

METROPOLITAN SEWERAGE DISTRICT BOARD

May 19, 1981

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, May 19, 1981.

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, Griffith, Hyatt, Pope, Smith, and Williams.

In addition to the Board members, the following attorneys, consultant, and staff members were present: Mr. John S. Stevens and Miss L. Sheryl Howell; Mr. Dean Huber; Mr. W. H. Mull and Mrs. Jan Crowe. Mr. Doug Thrash, right-of-way coordinator for MSD's interceptor sewer projects, also attended.

MINUTES OF PUBLIC HEARING

At 2:06 p.m., Chairman Robinson declared a public hearing opening for the consideration of a proposed 1981-82 budget as advertised in THE ASHEVILLE CITIZEN on April 29, 1981.

NOTICE OF PUBLIC HEARING BEFORE THE BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY

Notice is hereby given that the Board of the Metropolitan Sewerage District of Buncombe County, North Carolina, will hold a public hearing at the Administration Building of the Metropolitan Sewerage District at the Main Treatment Plant on N. C. Highway 251 North, Woodfin, North Carolina, at 2:00 P.M., on Tuesday, May 19, 1981, on the preliminary budget of Current Expenses of the Sewerage System for the fiscal year beginning July 1, 1981, and ending June 30, 1982.

C. LeRoy Robinson  
Chairman of the Board

Approved as to form:  
John S. Stevens, Attorney  
April 29, 1981

Receiving no reply from either the public or the Board members, Chairman Robinson at 2:07 p.m. announced that the public hearing was closed.

THEREUPON, Chairman Robinson reconvened the regular monthly meeting.

Chairman Robinson then asked the Board for its consideration of the budget for Fiscal Year 1981-82. Mr. Pope moved that the preliminary O & M budget, which contains an overall increase of \$147,155 over Fiscal Year 1980-81 budget, be adopted as presented to the Board. Mr. Hyatt seconded the motion, and roll call vote was unanimous in favor of the motion. A copy of the resolution adopting this budget and a copy of FY 1981-82 budget are attached to and made a part of these Minutes.

Mr. Clark moved that the Minutes of the April 21 meeting stand approved as written. Mr. Smith seconded the motion, and voice vote was unanimous in favor of the motion.

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

- (a) Ratification of telephone poll authorizing tentative award of contract for Phase I of Hominy Valley Interceptor Sewer project to CFW Construction Co.: Mr. Smith moved that the Board ratify the telephone poll and award the contract to CFW Construction Company who submitted the low bid of \$1,269,494 for Phase I of Hominy Valley Interceptor Sewer project and authorize Mr. Mull to execute the construction contract with CFW officials. Mr. Hyatt seconded the motion, and roll call vote was unanimous in favor of the motion. A copy of the resolution awarding the contract to CFW Construction Company is attached hereto and thereby made a part of these Minutes.

- (b) Ratification of telephone poll authorizing Sludge Committee and Mr. Mull to attend Energy Conservation through Wastewater Treatment Facilities Retrofitting conference June 23-25, 1981: Mr. Clark moved that the Board ratify this poll, and Mr. Smith seconded the motion. Roll call vote was unanimous in favor of the motion.
- (c) Status report on Hominy Valley, South Buncombe, and Weaverville sewer projects: Mr. Mull told the Board that five additional parcels had been acquired in Hominy Valley, with two additional parcels acquired in South Buncombe, since the April 21 Board meeting. Eighteen cases in Hominy Valley and nineteen cases in South Buncombe are under active condemnation. Title opinions have been received on all 21 parcels to be acquired in Weaverville. Mr. Mull also reported that the Step III construction grant for South Buncombe had been certified to EPA by the State on Monday but that the authorization to sign grant offers had been taken away from the Regional Administrators the same day by President Reagan and that EPA did not know when the grant offer would be made. This report was received as information by the Board.
- (d) Ratification of action taken by Right-of-Way Review Committee: Mr. Smith moved that the Board ratify these actions, and Mr. Pope seconded the motion, to accept the total report of the committee, which was to authorize monetary payment for easement over the following parcel on the South Buncombe Interceptor Sewer project: #63, Barnwell, \$500 to \$700. Roll call vote was unanimous in favor of the motion.
- (e) Modification of Consulting Engineers' contract due to State/EPA request: After a brief discussion, Mr. Smith moved that the Board accept this modified engineering contract for the South Buncombe Interceptor Sewer project, which contains a reduction of \$1,283 in the amount of the contract. Mr. Boggs seconded the motion, and roll call vote was unanimous in favor of the motion. A copy of the engineering contract is attached to and thereby made a part of these Minutes.
- (f) Consulting Engineers' proposal for evaluation of hydroelectric facilities (feasibility study) and Bonding Attorneys' opinion: After Mr. Stevens told the Board that there had been correspondence between his office and the bonding attorneys, Mr. Smith moved that the Board accept the rates proposed by Harry Hendon and Associates for a feasibility study to determine whether to proceed with a power project on the French Broad River at MSD's dam, those rates being a total maximum ceiling under the agreement of \$16,000 which will not be exceeded without formally amending the contract. Mr. Williams seconded the motion, and roll call vote was unanimous in favor of the motion. A copy of the engineers' proposal and general scope of services is attached to and made a part of these Minutes.
- (g) Response to MSD's resolution mailed to governing bodies last month concerning the consolidation of sewerage systems under the authority of MSD: Mr. Mull told the Board that three responses had been received to date, those being from the Buncombe County Board of Commissioners, Ridgecrest Baptist Conference Center, and the City of Asheville. This was received as information by the Board.
- (h) WPCF Annual Conference to be held in Detroit on October 4-9: Mr. Smith moved that the Board authorize attendance at the conference by Mr. Mull and any interested Board member and payment for expenses incurred for same. Mr. Pope seconded the motion, and roll call vote was unanimous in favor of the motion.

