

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
February 21, 2018

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration building at 2:00 pm Wednesday, February 21, 2018. Chairman VeHaun presided with the following members present: Ashley, Bryson, Frost, Holland, Kelly, Manheimer, Pelly, Pressley, Watts and Wisler. Root was absent.

Others present were: Thomas E. Hartye, PE, General Manager; William Clarke, General Counsel; Forrest Westall with McGill Associates; Joseph Martin with Woodfin Sanitary Water and Sewer District; Jerry Rice; Ed Bradford, Scott Powell, Ken Stines, Mike Stamey, Matthew Walter, Jim Hemphill, Peter Weed, Angel Banks, Spencer Nay and Pam Nolan, MSD.

2. Inquiry as to Conflict of Interest:

Mr. VeHaun asked if there were any conflicts of interest with the agenda items. No conflicts were reported.

3. Approval of Minutes of the January 17, 2018 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the January 17, 2018 Board Meeting. Mr. Watts moved for approval of the minutes as presented. Ms. Bryson seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None.

5. Informal Discussion and Public Comment:

Mr. VeHaun reported that Jim Holland has been appointed to replace Jon Creighton, representing Buncombe County and called on Mr. Holland for comment. Mr. Holland stated that he is the Assistant County Manager for Buncombe County and has been with the County for 27 years, mostly in Health and Human Services. Mr. Holland further stated that that he is excited to be a part of the MSD Board. Mr. VeHaun welcomed Mr. Holland and presented him with a manhole hook.

Mr. VeHaun welcomed Jerry Rice and Joe Martin. Mr. VeHaun then called for public comment. There was no public comment.

6. Report of General Manager:

Mr. Hartye reported that attached is a letter from Linda Bickers of Swannanoa expressing her appreciation. Thanks to R.L. Haynes and all of the in-house construction crews for a job well done.

Mr. Hartye reported that attached is a transcription of a call received from Barbara Moore of Ridgecrest expressing her appreciation. Thanks to Grady Brooks and Billy Cantrell.

Mr. Hartye reported that MSD has once again received the Distinguished Budget Presentation Award from the Government Finance Officers Association (GFOA) for the Fiscal Year 2018 Budget. Many thanks to the great effort put forth by Teresa Gilbert and Scott Powell.

Mr. Hartye reported that he attended a County Commissioner's Meeting held yesterday (February 20, 2018) and heard a presentation from Representative Chuck McGrady. There was mention of MSD and the Cane Creek issue, but the primary discussion had to do with the Committee formed by the legislature to Study Rates and Transfer/Public Enterprises. Representative McGrady explained the work of the Committee. The Committee met on February 12, 2018 in Raleigh and heard presentations from the UNC School of Government, the Department of Environmental Quality and the State Treasurer. Mr. Hartye reported that he felt the intent of Representative McGrady was to try to separate the idea of a takeover of Asheville water from the Study Committee. Representative McGrady will be writing a letter to all of the Boards concerning the Cane Creek issue.

Mr. Hartye reported that the next regular Board meeting will be held on March 21st at 2 pm. The next Right of Way Committee meeting will be held on March 28th at 9 am.

7. Report of Committees:

- a. Mr. Kelly reported that the Right of Way Committee met on January 24, 2018 and made recommendations, all of which are routine and included in this Board package.

8. Consolidated Motion Agenda:

a. Consideration of Condemnation - Fairway Drive Sanitary Sewer Rehabilitation Project:

Mr. Hartye reported that Staff and Right of Way Committee recommend authority to obtain appraisal and proceed with condemnation, if necessary.

b. Consideration of Compensation Budget - Christian Creek Interceptor:

Mr. Hartye reported that Staff and Right of Way Committee recommend approval of this compensation budget

c. Consideration of Bids - Mountain View Road Sewer Rehabilitation:

