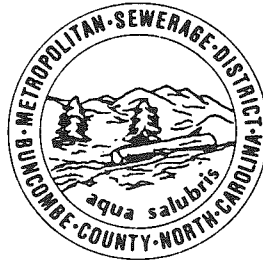


MSD Metropolitan Sewerage District of Buncombe County, North Carolina

W. H. Mull, P.E., Engineer-Manager
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John S. Stevens, General Counsel



George E. Ivey, Chairman
O. R. Post, Vice-Chairman
Jackie W. Bryson
Larry Casper
Charles M. Dent
Kenneth E. Frizzell
Joe Joyner
Charles W. Penny
Bob Selby
E. Benson Slosman
Carolyn R. Wallace

SCHEDULE OF ANNUAL MEETING DATES OF THE METROPOLITAN SEWERAGE DISTRICT BOARD

Meetings are held in the Boardroom of Metropolitan Sewerage District's Administration Building, N.C. Highway 251 North at Woodfin, N.C.

1993

| | |
|----------------------------|-----------|
| January 19 | 2:00 p.m. |
| February 16 | 2.00 p.m. |
| March 16 | 2.00 p.m. |
| April 21 | 2.00 p.m. |
| *May 12 | 2.00 p.m. |
| *June 15 (Tuesday) | 2.00 p.m. |
| July 21 | 2.00 p.m. |
| August 18 | 2.00 p.m. |
| September 15 | 2.00 p.m. |
| October 20 | 2.00 p.m. |
| November 17 | 2.00 p.m. |
| December 15 (If Necessary) | 2.00 p.m. |

SECRETARY/TREASURER

*Budget requirements in Bond Order

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
January 19, 1993

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 Tuesday, January 19, 1993. In the absence of Chairman Smith and delay of Vice Chairman Ivey, Jackie Bryson called the meeting to order at 2:00 p.m. with the following members present: Dent, Frizzell, Ivey, Joyner, Post, Selby, Slosman and Wallace. Those members absent were: Penny and Smith

Others present were: W. H. Mull, Engineer-Manager, John Stevens, General Counsel, Bill Morris and Dean Huber of Hendon Engineering Associates, Inc., Richard Biggs of Hutchison & Biggs, Bob Tinkler representing the League of Women Voters, Ann LaVeck, Stan Boyd and Angel Morris, MSD.

2. Minutes of the December 15, 1992 and January 5, 1993 Board Meetings:

Ms. Wallace moved that the minutes of the November 24, 1992 meeting be corrected deleting the statement that Ms. Wallace and Mr. Post were also in attendance at the Personnel Committee meeting. Ms. Wallace moved that the minutes of the December 15, 1992 and January 5, 1993 meetings be adopted as written. Ms. Bryson seconded the motion. Voice vote was unanimous in favor of the motion.

3. Introduction of New Board Members;

Ms. Bryson welcomed and introduced the following new Board members: Mr. Joe Joyner representing the Town of Weaverville, replacing Mr. Wayne Edwards and Mr. Bob Selby representing Buncombe County, replacing Dr. Richard Maas. Mr. Edwards and Dr. Maas' terms expired this month.

4. Resolutions for Wayne Edwards and Richard Maas;

Mr. John Stevens presented resolutions for both Wayne Edwards and Richard Maas that comment on the contributions and work to the Board and the District. The resolutions were unanimously adopted. The resolutions were unanimously adopted.

5. Report of Engineer-Manager;

a. Status Report on Construction Projects;

1. Montreat CIP Phase I

Mr. Mull reported that 92% of the Montreat CIP Phase I project is complete with 94% of the contract time passed through January 13, 1993. Mr. Mull further reported that progress is slow due to poor soil conditions and underground water being encountered while excavating the pipe trench in this road. Mr. Mull stated that the contract amount has been exceeded by \$15,725.00 and McGill Associates is currently working on an estimated cost to complete the remaining line work.

