage District of Buncombe County, North Carolina.

W. H. Mull, P.E., Engineer-Manager
P. O. Box 8969, Asheville, N. C. 28814
Telephone: Area Code 704-254-9646

John S. Stevens, General Counsel

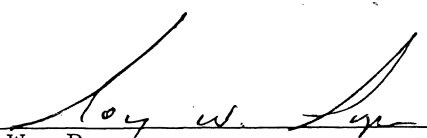


C. LeRoy Robinson, Chairman
M. Leon Williams, Vice-Chairman
Walter T. Batts
Walter J. Boggs
Ben H. Clark
Charles M. Dent
Roy W. Pope
Diane M. Sciara
Frank S. Smith III
Paul W. Warlick

I, Roy W. Pope, Secretary to the District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina, do hereby certify that the attached is a true and correct copy of the resolution adopted by the Metropolitan Sewerage District Board at its regular meeting held June 21, 1983.

WITNESS my hand and seal of said District this 21 day of June, 1983.

By


Roy W. Pope
Secretary to the Board
Metropolitan Sewerage District
of Buncombe County

RESOLUTION

WHEREAS, the Metropolitan Sewerage District Board passed a Resolution at its regular meeting held on June 21, 1983, adopting an Amended Operation and Maintenance Budget for Fiscal Year 1982-83; and

WHEREAS, increases necessary to meet the operation requirements of the Metropolitan Sewerage District of Buncombe County, North Carolina, consisting of line items

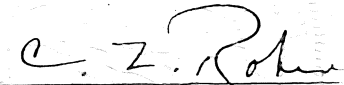
Insurance	from	\$ 39,000	to	\$ 41,200
Dues & Subscriptions	from	\$ 1,000	to	\$ 1,300
Consulting Engineer	from	\$ 9,000	to	\$ 11,000
Social Security	from	\$ 29,400	to	\$ 30,400
Contribution--Retirement	from	\$ 37,500	to	\$ 38,250
Maintenance Supplies & Small Tools	from	\$ 6,000	to	\$ 7,400
Vehicle Expense	from	\$ 14,000	to	\$ 14,300
Laboratory Supplies	from	\$ 4,500	to	\$ 5,100
Maintenance Equipment	from	\$ 80,000	to	\$ 88,000
Equipment Replacement	from	\$ 43,000	to	\$ 46,000

thereby decreasing line items


Travel & Convention	from	\$ 4,000	to	\$ 2,800
Office Supplies	from	\$ 5,200	to	\$ 4,650
Capital Outlay	from	\$ 2,000	to	\$ 1,700
Chemicals	from	\$ 41,000	to	\$ 37,000
Power & Lights	from	\$386,000	to	\$375,000
Uniform Service	from	\$ 3,000	to	\$ 2,800
Maintenance Pipeline	from	\$ 3,000	to	\$ 2,100
Contingency	from	\$ 1,400	to	\$ 00

this being the same Preliminary Budget which was presented at the regular Board meeting on May 18, 1982, currently lying on the table and totaling \$1,330,900., of which the estimated monthly budget is equal to one-twelfth (1/12) of the total budget;

NOW, THEREFORE, BE IT RESOLVED by the Metropolitan Sewerage District Board of Buncombe County that the June 21, 1983, resolution adopting the Amended Operation and Maintenance Budget for Fiscal Year 1982-83 be and is hereby unanimously approved by roll call vote.

By: 
C. LeRoy Robinson, Chairman
Metropolitan Sewerage
District of Buncombe
County

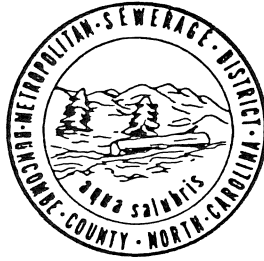
Attest:


W. H. Mull
Engineer-Manager

MSD Metropolitan Sewerage District of Buncombe County, North Carolina.

