

**BOARD OF THE METROPOLITAN SEWERAGE DISTRICT  
AUGUST 29, 1990**

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**1. Call to Order and Roll Call:**

The regular monthly meeting of the Board of the Metropolitan Sewerage District was held in the Boardroom of MSD's Administration Building at 2:00 p.m. on Wednesday, August 29, 1990. Chairman Smith called the meeting to order at 2:00 p.m. with the following members present: Aceto, Dent, Dyson, Edwards, Ivey, Maas, McDonald, Pope, Smith, Waddey and Williams. Others present were: W. H. Mull, Engineer-Manager, John S. Stevens, General Counsel, Walter Currie Attorney for the District, Dean Huber, Bob Holbrook and Bill Morris of Hendon Engineering Associates, Inc., David Aiton of Danie A. Johnson Architects, R. D. Wood, Attorney representing the District with respect to right-of-way across Biltmore Company property, Clarke Morrison with the Asheville-Citizen Times, Debra Price representing CIBO, and Leah Karpen representing the League of Women Voters.

**2. Minutes of July 17, 1990:**

Mr. Dent moved that the minutes of July 17, 1990, be adopted as written. Mr. Edwards seconded. Voice vote was unanimous in favor of the motion.

**3. Report of Engineer-Manager:**

**b. Status Report of Administration Office Building Expansion and Consideration of Award of Contract for Furniture for Administration Building:**

Mr. Mull reviewed the progress report concerning the additions to the District's Administration building. The contractors have completed 80% of the project for a contract amount of \$260,800.00, with a completion date of the first week in September. Mr. Mull reviewed change orders to date totalling \$1,950.00, and noted that these changes are available for review.

Mr. Mull reviewed the bid tab sheet for the furniture for the Administration Office Building with the Board. Office Environments submitted a bid of \$63,848.14; Hoyle Office Supply submitted a bid of \$53,366.57, and B D Interiors submitted a bid of \$67,189.00. The apparent low bidder is Hoyle Office Supply. Mr. Mull called the Board's attention to a letter dated August 22, 1990, from Danie A. Johnson to Mr. Mickey Hoyle, and reviewed this letter with the Board. Hoyle Office Supply quoted 24" work surfaces in lieu of the 30" work surfaces specified in the specifications. Mr. Walter Currie, Attorney for the District has reviewed these bids.

Mr. Mull stated Mr. Hoyle called this morning to advise that he would withdraw the bid of Hoyle Office Supply due to the fact that he could not provide 30" work surfaces at the bid price submitted. Mr. Mull recommended that the Board reject the bid of Hoyle Office Supply as nonresponsive and award the contract for furniture to Office Environments, Inc. in the amount of \$63,848.00. General discussion followed. Mr. Waddey moved that the Board reject the bid of Hoyle Office Supply, Inc., in the amount of \$53,366.00 as being nonresponsive, and award the contract to Office Environments, Inc. in the amount of \$63,848.14. Dr. Maas seconded the motion. Discussion followed. Roll call vote was as follows: 11 Ayes and 0 Nays.

**5. Report of Committees:**

**c. Easement - Mr. Dyson**

Mr. John Stevens, General Counsel for the District, excused himself from the Board meeting.

Mr. Dyson reported that the Easement Committee met Wednesday, August 15th, and reviewed some of the background leading up to the current time and reviewed a cost breakdown for laying 42" pipe in the existing 24" trench. The Easement Committee recommends that the Board approve the 42" line across the Biltmore property at an additional cost of \$138,500.00.

Mr. Dyson recommended that the Board accept the additional costs of \$138,500.00 for constructing a 42" diameter interceptor and abandoning the existing 24" interceptor in lieu of the originally proposed 36" diameter relief interceptor twenty feet east of the existing 24" diameter interceptor. and authorize finalizing of the proposed agreement.

At 2:12 p.m. Mr. Dyson moved that the District Board enter into Executive Session to discuss legal issues relating to the easement with its special Attorney, Mr. Wood. Mrs. Pope seconded. Voice vote was unanimous in favor of the motion. At 2:21 p.m. Chairman Smith reconvened the regular Board meeting.