2. Sweeten Creek Interceptor Sewer

Mr. Mull reported that the Sweeten Creek Interceptor Sewer project is on schedule with Plan & Profile work 99% complete; Specifications complete and Rehabilitation work 50% complete. Mr. Mull further reported that Easement Acquisitions are in progress and that a bid date has been scheduled for July, 1993 with construction to begin September, 1993 and completion expected September, 1994.

3. North Swannanoa Sanitary Sewer Interceptor

Mr. Mull reported that design of Phase I of the North Swannanoa Sanitary Sewer Interceptor is nearly complete with the exception of final review of

encroachment agreements by the North Carolina Department of Transportation, review of design elevations on the proposed NCDOT Haw Creek culvert and revised drawings on the proposed NCDOT bridge replacements. Mr. Mull further reported that bid advertisement is scheduled within the next month. In addition, Mr. Mull stated that field staking and plan/profile surveying are complete on Phase II, Sections 1, 2 and 3 and plans/specifications on Phase II, Section 1, 90% complete with easement plats 80% complete. The environmental assessments on Phase II, Sections 1, 2 and 3 are 50% complete. Mr. Mull further stated that completion of Phase II sections are expected as follows: Section 1 - January, 1997; Section 2 - February, 1998; Section 3 - March, 1999.

4. Beaverdam Interceptor Improvements

Mr. Mull reported that design on the Beaverdam Interceptor by Vaughn & Melton is complete and easement surveying are in progress with a scheduled bid date of March, 1993 and estimated construction time of 120 days. Mr. Mull further reported that design of the Beaverdam Creek Interceptor by McGill Associates is 70% complete and easement surveying 75% complete.

5. Asheville Streets and Sidewalk Sewer Rehabilitation

Mr. Mull reported that Contract 9 - Section II of the Asheville Streets and Sidewalks Sewer Rehabilitation project is complete with Contract 11, 59% complete and Contract 6, 28% complete.

6. Phase IV Sludge Handling Facilities

Mr. Mull presented a status report on the construction of Phase IV, Sludge-Handling Facility and reported that as of December 23, 1992, 98% of Section I - General Contract is complete with 99% of the revised contract time passed. Mr. Mull further reported that 94% of Section 1A - Electrical is complete; 95% of Section IB - HVAC is complete and 80% of Section IC - Plumbing is complete. In addition, Mr. Mull stated that tests were successful on the gravity belt filter press and belt builder presses with a percentage of solids reported at 16 1/2. The ultra press, (Phase III Press) will not be tested for a month or so. Mr. Mull further stated that the District is looking at the possibility of accepting the equipment that has been tested in order that the dewatering process can begin immediately, eliminating a possible backup of sludge into the treatment plant due to a possible overflow from the lagoon.

b. Consideration of Award of Bids for Tandem Dump Truck - Chemical Sludge Stabilization Facility;

Mr. Mull presented a bid tabulation for a Tandem Dump Truck to be used at the Chemical Sludge Stabilization Facility and reported that the bids were reviewed by the Sewer System Consolidation Committee January 11, 1993. Results of the January 8, 1993 bid opening are as follows: Carolina International Trucks, Inc. with a total base bid of \$58,200.00; Matthews Ford, Inc. (apparent low bidder) with a total base bid of \$56,477.00 and Ken Wilson Ford, Inc with a total base bid of \$64,991.43. Mr. Mull presented a letter from Mr. Walter L. Currie, Attorney for the District, stating that in review of the bids, the bond submitted by Carolina International Trucks, Inc. is not in proper form and should be rejected. The bids and bid security of Matthews Ford, Inc. and Ken Wilson Ford, Inc. are in acceptable form. Mr. Slosman moved that the Board approve the apparent low bid of Matthews Ford, Inc. in the amount of \$56,477.00. Mr. Frisell seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays

c. Status of Bids for Alkaline Stabilization Facility;