# 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 704-255-5382

John S. Stevens, 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

May 19, 1981

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 FISCAL YEAR 1981-82 BUDGET adopted by the Metropolitan Sewerage District Board at their regular meeting held May 19, 1981.

WITNESS my hand and seal of said District this 19 day of May, 1981.

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

	1981-82 Budget	Current Year		Prior Year	
		Month of _____	Month _____ Ended _____	Month of _____	Month _____ Ended _____
Salaries	121,500				
Billing & Collections	50,000				
Telephone & Telegraph	2,800				
Travel & Convention Expenses	4,000				
Office Supplies	5,500				
Power & Water	3,500				
Directors' Fees & Expenses	7,500				
Insurance	30,000				
Dues & Subscriptions	2,000				
Accounting Service @ 1% of Payroll	4,700				
Consulting Engineers	6,000				
Legal Fees & Expenses	20,000				
Trustee Fees	6,000				
Audit	2,750				
Postage & Petty Cash	2,000				
Repairs--Office Equipment	600				
Social Security Taxes @ 6.50%	30,580				
Contributions--Retirement Fund @ 7.98%	37,550				
Vehicle Expenses	4,800				
Capital Outlay (Equipment)	3,000				
Contingency	11,200				
<b>Total Administrative &amp; General</b>	<b>355,980</b>				

DISBURSEMENTS CONTINUED

	1981-82 Budget	Current Year: Month of _____ Ended _____	Prior Year: Month of _____ Ended _____
Salaries & Wages	349,000		
Chemicals	40,000		
Telephone	1,500		
Power & Lights	280,000		
Maintenance Supplies & Small Tools	5,000		
Water	13,000		
Vehicle Expense	14,000		
Laboratory Supplies	5,000		
Uniform Service	3,000		
Schools	2,000		
Maintenance (Buildings & Grounds)	13,000		
Maintenance (Pipeline)	5,000		
Maintenance (Equipment)	70,000		
Capital Outlay--New	15,000		
Equipment Replacement	30,000		
Contingency	25,000		
Total Operations Expenditures	870,500*		
<u>Total Disbursements</u>	<u>1,226,480**</u>		
Transfer Interest to Revenue			
<u>Total</u>			
Receipts:			
Transfer from Revenue Fund			
Others:			
<u>Total Receipts</u>			
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 \$1,226,480.

RESOLUTION OF THE METROPOLITAN SEWERAGE  
DISTRICT BOARD OF BUNCOMBE COUNTY

BE IT RESOLVED that the Metropolitan Sewerage District Board of Buncombe County does hereby adopt the attached Annual Operation and Maintenance Budget for the Fiscal Year 1981-82, this being the same Preliminary Budget which was presented at the regular Board meeting on April 21, 1981, currently lying on the table and totaling \$1,226,480., of which the estimated monthly budget is equal to one-twelfth (1/12) of the total budget.

By: C. LeRoy Robinson

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

Attest: W. H. Mull

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 704-255-5382

John S. Stevens, 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

May 19, 1981

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 resolution adopted by the Metropolitan Sewerage District Board at its regular meeting held May 19, 1981.

WITNESS my hand and seal of said District this 19 day of May, 1981.