Mrs. McDonald moved that the District Board accept the recommendation of the Easement Committee and Mr. Dyson. Mr. Waddey seconded the motion. Roll call vote was as follows: 11 Ayes and 0 Nays.

d. **Plant Expansion - Mr. Dent:**

Mr. Dent reported that the Plant Expansion Committee met twice concerning the contract for the fluidized bed thermal converter, Project #800, and referred to Mr. Bob Holbrook of Hendon Engineering Associates, to explain the details of the contract. Mr. Holbrook stated that when the contract was awarded on the incinerator project, the Board asked Hendon to enter negotiations with the contractor to try to reduce the capital costs. One of the things talked about was the high bonding costs that appeared in the proposal. There is a three (3) year special express warranty, which is a full mechanical and performance warranty backed by Enviroquip, Inc., to replace a three (3) year Surety Bonded Performance Guarantee that was in the original specifications. For that three (3) year express warranty and the full normal one (1) year bonded warranty by the Contractor, Enviroquip is offering a deduct of \$112,912.00. Mr. Dent moved that the Board accept the three (3) year special express warranty to replace a three year Surety Bonded Performance Guarantee, along with a \$112,912.00 deduct from the original contract price. Mr. Waddey seconded. Lengthy discussion followed. Roll call vote was unanimous in favor of the motion.

3. **Report of Engineer Manager - Continued...**

a. **Status of Phase III & IV Plant Expansion Contracts:**

Mr. Mull reported that the status reports are in each Board folder for information purposes, and stated that Phase III is scheduled for completion by September, 1990. Concerning Phase IV, Section I, the contractor has mobilized on-site, all permits have been acquired for construction and excavation for the sludge handling facility has been started. No work has begun on Sections 1A Electrical, 1B HVAC and 1C Plumbing.

Mr. Mull brought the Board up-to-date on the situation with Envirex (microscreens). No action was taken on this matter.

c. **Ratify Board's Decision to Engage RMC Muddy Run to do a Turbine Survival and Entrainment Study, August 19th thru 31st, at a cost of \$55,000.00:**

Mr. Mull reported the Hydro Committee met and developed two (2) recommendations on which the Board members were polled. 1) That the District proceed to engage RMC Muddy Run to do a Turbine Survival and Entrainment Study, August 19th thru 31st, at a cost not to exceed \$55,000.00. Mr. Mull reported that this study is currently being conducted; 2) That the District advertise for bids for the Fish Habitat Improvement Structures for the French Broad River. These will be the small dikes on the far side of the river. The District must still get the Corp of Engineers and Southern Railway approval, and the right-of-way to cross private property to get to the river on the other side.

Mr. Dyson moved that the Board ratify its' decision to engage RMC Muddy Run to do a Turbine Survival and Entrainment Study, August 19th thru 31st, at a cost not to exceed \$55,000.00. Mr. Dent seconded the motion. Roll call vote was unanimous in favor of the motion.

Mr. Dyson moved that the Board ratify its' decision to advertise for bids for the Fish Habitat Improvement Structures for the French Broad River. Mrs. Pope seconded, and roll call vote was unanimous in favor of the motion.

Mr. Mull referred to a letter from Mrs. Sharon Kane of Hendon Engineering Associates, the subject being Update on Craggy Dam Hydroelectric Project, and stated this is for the Board's information.

**e. Ratify Board's Decision Concerning Policy on Effective Date of Capacity Depletion Fee:**

Mr. Mull recommended that the Board ratify its' decision to 1) implement the capacity depletion fee being waived from July 1, 1990 up to and including October 1, 1990. Any users connected to the line after this date will pay the capacity depletion fee as outlined in the MSD schedule; and 2) There are certain specific sewer projects in progress or scheduled to be built over the next year to eighteen (18) months. All of the political subdivisions in Buncombe County will submit lists of such projects along with detailed lists of prospective sewer users along the routes of those lines. The MSD will consider on a project by project basis, allowing those potential sewer users a waiver of the capacity depletion fee for a period of sixty (60) days after completion of the project. Mr. Mull stated some information has been received, along with some lists of prospective sewer users, and stated these will be discussed with a Committee of the Board and brought before the Board at a later date. Mr. Aceto so moved and Mr. Waddey seconded. Voice vote was unanimous in favor of the motion.