Mr. Mull reported that bids for the Alkaline Stabilization Facility were received January 12, 1993 and stated that because the North Carolina General Statutes require three (3) bids in order to open and only two (2) bids were received, that the bids for

General Work-Section HH and for HVAC-Section HB, were returned unopened to the Contractors. Mr. Mull further reported that the bids have been readvertised with an opening date scheduled for Tuesday, January 26, 1993 at 2:00 P.M. Mr. Mull stated that the following bids were received for Electrical-Section HA: Emory Electric, Inc. (apparent low bidder) with a total base bid of \$267,200.00; Haynes Electric Construction Company with a total base bid of \$297,000.00 and Hayes & Lunsford Electrical Contractors, Inc with a total base bid of \$348,400.00. Mr. Mull further stated that the bids for Electrical-Section HA will not be awarded today but will be awarded when bids are received for the other sections at a called meeting of the Board.

d. Consideration of Amendment to Engineering Services Contract - Mapping - Hendon Engineering Associates, Inc.;

Mr. Mull presented an Amendment to Hendon Engineering Associates services contract for surveying and mapping and stated that the Amendment was reviewed by the Sewer System Consolidation Committee January 11, 1993 and the Committee recommended that the Board approve the amended contract at a cost not to exceed 1.1 million dollars. Mr. Mull reported that because the sewer systems (inherited under the consolidation agreements) were not mapped, the Board decided to map the entire system in order to know the location of all the sewer lines, better enabling the District to evaluate the carrying capacity with respect to new development, map and evaluate right of way acquisitions, determine where structures have been built over sewer lines and prioritize future needs following the completion of the first five years of rehabilitation work. Mr. Richard Biggs of Hutchinson & Biggs reported that surveying cost were based on 16,350 manholes taken from SSES maps but by late fall they realized a 30% increase in the scope of the total project, (21,000 manholes instead of 16,350) which is the primary reason for the increase in the original budget. Mr. Biggs further reported that the estimated time involved in searching for each individual manhole is between 5 to 7 minutes and if they could not be found within that time frame they would receive assistance from the particular municipality they were working in at the time. Mr. Biggs stated that after about six months, it became evident that the level of effort in locating manholes would only net a 50% recovery rate with no assistance from the municipalities, and as a result, put in between \$75,000.00 and \$100,000.00 worth of additional time searching for manholes beyond what was anticipated to start with. A lengthy discussion followed regarding the increase in the number of manholes, the cost of locating each manhole and the need for additional help in locating missing manholes. Mr. Biggs presented a topo map of the entire county showing major roads and the existing major interceptors and stated that until additional manpower is available, approximately 20% of the manholes that are missing will not be found and in order to keep the system updated, the MSD will have to consider spending from \$200,000.00 to \$300,000.00 per year to continue to look for and map new subdivisions, missing manholes, etc. There being no further discussion, Mr. Dent moved on the recommendation of the Sewer System Consolidation Committee. Ms. Bryson seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays.

e. Consideration of Amendment to Engineering Services Contract - Woodfin CIP - McGill Associates;

Mr. Mull presented an Amendment to McGill Associates Engineering Services Contract for an additional 225 feet of sewer line going up Earl Hollow in Woodfin and reported that the Contract Amendment was reviewed by the Sewer System Consolidation Committee January 11, 1993 and the Committee recommended that the Board approve the Contract Amendment for an additional amount of \$2,000.00. Mr. Slosman moved on the recommendation of the Sewer System Consolidation Committee. Mr. Frizzell seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays.

f. Consideration of Amendment to Engineering Services Contract - Beaverdam Interceptor McGill Associates;

Mr. Mull presented an Amendment to McGill Associates Engineering Services Contract for survey and design in the replacement of certain laterals for the Beaverdam