W. H. Mull, P.E., Engineer-Manager
P.O. Box 7157, Asheville, N. C. 28807
Telephone: Area Code 704-255-5383

Anthony Redmond, General Counsel

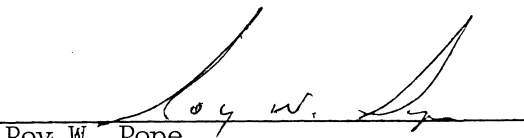


C. LeRoy Robinson, Chairman
M. Leon Williams, Vice-Chairman
Michael L. Black
Walter J. Boggs
Ben Clark
Paul E. Griffith
D. Frank Hyatt
Roy W. Pope
Frank S. Smith III
Paul W. Warlick

June 29, 1983

I, Roy W. Pope, Secretary to the District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina, DO HEREBY CERTIFY that the attached Copy is a true and correct copy of the AMENDED 1982-83 BUDGET adopted by the Metropolitan Sewerage District Board at its regular meeting held June 21, 1983.

WITNESS my hand and seal of said District this 21 day of June, 1983.

Signed by 
Roy W. Pope
Secretary to the Board
Metropolitan Sewerage District of
Buncombe County

OPERATION AND MAINTENANCE FUND--STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS

FOR THE MONTH OF _____ AND _____ MONTH ENDED _____ COMPARED WITH PREVIOUS YEAR

<u>AMENDED BUDGET</u>	1982-83 Budget	Current Year		Prior Year	
		Month of _____	Month _____	Month of _____	Month _____
Salaries	124,850	_____	_____	_____	_____
Billing & Collections	51,500	_____	_____	_____	_____
Telephone & Telegraph	6,100	_____	_____	_____	_____
Travel & Convention Expenses	2,800	_____	_____	_____	_____
Office Supplies	4,850	_____	_____	_____	_____
Power & Water	3,600	_____	_____	_____	_____
Directors' Fees & Expenses	6,000	_____	_____	_____	_____
Insurance	41,200	_____	_____	_____	_____
Dues & Subscriptions	1,300	_____	_____	_____	_____
Accounting Service @ 1% of Payroll	4,800	_____	_____	_____	_____
Consulting Engineers	11,000	_____	_____	_____	_____
Legal Fees & Expenses	14,000	_____	_____	_____	_____
Trustee Fees	8,500	_____	_____	_____	_____
Audit	3,400	_____	_____	_____	_____
Postage & Petty Cash	2,000	_____	_____	_____	_____
Repairs--Office Equipment	600	_____	_____	_____	_____
Social Security Taxes @ 6.70%	30,400	_____	_____	_____	_____
Contributions--Retirement Fund @ 8.20%	38,250	_____	_____	_____	_____
Vehicle Expenses	4,800	_____	_____	_____	_____
Capital Outlay (Equipment)	1,700	_____	_____	_____	_____
Contingency	4,000	_____	_____	_____	_____
Total Administrative & General	365,450	_____	_____	_____	_____

DISBURSEMENTS CONTINUED

	1982-83 Budget	Current Year: Month of _____	Ended _____	Prior Year: Month of _____	Ended _____
Salaries & Wages	345,000				
Chemicals	37,000				
Telephone	2,350				
Power & Lights	375,000				
Maintenance Supplies & Small Tools	7,400				
Water	14,200				
Vehicle Expense	14,300				
Laboratory Supplies	5,100				
Uniform Service	2,800				
Schools	2,200				
Maintenance (Buildings & Grounds)	11,000				
Maintenance (Pipeline)	2,100				
Maintenance (Equipment)	88,000				
Capital Outlay--New	13,000				
Equipment Replacement	46,000				
Contingency	00				
Total Operations Expenditures	965,450				
Total Disbursements	1,330,900				
Transfer Interest to Revenue					
Total					
Receipts:					
Transfer from Revenue Fund					
Others:					
Total Receipts					
Excess of Receipts over Disbursements					
(Disbursements over Receipts)					
Cash Balance:					
Beginning of Period					
Ending of Period					

*The current expenses for each month are estimated to be one-twelfth (1/12) of the annual budget.

**Estimated revenue to be collected from sewer service charges for this fund equal to \$1,330,900.

We have considered the proposed amendment to the 1982-83 budget increasing the amounts for