**f. Consideration of Award of Contract for Mini Cargo Van for Industrial Waste Monitoring:**

Mr. Mull reported that the District advertised twice for bids on a mini-cargo van for the Industrial Monitoring Crew. Four (4) bids were received as follows: Parkway Chevrolet with a total base bid of \$13,543.44, Harry's Cadillac-Pontiac GMC Truck with a total base bid of \$13,841.95, Matthews Ford, Inc., with a total base bid of \$13,595 (tax, tag & title not included), and Ken Wilson Ford with a total base bid of \$12,939.47. Mr. Mull stated that the apparent low bidder, Ken Wilson Ford, quoted a 3.0 liter engine as opposed to the minimum 3.3 liter specified. Mr. Walter Currie, attorney for the District, has reviewed these bids and recommends that the bid of Ken Wilson Ford be rejected as unresponsive. If the bid of Ken Wilson Ford is rejected then Parkway Chevrolet will be the next low bidder.

Mr. Ivey moved that the Board reject the bid of Ken Wilson Ford as unresponsive and award the contract for a mini cargo van to Parkway Chevrolet. Mr. Dent seconded. Roll call vote was unanimous in favor of the motion.

**g. Consider Rescheduling Board Meeting of October 16 to October 23, Due to WPCF Conference in Washington, D.C.:**

Mr. Mull stated that the WPCF Conference will be held October 16th in Washington, D.C., which is the week before Board, and recommended that the October Board meeting be changed from October 16 to October 23. Mr. Edwards so moved and Mr. Williams seconded the motion. Roll call vote was unanimous in favor of the motion.

**4. Report of Officers**

None.

5. Report of Committees - Continued...

a. Sewer System Consolidation - Mr. Aceto:

Mr. Aceto stated the first item to be discussed concerns sewer system mapping. As the exact location of most of the sewer lines is a mystery, mapping would expedite the rehabilitation process and shorten the time required for service calls and offer other benefits for the District. This mapping will require an on-the-ground survey by a surveyor, and the Committee is proposing that this survey would also include a manhole survey of the 17,000 plus manholes. Mr. Aceto reviewed a proposal from Hendon Engineering Associates covering the scope of the work involved and cost of services. Cost of services would be approximately between \$600,000.00 to \$650,000 over a period of three (3) years. Mr. Aceto turned the floor over to Mr. Bill Morris of Hendon Engineering Associates to review Hendon's proposal in more detail. Extensive discussion followed.

Mr. Aceto submitted a proposal from Hendon Engineering Associates, Inc. dated August 27, 1990. Mr. Aceto recommended that Hutchison-Biggs & Associates, Inc., as subcontractors responsible to Hendon, perform the field work for location and inventory of manholes and sewer lines for mapping purposes. Hutchison-Biggs is recommended in order to avoid reinventing the wheel. They have developed much of the base information needed in surveying the storm water drainage system for the City of Asheville. Hendon understands all this information will be available to the District for its mapping process. Mr. Aceto also included a condition that Hendon develop a schedule of what is going to be accomplished in each particular year, with a cost estimate, and if it looks like the project is getting too costly, then the project will be stopped. General discussion followed. Mr. Aceto modified the proposal to specify that this project be reviewed every six months, with a new proposal, including costs, be submitted by Hendon with each review. It was the consensus of the Board that the District obtain a more detailed proposal from Hendon Engineering Associates, Inc. The consensus of the Board is, reacting to Mr. Aceto's proposal, that the Board would like to get a mapping job done, and request a further proposal from Hendon Engineers as to what will be required to get the job done.

Mr. Aceto moved that the Board adopt Hendon Engineering Associates proposal dated August 27, 1990, regarding Hendon coordinating the collection system manhole location and inventory and mapping of the sewer system, including use of Hutchison-Biggs as surveyors, and to digitalize their information for estimated costs between \$200,000.00 to \$250,000.00 per year, but that the Board would proceed on a six month review basis, with option to terminate the process at this point in the Board's discretion. Mr. Williams seconded the motion. More discussion followed. Roll call vote was as follows: 7 Ayes ; 4 Nays (Dyson, Ivey, Maas and McDonald).