Signed by: \_\_\_\_\_

Secretary to the Board  
Metropolitan Sewerage District  
of Buncombe County

RESOLUTION

WHEREAS, the Metropolitan Sewerage District of Buncombe County, North Carolina, desires to expand its sewerage system in the interest of the public's health; and

WHEREAS, competitive bids have been solicited and received from contractors for Project No. 586, Section I, Hominy Valley Interceptor Sewers; and

WHEREAS, the following low bidder has been reviewed by Harry Hendon and Associates, Inc., and found to be responsible:

C F W Construction Company, Inc.  
P. O. Drawer 0  
Fayetteville, Tennessee 37334  
\$1,269,474.00

NOW, THEREFORE, BE IT RESOLVED by the Metropolitan Sewerage District Board to award said contract to said low bidder pending North Carolina Department of Natural Resources and Community Development and United States Environmental Protection Agency approval; and

BE IT FURTHER RESOLVED to pledge the required local funds to pay for the Metropolitan Sewerage District's share (approximately \$158,684.00); and

BE IT FINALLY RESOLVED to authorize Mr. W. H. Mull, Engineer-Manager of the Metropolitan Sewerage District of Buncombe County, to execute all contracts and documents relating to this project on behalf of the Metropolitan Sewerage District.

RESOLVED, this 6th day of May, 1981, by the Chairman of the Board of the Metropolitan Sewerage District of Buncombe County.

METROPOLITAN SEWERAGE DISTRICT OF  
BUNCOMBE COUNTY, NORTH CAROLINA

  
\_\_\_\_\_  
C. LeRoy Robinson  
Chairman of the Board



# MSD Metropolitan Sewerage District of Buncombe County, North Carolina.

W. H. Mull, P.E., Engineer-Manager  
P.O. Box 7157, Asheville, N. C. 28807  
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D. Frank Hyatt  
Roy W. Pope  
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 copy is a true and correct copy of the resolution adopted by the Metropolitan Sewerage District Board by telephone poll on May 6, 1981, and ratified at the regular Board meeting held May 19, 1981.

WITNESS my hand and seal of said District this 19 day of May, 1981.

Signed by \_\_\_\_\_

Secretary to the Board  
Metropolitan Sewerage District of  
Buncombe County



# Harry Hendon and Associates

INCORPORATED  
ENGINEERS

TELEPHONE (205) 823-7480

ADDRESS REPLY TO P. O. BOX 20348

SOUTHCREST BUILDING, VESTAVIA HILLS · BIRMINGHAM, ALABAMA 35216

HARRY H. HENDON  
(1904 - 1973)

L. E. HOFFMANN  
A. B. JOWERS  
P. L. BENTLEY  
M. G. BUCKLEY, JR.  
D. H. HAUSWIRTH

May 8, 1981

S. W. NELSON  
H. S. KAHLON  
G. S. RAJAN  
G. H. RHODES  
L. R. ROBINSON, JR.  
W. L. SAMUEL

The Metropolitan Sewerage District  
of Buncombe County  
Asheville, North Carolina 28807

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

Gentlemen:

That certain amendment dated September 12, 1980, accepted by you on October 21, 1980, to our engineering contract dated December 11, 1972, accepted by you on January 16, 1973, for the South Buncombe Interceptor Sewer Project is hereby deleted in its entirety and the following substituted therefor:

(1) Paragraph 4.(a) through 4.(e), respectively, of the above contract are hereby deleted and the following substituted therefor:

"(a) For the engineering services during construction as described in Paragraph 3.(a) above for the South Buncombe Interceptor Sewer Project (consisting of approximately 98,000 linear feet of 8-inch through 24-inch sewers and associated appurtenances, two pumping stations, and incidental related items) exclusive of resident inspection, you will pay us all allowable and allocable costs that are incurred in the performance of this contract up to the cost ceiling of \$96,740 which will not be exceeded without formally amending the contract (exclusive of fixed fee). You will also pay us a fixed fee of \$15,500.

Pending establishment of final overhead rates for any period, we shall be reimbursed for allowable indirect cost not claimed elsewhere, at the provisional rate listed below. Such provisional rate may, at the request of either party be revised by mutual consent:

<u>Period</u>	<u>Cost Center</u>	<u>Rate</u>	<u>Basis for Allocation</u>
Effective Date of Contract until amended	General Overhead	1.0844	Direct Labor Dollars

(b) For furnishing resident inspection, you will pay us a per diem rate of \$18.15 per hour for the actual services rendered, with a cost ceiling of \$132,132. This ceiling may not be exceeded except as authorized in writing by the District.

(c) Travel costs directly related to this project shall be billed at \$0.18 per mile for automobile travel and at the actual cost of lodging and subsistence."

(2) Engineering services during construction shall be complete within twenty-one (21) months after notice to the contractor to proceed.

(3) The Engineer warrants that he now has or will secure at his own expense, all personnel and facilities required to perform the services under this contract within the required completion dates set forth in Paragraph (2) above. Such personnel are not employees of nor have any contractual relationship with the District. All personnel on the work shall be fully qualified.