Mr. Hartye reported that this project is located in the Haw Creek area of East Asheville and consists of replacing problematic six-inch and eight-inch clay lines which are in poor condition. Approximately 1,734 LF of 8-inch DIP will

replace the old lines. The project was advertised and three bids were received on February 1, 2018 as follows: NHM Constructors in the amount of \$521,358.00; Graham County Land Company in the amount of \$514,370.00 and Thomas Construction Company in the amount of \$490,112.00. The apparent low bidder is Thomas Construction Company with a bid amount of \$490,112.00. The FY 17-18 Construction Budget is \$435,000.00. Staff believes the bids represent the current value for the work to be performed. Terry Brothers Construction did not submit a bid on this project and since they were out of contention the bids are a bit higher. The overage on this project can be made up from prior jobs which have come in under construction budget. Staff recommends award of this contract to Thomas Construction Company in the amount of \$490,112.00, subject to review and approval by District Counsel.

d. Second Quarter Budget to Actual FY18:

Mr. Powell reported that Page 27 presents the District's Second Quarter Budget to Actual Review and Expenditure Report. Domestic Revenue is at budget expectations. Industrial Revenue is trending better than budgeted expectations due to a temporary increase in revenue from one industrial user. Facility and Tap Fees are above budgeted expectations due to receiving approximately \$1.1 million from three developers in the fiscal year. Interest and miscellaneous income are above budgeted expectations. O&M expenditures are at 54% of budget which is a little bit higher than what they should be at 50%. This is due to encumbered amounts of approximately \$700,000.00 which will be spent in future periods throughout the year. Bond principal and interest expenditures are reflected at 50%. This will aid the user to properly assess debt service commitments on a budgetary perspective. Actual amount spent as of the end of the second quarter is 21.35%. This is due to the timing of the District's debt service payments. Amounts budgeted for capital equipment and capital projects are rarely expended proportionately throughout the year. Due to the timing of capital projects, this amount is considered reasonable.

e. Cash Commitment/Investment Report Month ended December, 2017:

Mr. Powell reported that Page 30 presents the makeup of the District's Investment Portfolio. There has been no change in makeup of the portfolio from the prior month. Additionally, the makeup of the District's Investment Portfolio is in accordance with the District's Investment Policy. Page 31 presents the MSD investment managers report for the month of December. The weighted average maturity of the investment portfolio is 113 days. The yield to maturity is 1.31% and exceeds the benchmark of the North Carolina Capital Management Trust government portfolio. It does not exceed the bench mark of the 6 month T-Bill. That is due to the nature of the District being in a rising rate environment. The 6 month T-bill is trending about 16-18 basis point increase a month. For MSD to extend our portfolio is probably not the wisest thing to do at this point in time. There will be a Finance Committee Meeting held in March to discuss the Investment Policy. Page 28 presents MSD's Variable Debt Service report for the month of January. The 2008 A Series bonds are

performing better than budgeted expectations. As of the end of January these issues have saved the District rate payers approximately \$5.3 million in debt service since April, 2008. There were no questions pertaining to this item.

With no further discussion, Mr. VeHaun called for a motion to approve the Consolidated Motion Agenda. Mr. Kelly moved. Mr. Watts seconded the motion. Roll call vote was as follows: 11 ayes; 0 Nays.

9. Old Business:

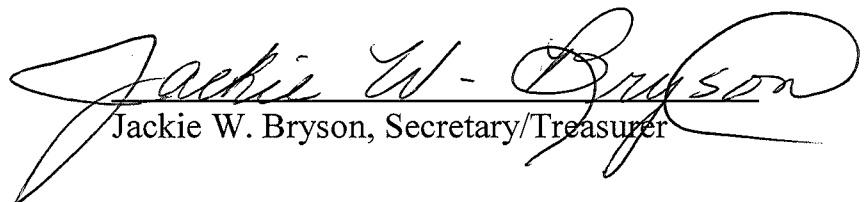
None

10. New Business:

Mr. Hartye reported on the Status Reports which are included at the back of the monthly board package. The In-House Construction report shows current, upcoming and completed projects for System Services who try to complete approximately 20,000 LF per fiscal year. The Construction Totals by Date Completed shows in-house construction status for dig ups, emergency dig ups, manhole repairs, etc. broken down by month. The Pipeline Maintenance Totals by Date Completed shows amounts of footage washed, rodded, cleaned, etc. by month. The Customer Service Requests report shows how many requests have been received, average response time and average time spent. On an average basis, response time is 30 minutes to get someone to a customer. The District is proud of this response time. The Right of Way Quarterly Summary shows status of open projects. The CIP Status Report Summary shows the status of open contracted projects and involves both the collection system jobs and treatment plant jobs. The Planning & Development Project Status Report is fairly robust due to all of the development work. This report shows name, size, linear footage and comments and is arranged by area and by zip code.