The second matter the Sewer System Consolidation Committee considered is the proposal of Hendon Engineering Associates, Inc. for engineering services on a fixed prices basis for the rehabilitation of the North Swannanoa Interceptor Sewer, Phase I. This initiates the actual construction/rehabilitation process beginning with the North Swannanoa Interceptor. Mr. Aceto reviewed a proposal from Hendon Engineering Associates concerning Engineering Services Contract for the North Swannanoa Interceptor Sewer. Mr. Dean Huber explained the basis of Hendon's proposal for this project. Mr. Aceto moved, on behalf of the Committee, that the Board accept Hendon Engineering's proposal set out in Hendon's letter of August 10, 1990, regarding the North Swannanoa Interceptor. Mr. Dent seconded. General discussion followed. Mr. Bob Holbrook of Hendon Engineering Associates stated that the difference in the proposed contract for the North Swannanoa Interceptor Sewer and other contracts the District has, is that the contract for the North Swannanoa Interceptor Sewer is a lump sum contract. The total amount of the contract is \$377,900.00. Mr. Holbrook stated that a credit would be issued for aerial work previously done on this project and work which has been done on this project over the last six months which has been billed on an hourly basis.

General discussion followed. Roll call vote was unanimous in favor of the motion.

Mr. Aceto directed the Board's attention to a commendation letter in each Board folder from the Department of the Navy to Hendon Engineering Associates, for design services for repair of a wastewater collection system at the Naval Air Station in Memphis, Tennessee.

**b. Capital Improvement Plan - Mr. Aceto:**

Mr. Aceto reviewed the Capital Plan Improvement (CIP) Committee minutes of July 18, 1990, with the Board. These minutes are attached hereto and made a part of these minutes.

**6. Unfinished Business:**

**a. Consideration of Resolution to Amend Fiscal Year 1990-91 Operation and Maintenance Budget:**

Mr. Mull reviewed a Resolution to Amend Fiscal Year 1990-91 O&M Budget, as increases are necessary to pay billing costs to meet the operation requirements of the District as follows: Total General Administration from \$ 982,635 to \$1,220,635, and Total Expenditures from \$5,260,937.00 to \$5,498,937.00. The District is currently paying billing services of \$.30 per bill, and billing services per bill will increase to \$1.30 per bill. This increases the billing costs from the current \$72,000 per year to \$304,403 per year, if the City of Asheville goes along with the \$1.30 per bill. This Resolution, along with the Amended O&M Budget, is attached hereto and made a part of these minutes. Mr. Dyson moved that the Board adopt the Resolution Amending the Fiscal Year 1990-91 Operation & Maintenance Budget. Mr. Edwards seconded. Roll call vote was unanimous in favor of the motion.


**7. New Business:**

Mr. Smith reiterated his concern that big issues which are to be brought before the Board of the Metropolitan District be presented at one meeting and voted on at the next meeting, as this will give all Board members opportunity to review the issues and cast their vote in confidence.

**8. Date of Next Regular Meeting - September 18, 1990**

**9. Adjournment**

There being no further business, the meeting was adjourned.

  
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Charles M. Dent, Secretary

### CONSULTING ENGINEERS' CERTIFICATION

We have considered the proposed amendment to the 1990-91 BUDGET increasing the budget amount as follows:

Total General Administration: from: \$ 982,635 to \$1,220,635

Total Expenditures: from: \$5,260,937 to \$5,498,937

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

In accordance with Section 505 of the Bond Resolution, we recommend and approve this proposed amendment to the Annual Budget for Fiscal Year 1990-91.

By: H. Dean Huber  
H. Dean Huber, President  
Hendon Engineering Associates, Inc.

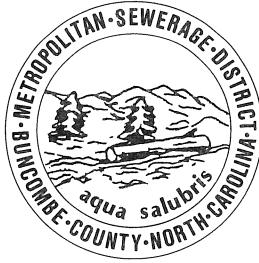
Date: AUG 29, 1990

# MSD Metropolitan Sewerage District of Buncombe County, North Carolina

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John S. Stevens, General Counsel



Frank S. Smith III, Chairman  
M. Leon Williams, Vice-Chairman  
Steven T. Aceto  
Charles M. Dent  
E. Charles Dyson  
M. Wayne Edwards  
George E. Ivey  
Richard P. Maas  
Diane K. McDonald  
Jackie W. Pope  
Marvin E. Waddey

## CERTIFICATION

I, Charles M. Dent, Secretary to the 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 Amending the Fiscal Year 1990-91 Budget, adopted by the Board of the Metropolitan Sewerage District at its regular meeting held August 29, 1990.