Creek Interceptor. Mr. Mull reported that the Contract Amendment was presented to the Sewer System Consolidation Committee January 11, 1993 and the Committee recommended that the Board approve the Contract Amendment to include the additional work in the amount of \$2,500.00. Mr. Frizzell moved on the recommendation of the Sewer System Consolidation Committee. Mr. Slosman seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays.

g. Status of Bids - Contract 13 - Asheville Street/Sidewalk Sewer Rehabilitation;

Mr. Mull reported that bids for Contract 13 of the Asheville Street/Sidewalk Sewer Rehabilitation project were received and that the City of Asheville's portion of the contract is over budget by 33% and the District's bids for the sewer portion of the project were also over its budget. Mr. Mull further reported that the City of Asheville will review and eliminate a number of streets which would place the project within the budget limits for both the City of Asheville and the District. In addition, Hendon Engineering is considering taking out some of the most costly line sections and manholes and perform this work at a later date under another project.

6. Report of Officers:

Mr. Ivey reported that the Personnel Committee will meet Thursday, January 21, 1993 at 3:30 PM to consider request for proposals for a management consultant to review the operation of MSD and overtime policy for personnel.

7. Report of Committees:

a. Sewer System Consolidation Committee - 12/30/92 and 1/11/93 - Mr. Dent

Mr. Dent reported that the Sewer System Consolidation met December 30, 1992 and January 11, 1993 to consider the following two (2) items not previously discussed in the Engineer-Manager's report:

1. Capacity Depletion Fees/Park Terrace Center/Patton Avenue

Mr. Dent reported that the Committee discussed the capacity depletion fees for the Park Terrace Center that is being converted from residential apartments to office buildings by R.L. Coleman and Company. Mr. Dent further reported that following review of the three (3) options prepared in-house, the Committee directed Stan Boyd to go back to the Developer to see if he would be willing to pay a fee as set forth in Option 3 as follows: Requiring the Developer to pay for 4 new sewer taps and a capacity depletion fee for 16 new 5/8" meters but give the Developer credit for the 2" meter as though he had paid a capacity depletion fee at the time of its installation, (\$12,000 less \$6,250) resulting in a balance of \$5,750.00.

2. Relocation of Utilities/North Swannanoa Interceptor Sewer

Mr. Dent reported that there are four locations where utility poles will have to be moved and the Engineers have gone back and reexamined the project in an effort to avoid moving them, but found there is no way to avoid the relocation. Mr. Dent further reported that the approximate cost of relocating the poles is about \$100,000.00 and in order to get a firm price, the Committee directed Stan Boyd to get a definite price from CP&L and proceed with moving the poles.

c. Right-of-Way Committee - 1/8/93 - Ms. Wallace

Ms. Wallace reported that the Right-of-Way Committee met January 8, 1993 to discuss the following items:

1. Beaverdam Creek Interceptor - North Fork

Ms. Wallace reported that the Beaverdam Creek Interceptor project is 95%

complete with \$5,044.58 paid as cash compensation to date and reported on the following parcels:

a. Crowder, Kent, Robinson, Silver and Silver Parcels;

Ms. Wallace reported that two appraisals have been done on the Crowder and Kent parcels with calculated damages at \$750.00 and \$700.00 respectively. Ms. Wallace further reported that using the rates from those appraisals, damages for the Robinson, Jack Silver and Betty Silver parcels calculate to be \$772.00, \$515.00 and \$363.00 respectively. Ms. Wallace stated that following an offer to all the owners in the amounts above, Mr. Robinson indicated he will not settle for less than \$10,000.00 and the other owners will not settle for less than \$1.00 per square foot, which ranges from \$375.00 to \$1,705.00, (higher than the appraisals indicate). After reviewing the cost shown, compared to the cost involved in condemning the parcels in question, the Committee recommended that staff contact Crowder, Kent, Jack Silver and Betty Silver with a final offer of \$1.00 per square foot and that a final offer (in writing) be made to Mr. Robinson and if an agreement could not be reached at \$1.00 per square foot, authorize condemnation of the Robinson parcel. Mr. Dent moved on the recommendation of the Right-of-Way Committee. Ms. Bryson seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays.