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:18 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 2/21/18

✓	Agenda Item	Presenter	Time	
	Call to Order and Roll Call	VeHaun	2:00	
	01. Inquiry as to Conflict of Interest	VeHaun	2:05	
	02. Approval of Minutes of the January 17, 2018 Board Meeting	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda.	VeHaun	2:15	
	04. Informal Discussion and Public Comment	VeHaun	2:20	
	05. Report of General Manager	Hartye	2:25	
	06. Report of Committees	VeHaun	2:35	
	a. Right of Way Committee – January 24, 2018	Kelly		
	07. Consolidated Motion Agenda	Hartye	2:40	
	a. Consideration of Condemnation – Fairway Drive	Hartye		
	b. Consideration of Compensation Budget – Christian Creek Interceptor	Hartye		
	c. Consideration of Bids: Mountain View Road Sewer Rehabilitation	Hartye		
	d. Second Quarter Budget to Actual FY18	Powell		
	e. Cash Commitment/Investment Report – Month ended December, 2017	Powell		
	08. Old Business:	VeHaun	3:00	
	09. New Business:	VeHaun	3:10	
	10. Adjournment: (Next Meeting 3/21/18)	VeHaun	3:15	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT

January 17, 2018

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Others present were: Thomas E. Hartye, PE, General Manager; William Clarke, General Counsel; Ed Bradford, Mike Stamey, Scott Powell, Jim Hemphill, Ken Stines, Julie Willingham, Peter Weed, Spencer Nay and Pam Nolan, MSD.

2. Inquiry as to Conflict of Interest:

Mr. VeHaun asked if there were any conflicts of interest with the agenda items. No conflicts were reported.

3. Approval of Minutes of the December 20, 2017 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the December 20, 2017 Board Meeting. Mr. Kelly moved for approval of the minutes as presented. Mr. Pelly seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

There was no discussion or public comment.

6. Report of General Manager:

Mr. Hartye reported that Ed Bradford and Mike Stamey will update the Board on construction projects for both in-house and contracted crews.

Mr. Bradford reported that on the Incinerator Emissions Upgrades project, the District was awarded a NACWA Environmental Achievement Award and a National Recognition Award from the American Council of Engineering in 2017.

Mr. Bradford then reported on the Plant Headworks Improvements Project which is currently underway. He presented images showing the affected area with new bar screens, fine screens with grit removal and storage area, the area where the old chlorine building was demolished and images of the ongoing work. He presented images showing the magnetic flow meters and explained their purpose. They can be used for wastewater and water, but not for natural gas, oil, or fluids that don't conduct electricity. These meters run around \$20,000 each but are very accurate. This project

is comprised of replacing the existing bar screens at the head of the plant; adding new fine screens with grit removal that works; and adding a surge system for peak flow conditions, utilizing the two digester tanks at 2.1 MG each. The Board awarded this project at the January, 2017 Board Meeting with a construction cost of approximately \$8.9 million. Work began in spring of last year and is expected to be complete about a year from now.

Mr. Bradford then reported on the High Rate Primary Treatment. He presented an image of the primary micro-screens and stated that they do not work and never worked very well. This project will add significant improvement to the plants internal process. There is not primary treatment after screening and grit removal at this time. This was a very tight fit due to site conditions with the mountain behind and the rest of the surrounding plant works. This will help the RBC's perform better and will also help the plant better treat peak flows because the treatment can be ramped up and down as necessary. The design process is underway with CDM and construction scheduled to begin in early 2019. The construction cost is currently estimated at \$15 million. Mr. Bradford presented an image of the 3D model software which was used on these last four projects at the plant. It is very powerful, in that all of the piping and everything is generated where you can move the walls, you can do a virtual tour and also determine piping conflicts. On complex projects like these it is very handy. Construction plans will actually be generated from this software.

Mr. Bradford presented the CIP Status Report, stating this report is posted on line and mirrors the current Capital Improvement Program with the status of each project included. This report is updated quarterly.