Insurance	from	\$ 39,000	to	\$ 41,200
Dues & Subscriptions	from	\$ 1,000	to	\$ 1,300
Consulting Engineer	from	\$ 9,000	to	\$ 11,000
Social Security	from	\$ 29,400	to	\$ 30,400
Contribution--Retirement	from	\$ 37,500	to	\$ 38,250
Maintenance Supplies & Small Tools	from	\$ 6,000	to	\$ 7,400
Vehicle Expense	from	\$ 14,000	to	\$ 14,300
Laboratory Supplies	from	\$ 4,500	to	\$ 5,100
Maintenance Equipment	from	\$ 80,000	to	\$ 88,000
Equipment Replacement	from	\$ 43,000	to	\$ 46,000

thereby decreasing line items

Travel & Convention	from	\$ 4,000	to	\$ 2,800
Office Supplies	from	\$ 5,200	to	\$ 4,650
Capital Outlay	from	\$ 2,000	to	\$ 1,700
Chemicals	from	\$ 41,000	to	\$ 37,000
Power & Lights	from	\$386,000	to	\$375,000
Uniform Service	from	\$ 3,000	to	\$ 2,800
Maintenance Pipeline	from	\$ 3,000	to	\$ 2,100
Contingency	from	\$ 1,400	to	\$ 00

and find the proposed increases necessary to meet the operating requirements of the Metropolitan Sewerage District of Buncombe County.

In accordance with Section 506 of the Bond Resolution, we recommend and approve this proposed amendment to the Annual Budget.

HARRY HENDON AND ASSOCIATES, INC.

By: Dean Huber

June 21, 1983

Minutes
Page Two
June 21, 1983

Mr. Mull also presented to the Board a preliminary schedule for the MSD hydroelectric project as drawn up by Harry Hendon and Associates. The schedule runs some 36 months following approval by the Fish and Wildlife Services. Mr. Huber discussed in general the time periods for license review, approval of turbine/generator specifications, and ordering preliminary designs, final design, and construction.

- c. Status report on Hominy Valley, South Buncombe, and Weaverville projects: Hominy Valley: Phases I and II are complete; Phase III is 95% complete, with a projected completion date of 8/15/83. South Buncombe: Phase I is complete; Phase II is 83% complete; Phase III is under construction--no money has been paid the contractor to date; Phase IV is still in design phase with overall project on schedule. Weaverville: Mr. Mull presented to the Board an Offer and Acceptance document from the State of North Carolina for a grant increase in the amount of \$17,137 to aid in construction of the Weaverville Pump Station/Force Main System. Mr. Williams moved that the Board accept the State grant, and Mr. Dent seconded the motion. Roll call vote was unanimous in favor of the motion. The Weaverville project is 19% complete.
- d. Right-of-Way Review Committee report: Nothing to report under this item this meeting.
- e. Status report on application of liquid sludge to agricultural lands: Mr. Mull told the Board that the Ag-Gator equipment had arrived and that an application of digested sludge had been applied to surrounding MSD properties. The Ag-Gator will be stationed at Warren Wilson College, which is to be the first plot of land to receive sludge application. TVA is furnishing MSD with a tanker truck to transport sludge to the site. Cost of operating the tanker and Ag-Gator equipment is estimated at approximately \$31,780 per fiscal year, an amount that was not included in the 1983-84 budget. Mr. Mull advised that he would report back to the Board with more accurate cost figures after three or four months' operation so that the budget could be amended to include adequate funds. Following is the annual estimated cost:

ESTIMATED ANNUAL OPERATING COSTS
FOR SLUDGE DISPOSAL BY LAND APPLICATION

1) Tanker Truck:		
	Fuel @ 4 mpg, 40-mile round trip, 2 trips/day, 5 days/week	\$ 6,240
	4 oil changes/year	120
	4 filters/year	200
	2 tune-ups/year	120
	Tires and insurance??	<u>2,000</u>
	Subtotal	\$ 8,680
2) Ag-Gator Application Vehicle:		
	Estimated fuel, oil, maintenance @ \$50/day	\$13,000
3) Driver:		
	\$4.50/hour, full time	<u>\$10,100</u>
	Total	<u>\$31,780</u>

It is recommended that expenses be absorbed in the current '83-84 budget for a period of three or four months, at which time actual costs of operation can be used to amend the budget.

Minutes
Page Three
June 21, 1983

Mr. Smith moved that the Board approve the expenditure of funds to operate the tanker and the Ag-Gator, and Mrs. Sciara seconded the motion. Roll call vote was unanimous in favor of the motion.