b. Whitt Parcel;

Ms. Wallace reported that Mr. Whitt has requested the following items in exchange for signing his agreement:

1. \$.50 per square foot (4,454 SF X .50 = \$2,227.00)
2. One additional tap
3. Additional rip rap for 35 X 15 foot section of creek bank at an estimated cost of \$2,000.00 (this to make non-disturbed stream bank in the adjoining area consistent with the restored area).
4. Construction be limited to Monday work only.

Ms. Wallace further reported that the Right-of-Way Committee recommended offering Mr. Whitt the first three items if Mr. Whitt would agree not to limit construction to Monday only and the Board agreed. In addition, if an agreement cannot be reached approve an alternate construction schedule of Monday through Wednesday one week with completion the following Monday through Wednesday. Following a discussion as to the length of time it would take to complete construction, Mr. Slosman moved on the recommendation of the Committee. Mr. Frizzell seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays

2. Montreat Sewer Improvements Project:

Ms. Wallace reported that the Montreat Sewer Improvements project is 69% complete with \$250.00 issued as cash compensation to date.

a. Bridgman Parcel:

Ms. Wallace reported that Mr. Bridgman has requested the removal of a large poplar tree which is located outside both the permanent and temporary easements and very near the owners house. Ms. Wallace further reported that in order to avoid any liability for damages, if an accident should occur during removal of the tree, the Right-of-Way Committee recommended that the MSD make a payment to Mr. Bridgman in the amount of \$575.00, (based on an estimate from the American Tree Removal Service) so that Mr. Brigman can contract for the removal of the tree, relieving the District from any possible liability. Ms. Wallace moved on the recommendation of the Right-of-Way Committee. Mr. Post seconded the motion. Roll call vote was as follows: 9 Ayes; 0 Nays.

In other business, Ms. Wallace reported that at the December 15, 1992 Board meeting, a limit of \$5,000.00 to \$10,000.00 was approved by the Board to allow the Right-of-Way Committee to take action on realignments, appraisals, etc. Ms. Wallace further reported that in a letter received from Jack Stevens, dated December 28, 1992, that such action is against the District's Bylaws written in accordance with the North Carolina Statutes which govern guidelines for the District's corporate policy. In addition, Mr. Stevens stated that in order to comply with the Bylaws, staff can prepare a schedule fixing a compensation amount per rights of way for a section or project to be attached to a resolution authorizing the Engineer-Manager to acquire at amounts not to exceed those on the schedule.

Regarding the Easement Acquisitions by the City of Asheville for the Beaverdam Annexation Sewer, Ms. Wallace reported that the Right-of-Way Committee decided to wait and discuss this issue when Mr. Penny could be present to get his input on the City's position on the matter. Ms. Wallace further reported that the Committee will discuss this issue at its next meeting and come up with a recommendation for the Board.

Ms. Wallace reported that AT&T has requested two easements for fiber optic cable across MSD property; one is 15 feet in width and begins in Beaverdam Creek, crossing the berm and traveling through the garden on the other side of R. L. Cunningham's house near the bridge on NC 91 and the other is 10 feet in width and runs behind the sludge pond. Ms. Wallace further reported that following review of the agreement by Staff and Counsel, the Right-of-Way Committee recommended approval of the easements subject to approval by Hendon Engineering Associates. Ms. Wallace stated that since the meeting, Hendon Engineering Associates has stated that the agreement is acceptable with regard to the location of the stabilization building and has requested the following be added to both agreements:

Requiring that AT&T personnel be available on site during any planned excavation activity within the easement area and that the following be added to the 10 foot easement behind the sludge pond:

50 linear feet of steel conduit replacement be provided centered under the road for the stabilization building site.