Mr. Kelly asked who are the five largest users sending wastewater to the plant. Mr. Hartye stated that Milkco was in the top five. Mr. Kelly asked if the breweries fell in line after that. Mr. Hartye stated that the County and Mission Hospital are next and then the major breweries, Sierra Nevada and New Belgium. Mr. Kelly asked if there was any differential rate for those who send dirtier water. Mr. Hartye stated that there was a surcharge for industrial customers. Anything over 250 mg. per liter we charge per pound BOD, which is the strength of the waste and per pound TSS which is the amount of solids in the wastewater. Anything above normal residential background is charged more. Mr. Kelly asked if someone like Milkco and the breweries would fall into that category. Mr. Hartye stated yes. There was some discussion regarding the industrial make up of users in comparison to commercial and residential. With no further questions, he turned the presentation over to Mike Stamey.

Mr. Stamey highlighted the Construction Inspections Group who perform inspections for projects done by outside contractors constructing MSD projects. The first project was the Commerce Street Sewer Rehabilitation Project. Commerce Street runs between Cox Avenue and Church Street in Asheville, one street over from Patton Avenue. This project included replacing about 478 linear feet of 8-inch sewer main. Terry

Brothers Construction was the contractor. There were several concerns on this project, the first being the amount of congestion observed before the start of the project. This is a one way street with a lot of heavy vehicle and pedestrian traffic. There was a lot of activity from the businesses that front on Patton Avenue so there was a concern regarding shutting the road down during the project. Staff took several communication steps to let everyone know what was happening. This included phone calls, mailings, door hangers, social media, and installing a 4' x 6' sign about a month before construction. Mr. Stamey stated that he felt these steps reduced headaches and problems during construction. The second big issue was conflicts with other utilities, both overhead and underground. Mr. Stamey presented images of low hanging power lines and phone lines explaining that these caused havoc with the contractor trying to move his equipment and materials up and down the street. He presented images of gas utility lines buried at very shallow depths, along with phone lines, fiber lines and Charter Communication lines. At the upper end of the project, the last 100 feet, the contractor encountered a gas main line where the last manhole needed to be placed. PSNC worked very close with them, and relocated the gas line so the sewer line could be installed in the right location. The other conflict on this project was elbow room. By the time they dug the trench and had excavators, other equipment and people on the job site, it was a very tight fit. Mr. Stamey presented an image from November 30, 2017 of the completed work and stated that overall the project went very well.

Mr. Stamey reported on the Hendersonville Road @ Peachtree Road project which was also constructed by Terry Brothers Construction. It included replacing 1,130 linear feet of sewer in Hendersonville Road adjacent to the Walmart shopping center and movie complex. One of the big issues was that NCDOT required this project to be constructed between 9 pm and 7 am. By 7 am the road had to be open for rush hour traffic. A lot of this construction occurred in the colder days in December. Each night the contractor would start at 9 pm, dig the trench down 8-10 feet, install 20 feet of sewer line and back fill. At 6 am they would have the asphalt trucks come in to have everything complete by 7 am.

Mr. Stamey reported on the Elkwood Avenue Sewer Rehabilitation project in Woodfin. Thomas Construction is the contractor for this project. To date, they have replaced approximately 550 linear feet of the total 4,700 linear feet. This project runs from Merrimon Avenue at Nick's Grill up Elkwood Avenue to the Old Burnsville Hill area on Riverside Drive.

Upcoming CIP projects include Hendersonville Road @ Rosscraggon Drive project in South Asheville, the Jonestown Road project in Woodfin and Sutton Avenue project in Black Mountain. Terry Brothers Construction is the contractor for all of these projects.

Mr. Stamey then highlighted some recent activities for the In-House Construction Crews. The Manila Street Sewer Rehabilitation project in West

Asheville is one of the larger projects consisting of replacing 654 linear feet of old vcp. He presented images of this work and stated that staff worked very closely with the Water Department on this project as they will be replacing the water line in the next few months. When the repaving is done in the spring, both utilities will be replaced and there will be no further digging in new asphalt. Mississippi Road in Montreat consisted of replacing a 4-inch orangeburg pipe that was broken and in very poor condition. The residents of this area were having issues because the sewer line was too shallow and they couldn't get proper service. Staff replaced 143 linear feet of sewer on that street and encountered rock. Mr. Stamey presented images of this work. Mr. Stamey also reported that in November, the Division of Water Quality had some issues with two private service lines on Wilson Creek Drive close to Caribou Road and asked for MSD's assistance. The lines were broken down and sewer was leaking into the creek. Mr. Stamey presented images of this work.