(4) (a) Appendix C-1 (copy of which is attached hereto and made a part hereof) to 40 CFR Part 35, Subpart E, as published in Federal Register, Vol. 43, No. 188, September 27, 1978, is hereby adopted as an amendment to said engineering contract, with the following specific limitation:

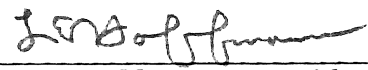
(b) When and to the extent required to perform services under this agreement outside the normal range and scope of engineering services by the use of special consultants in other professional fields such as lawyers, accountants, archaeologists, ornithologists, rate experts, and similar types of other professional skills, the Engineer shall be reimbursed the cost of such consulting services plus an allowance to compensate the Engineer for arranging, administering and coordinating the work and reports of such outside consultants. The special consulting services and the projected cost thereof shall require the written authorization of the District.

All other terms and conditions of the contract remain unchanged.

Respectfully submitted,

HARRY HENDON AND ASSOCIATES, INC.


By

  
\_\_\_\_\_  
L. E. Hoffmann, President

Accepted this 19 day of May, 1981

THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY

By

  
\_\_\_\_\_  
Chairman



# Harry Hendon and Associates

INCORPORATED  
ENGINEERS

TELEPHONE (704) 274-7711

ADDRESS REPLY TO P. O. BOX 5176

25 REED STREET : ASHEVILLE, NORTH CAROLINA 28813

May 14, 1981

HARRY H. HENDON  
(1904 - 1973)

L. E. HOFFMANN  
A. B. JOWERS  
H. D. HUBER

S. C. BOYD  
H. E. BYAS, JR.

Metropolitan Sewerage District of  
Buncombe County  
P. O. Box 7157  
Asheville, North Carolina 28807

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

Gentlemen:

In response to your request, we will be pleased to provide engineering services for the preparation of a feasibility study to install hydroelectric generating capability at Craggy Dam as outlined in the attached General Scope of Services.

We propose to provide these services for you at the rate of direct salary cost times 2.50 plus out-of-pocket expenses.

For the services of Mr. Richard Woodruff, the per diem rate of \$35 per hour plus out of pocket expenses will be charged.

The total maximum ceiling under this agreement is \$16,000 which will not be exceeded without formally amending this contract.

Respectfully submitted,

HARRY HENDON AND ASSOCIATES, INC.

By:   
L. E. Hoffmann, President

Accepted:

Metropolitan Sewerage District of  
Buncombe County

By:   
Chairman

May 19, 1981

Date

## GENERAL SCOPE OF SERVICES

### Craggy Dam Hydroelectric Feasibility Study

#### 1. Site Mapping

Prepare topography map of site including hydrographic survey of river bottom (300 feet upstream and downstream on east side). Cross section dam and spillway (at least four locations).

#### 2. Hydrologic Investigation

Establish high, low, and normal water elevations, conclude hydrologic investigation and finalize a flow duration curve.

#### 3. Equipment Analysis

Contact generating equipment manufacturer to determine unit sizes and configurations, availability, delivery times, cost estimates, general maintenance characteristics, etc.

#### 4. Development Plan

Prepare preliminary sketches of proposed development plan including general construction scheme, cofferdam arrangement and unwatering.

#### 5. Environmental Analysis

Review possible adverse effects of a new power plant and make a preliminary environmental assessment. Submit the development plan and preliminary environmental assessment to the appropriate state authorities, the U. S. Fish and Wildlife Commission of the U. S. Interior Department for comments. This scope does not include any major environmental studies or an environmental impact statement.

#### 6. Marketing Analysis

Have discussion with Carolina Power and Light (CP & L) to determine MSD benefits including co-generation rates, terms of possible agreements, the alternative of MSD utilizing the power generated direct at the plant, CP & L standby charges, interconnection and protection arrangements and operational control.

#### 7. Project Schedule and Costs

Prepare project construction schedule, project capital cost estimates, operation and maintenance cost estimates and an estimated cash flow analysis.

8. Licensing Requirements

Prepare an outline regarding licensing requirements, additional study needed, preparation time, filing time and FERC review time.

In response to Chairman Robinson's inquiry regarding the odor problem experienced at the MSD main plant, Mr. Mull told the Board that spray equipment had been installed to aid in scum-related odors on the secondary clarifiers, that the sludge lake had been fertilized to stimulate the growth of algae, that sodium bicarbonate had been spread upon the sludge lake, that waste gas was burning off the digesters (indicating improved digester function), and that the odor has gradually diminished over the past few weeks until the situation is better now than it has been in several months.

Mr. Philip Elam of the Asheville Area Chamber of Commerce spoke briefly to the Board, inquiring as to whether the Board felt a resolution from the Chamber to Congressman Hendon regarding the South Buncombe Interceptor Sewer might result in acceleration of awarding grant funds to assist in building the project. It was the concensus of the Board that such a resolution would in no way hinder and probably would be a definite asset in moving this project along.

Date of the next regular meeting of the MSD Board will be June 19, 1981.

There being no further business, the meeting was adjourned at 2:55 p.m.

  
Secretary