Ms. Wallace reported that the above changes have been made to the agreement and are ready for signature and the Right-of-Way Committee is recommending approval of the easement agreement subject to those changes. Mr. Dent moved on the recommendation of the Committee. Mr. Frizzell seconded the motion. Voice vote was unanimous in favor of the motion.

8. Unfinished Business:

Mr. Mull reported that the Board's decision to not increase the sewer service charge has caused some concern by the District's Bonding Attorney in that the schedule in the Official Statement, issued to sell the bonds, indicates a 4% increase in revenues each year. Mr. Mull stated that the Bonding Attorney's concern is whether or not to notify the bond holders and rating agencies that there may not be a 4% increase in sewer service revenues. Mr. Mull further stated that the District is trying to obtain information from each of the municipalities as to hopeful increases in revenues when they start assessing sewer service charges on public buildings and, in some cases, employees, and that the Sewer Service Charge Committee will need to meet to take a look at the District's position in this matter. A discussion followed with regard to the wording in the schedule and the time frame in which the District needs to give notification. Mr. Stevens stated that the Board should consider a proposal to raise the rates or addressing the issue at the February or March meeting of the Board.

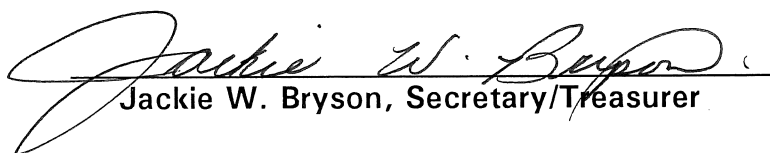
9. New Business:

Mr. Joyner stated that the District should consider offering an orientation program for new Board members. Mr. Ivey encouraged new Board members to attend committee meetings in anticipation of being appointed to a committee of choice. Mr. Mull stated that the plant tour would include a two hour orientation.

10. Date of Next Regular Meeting: February 16, 1993

11. Adjournment:

There being no further business the meeting was adjourned at 3:30 p.m.


Jackie W. Bryson, Secretary/Treasurer

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
SPECIAL MEETING

January 5, 1993

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

A special meeting of the Board of the Metropolitan Sewerage District was held January 5, 1993, at 2:00 p.m., to consider award of contracts for the Biltmore Forest CIP.

Vice Chairman Ivey called the meeting to order at 2:05 p.m. with the following members present: Bryson, Dent, Maas, Penny, Post. Those members absent were: Edwards, Frizzell, Slosman, Wallace and Smith.

Others Present were: W. H. Mull, Engineer-Manager, John Stevens, General Counsel, Bill Morris of Hendon Engineering, Gary Davis of McGill Associates, Bruce Weaver with The Biltmore Company, Swain Ballard with the Town of Biltmore Forest, Stan Boyd, Ann Sutton and Angel Craven, MSD.

2. **Consideration of Award of Contracts for Biltmore Forest CIP;**

Mr. Mull presented a letter and bid tabulation from McGill Associates, P.A. for Sanitary Sewer Line Improvements in the Town of Biltmore Forest. Mr. Mull reported that the results of the December 7, 1992 bid opening are as follows: Huntley Construction Company with a total base bid of \$1,849,730.00; Terry Brothers Construction (apparent low bidder) with a total base bid of \$1,392,767.00 and Wheeler Construction Company with a total base bid of \$2,193,360.00. Mr. Mull further reported that following review of the bids, McGill Associates, P.A. recommends that the bid be awarded to Terry Brothers Construction (apparent low bidder) in the amount of \$1,392,767.00. Mr. Mull stated that of the three (3) lines in the Consolidation Agreement and submitted by the Town of Biltmore Forest (Brown Branch, Raoul Branch and Ram Branch), only two lines, Ram Branch and Raoul Branch were advertised for bid. Mr. Mull further stated that on the initial CIP list the construction cost for rehabilitation on the three lines was budgeted at \$400,000.00 but later increased to approximately \$900,000.00; substantially below the bid amount for the two (2) projects. Mr. Mull reported that the increase in construction costs is due to the following restrictions: construction must take place at night during the winter months and begin immediately so that the line can be replaced prior to the Estate's 100th anniversary in 1995; the moving of a line, instead of replacement, to avoid areas where valuable plantings are located and temporary construction easements.