- f. Plant upgrade and expansion status: Mr. Mull reported that problems had been encountered with the design criteria for the biological activated filter system, in that it now appeared that the filters would not be able to handle maximum design flows without hydraulic overload problems. A meeting has been scheduled for Tuesday of next week with the manufacturer of the BAF system to determine what must be done to overcome this problem. A full report on this particular problem, as well as the latest State comments on our proposed plans, will be presented to the Board at its next meeting. Mr. Mull also reported that the State had advised informally that the Main Wastewater Treatment Plant was violating its NPDES permit limitations with respect to flow. The average daily flow at the plant for the past three months has been 28 MGD whereas the NPDES permit limits this flow to 25 MGD. All other effluent limitations--including BOD and SS removal--are well within permit limitations. The solution suggested by the local office was for the MSD to either:
- 1) Request that our existing NPDES permit flow figure be modified to 30 MGD instead of 25 MGD;
 - 2) Request through a 67-B order that it be placed under a time schedule for the completion of the plant expansion and, in the interim, be allowed to exceed the 25 MGD figure.

After discussion, the Board recommended that Mr. Mull apply for a modification to the existing NPDES permit to allow for an increased flow from 25 to 30 MGD.

Chairman Robinson commented that the meeting with the Plant Expansion Committee which had been called last week by HH&A was premature and that a meeting should not have been held until the matter had been thoroughly investigated with the manufacturer of the BAF system. Mr. Huber and Mr. Mull agreed that the meeting was premature and that the picture painted at that meeting was probably worse than should have been presented.

- g. Sewer Consolidation status: Mr. Mull reported that Chairman Robinson and Board members Walter Boggs and Frank Smith and he had met with members of a City Council subcommittee on sewer consolidation to discuss the City's concerns with the proposal as outlined by the 208 Task Force. Larry McDevitt, Norma Price, and Mary Lloyd Frank represented City Council, Ken Michalove and Bill DeBruhl represented the City staff, and Jack Stevens and Bill Moore were legal representation for MSD and the City, respectively. The City's concern, which included sewer service charges to be paid by City residents--a possible reduction in the total charge for the City of Asheville--transition problems for employees if the plan is stretched out over a ten-year period, sewer extension policies, the City's representation on the MSD's Board, and other items were discussed at some length and in considerable detail. At the end of the meeting, it was decided that Larry McDevitt would prepare a document for the 208 Task Force outlining and expounding on the City's remaining concerns. Additionally, the 208 Task Force is to develop a proposed budget for both legal and engineering services to prepare an actual contract form which would be utilized as a Collection System Agreement between MSD and each of the other system owners. Chairman Robinson expressed his concern that the City Council members were directing most of

Minutes
Page Four
June 21, 1983

their comments and questions to the MSD Board rather than the 208 Task Force, who is the one to which the group is responsible, to date for preparing proposals and alternative solutions and resolving differences so that the collections system consolidation would be agreeable to all parties concerned.

Mr. Mull also reported that a meeting has been held with the Woodfin Sanitary Water & Sewer District's Board of Commissioners and that most of their concerns had been resolved, although they did request that information be prepared in a more concise form which could be presented at a public meeting to be held in the Town of Woodfin to gain citizen input into proposed consolidation.


Additional meetings have been scheduled with Weaverville and Biltmore Forest within the next four weeks. This was received as information by the Board.

- h. Value Engineering Proposal: Mr. Mull reviewed with the Board the procedure for a value engineering assessment of our existing consulting engineers' work in designing the major plant expansion and renovations. Our consulting engineers, Harry Hendon and Associates, have obtained proposals from two value engineering firms, Nichols Engineering and Greeley & Hansen. The Nichols proposal totaled \$65,167 for two value engineering surveys, each lasting approximately one week. The Greeley & Hansen proposal totaled \$70,300 for the same work. After discussion, the Board voted to enter into a contract with Harry Hendon and Associates to amend their existing design contract to add two value engineering sessions to be conducted by Nichols Associates, motion being made by Mr. Smith and seconded by Mrs. Sciara. Roll call vote was unanimous in favor of the motion.

Mr. Stevens reported to the Board that the bill sent to Raleigh to increase the compensation of the Board and to pay their actual expenses incurred in carrying out their duties has been ratified and went into effect May 20. Mr. Smith then moved that the Board authorize an increase of \$10 (from \$25 to \$35) in compensation to the MSD Board members, effective May 20, 1983. Mr. Clark seconded the motion, and roll call vote was unanimous in favor of the motion.

Date of the next regular meeting of the MSD Board is scheduled for July 19, 1983.

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


Secretary