WITNESS my hand and seal of said District this 29th day of August, 1990.

Secretary

Board of the Metropolitan Sewerage District  
of Buncombe County, North Carolina

SEAL

**RESOLUTION**

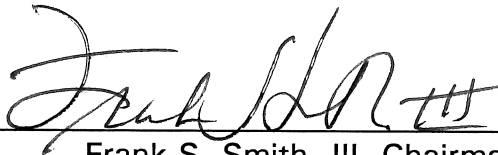
WHEREAS, the Board of the Metropolitan Sewerage District of Buncombe County, North Carolina, adopted a Budget Resolution at its regular meeting held on May 15, 1990, for Fiscal Year 1990-91;

WHEREAS, increases are necessary to pay billing costs to meet the operation requirements of the Metropolitan Sewerage District of Buncombe County, North Carolina as follows:

Total General Administration: from: \$ 982,635 to \$1,220,635

Total Expenditures: from: \$5,260,937 to \$5,498,937

NOW, THEREFORE, BE IT RESOLVED by the Board of the Metropolitan Sewerage District of Buncombe County, North Carolina, that the Budget Resolution which it adopted on May 15, 1990, be and is hereby amended pursuant to the foregoing schedule Duly approved and adopted by roll call vote this the 29th day of August, 1990.



Frank S. Smith, III, Chairman  
Board of the Metropolitan Sewerage District  
of Buncombe County, North Carolina

ATTEST:

  
\_\_\_\_\_  
W. H. Mull, P.E.  
Engineer-Manager



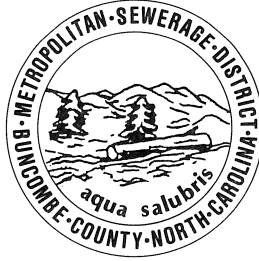
# MSD

# Metropolitan Sewerage District of Buncombe County, North Carolina

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Steven T. Aceto  
Charles M. Dent  
E. Charles Dyson  
M. Wayne Edwards  
George E. Ivey  
Richard P. Maas  
Diane K. McDonald  
Jackie W. Pope  
Marvin E. Waddey

## CERTIFICATION

I, Charles M. Dent, Secretary to the 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 AMENDED 1990-91 BUDGET, adopted by the Board of the Metropolitan Sewerage District at its regular meeting held August 29, 1990.

WITNESS my hand and seal of said District this 29th day of August, 1990.

Secretary

Board of the Metropolitan Sewerage District  
of Buncombe County, North Carolina

SEAL

8/28/90

Schedule 4

METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY, NORTH CAROLINA

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

1990-91 AMENDED BUDGET-AUGUST

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	1990-91 BUDGET	CURRENT MONTH	PERIOD ENDING	PRIOR MONTH	PERIOD ENDING
	-----	-----	-----	-----	-----
TOTAL GENERAL ADMINISTRATION.....	1,220,635				
TOTAL PLANT OPERATIONS.....	1,871,665				
TOTAL COLLECTION SYSTEM OPERATIONS....	2,406,637				
	=====	=====	=====	=====	=====
TOTAL EXPENDITURES.....	5,498,937				
INTEREST TRANSFERRED TO REVENUE ACCT.....					
		-----	-----	-----	-----
TOTAL DISBURSEMENTS.....					
		-----	-----	-----	-----
TRANSFERRED FROM REVENUE FUND.....					
OTHER RECEIPTS.....					
		-----	-----	-----	-----
TOTAL RECEIPTS.....					
		-----	-----	-----	-----
EXCESS OF RECEIPTS OVER DISBURSEMENTS.....					
(DISBURSEMENTS OVER RECEIPTS).....					
		-----	-----	-----	-----
BEGINNING CASH BALANCE.....					
		-----	-----	-----	-----
ENDING CASH BALANCE.....					

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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 \$5,498,937.