Mr. Mull reported that in review of the bids, bid bonds and powers of attorney, Mr. Walter Currie, Attorney for the District, stated that all bids received were in acceptable form. Mr. Mull further reported that the reason for today's meeting is to decide whether or not to award the contract, which must be approved today in order to be completed within the time period agreed upon with the Estate. Mr. Mull presented a cash flow analysis showing the costs of all CIP projects over the next five years and stated that if the MSD proceeded with all of the projects, including the Biltmore Forest project, an additional \$10,000,000 bond issue would be needed by fiscal year 1995-96 to offset the fund deficit that would occur at that time. Mr. Mull further stated that due to the substantial costs increase attributable to special construction requirements on the Biltmore Estate, the District should take a second look at the use of slip lining on the lower portion of the line and/or installing a pump station; possibly resulting in a substantial cost savings. This would require rejection of the current bids.

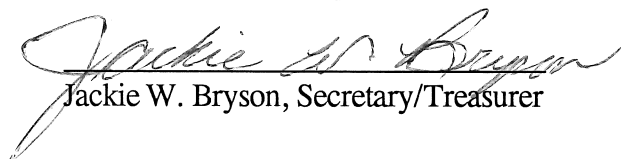
Mr. Gary Davis of McGill Associates, P.A. stated that at the unit price of the present contract a pump station would eliminate approximately 6,000 feet of 8" line and add 4,500 feet of 4" force main at an approximate cost savings of \$300,000.00 and the use of slip lining would save an approximate \$200,000.00. Mr. Davis further stated that

because necessary funds are not available to complete all of the projects on the CIP, McGill Associates recommends that the MSD reject the bids and look at other alternatives to reduce the cost of the project; possibly bid the lines one at a time or bid the park line (Raoul Branch) and the golf course line (Brown Branch) now and delay construction of the estate line (Ram Branch) until 1996/97. Mr. Davis also recommended that the District go back to square one and reevaluate its construction standards.

Following a lengthy discussion regarding the condition of the lines, whether the Biltmore Estate line can be delayed for another five (5) years and problems with temporary construction easements, Mr. Post moved that the Board reject the bids presented and place the Raoul Branch and Brown Branch lines out for bid and redesign the Ram Branch line with construction delayed until 1996-97. Mr. Dent seconded the motion. Dr. Maas questioned proceeding with the advertisement of bids on the Raoul Branch and Brown Branch lines prior to further investigation regarding the use of a pump station and/or slip lining, which could further reduce the cost of the project. Mr. Penny stated that although subsequent bids would probably be higher, the Sewer System Consolidation Committee at its December 30, 1992 meeting discussed the use of MSD funds at this time on the Estate line when the golf course line is in the worst shape and therefore recommended rejection of the bids. Dr. Maas stated that in the design of future projects, MSD staff and Board need to examine all of the alternatives up front, if possible to do so in every instance, before bids are let in order to save money. Mr. Mull stated that if the Board rejects the bids, the fund deficit will only be delayed a couple of quarters and the District will still be faced with the need for additional revenues as projects are completed. Mr. Mull further stated that as a result of this delay, Biltmore Forest will not be affected by a moratorium as with other areas such as the North Swannanoa Interceptor Sewer. There being no further discussion, voice vote was unanimous in favor of the motion.

3. Adjournment:

There being no further business the meeting adjourned at 2:50 p.m.


Jackie W. Bryson, Secretary/Treasurer