Mr. Stamey reported on two up-coming in-house projects. Governor's View Road in East Asheville consists of replacing 800 linear feet of sewer line. Laurel Road in Royal Pines consists of replacing 450 linear feet of sewer line and Willamette Circle in Weaverville consists of replacing 250 linear feet of sewer line. There were no questions or discussion.

Mr. Hartye reported that Tony Holland of 25 Noel Lane in Black Mountain called in to let MSD know how great Mike Rice, Jamie Foxx and McKinley Hensley's crew were. Thanks also to Brandon Flynn, Grayson Hensley and Carl Ellington.

Mr. Hartye reported that Ms. Severse of 26 Deaver Circle expressed her appreciation of MSD crews that were "amazing and so nice and friendly". Thanks to Lee Plemmons and Chris Johnson.

Pam with Bayshore at 29 Melton Drive complimented Mike Rice and Jamie Foxx on how thorough and nice the gentlemen were in the way they handled everything.

Mr. Hartye reported that attached are articles and commentary regarding the CCWSD consolidation issue from last month.

Mr. Hartye reported that Mary Alice Hunter will be retiring after 26 years. She will be sorely missed. There will be a celebration of her retirement on January 24, 2018 at 3 pm at the Woodfin Community Center.

Mr. Hartye reported the next Right of Way Committee meeting will be held on January 24, 2018 at 9 am. The next regular Board Meeting will be held on February 21, 2018 at 2pm.

7. Consolidated Motion Agenda:

a. Consideration of Annual Meeting Dates FY2018:

Mr. Hartye presented the Annual Meeting Dates for 2018.

b. Consideration of Budget Calendar FY 2017-18

Mr. Hartye presented the Budget Calendar for FY 2018-2019. MSD is required to have a Preliminary Budget no later than June 1 and a Final Budget no later than June 15.

c. Consideration of Bids: Hendersonville Road @ Rosscraggon Phase II:

Mr. Hartye reported that this project is located in South Asheville near Lake Julian. The total project length is 4,118 LF. It is comprised of 1,683 LF of 8-inch and 1,136 LF 12-inch dig and replace and 1,300 LF of pipe bursting. The project was advertised and two bids were received on December 19, 2017. The project was therefore re-advertised and two bids were again received on January 4, 2018 in the following amounts: Dillard Excavating Company in the amount of \$1,685,415.00 and Terry Brothers Construction Company in the amount of \$1,258,010.80. The apparent low bidder is Terry Brothers Construction Company in the amount of \$1,258,010.80. Terry Brothers has successfully completed numerous projects for MSD. The FY17-18 Construction Budget for this project is \$1,433,669.00. Staff recommends award of this contract to Terry Brothers Construction Company in the amount of \$1,258,010.80, subject to review and approval by District Counsel.

d. Consideration of Bids: Jonestown Road Sanitary Sewer Rehabilitation Project:

Mr. Hartye reported that this project is located in Woodfin and consists of approximately 2,335 LF of 8-inch DIP to be installed using dig and replace and 1,140 LF of 8-inch HDPE will be installed by pipe bursting along Jonestown Road. The project was advertised and two bids were received on December 19, 2017. The project was therefore re-advertised and two bids were again received on January 4, 2018 in the following amounts: Thomas Construction Company in the amount of \$819,824.00 and Terry Brothers Construction Company in the amount of \$725,002.10. The apparent low bidder is Terry Brothers Construction Company in the amount of \$725,002.10. Terry Brothers has successfully completed numerous projects for MSD. The FY17-18 Construction Budget for this project is \$809,375.00. Staff recommends award of this contract to Terry Brothers Construction Company in the amount of \$725,002.10, subject to review and approval by District Counsel.

e. Consideration of Contract for Design Survey: South French Broad Relief Interceptor:

Mr. Hartye reported that this is a large interceptor (8 miles) running primarily through the Biltmore Estate. It will parallel the existing 36-inch line. In the mid to late 1990's all of the interceptors were upsized south of this point, from Lake Julian all the way down to the Estate but not through the Estate. In the spring of 2017 there was an SSO on the Biltmore Estate and MSD Staff took that opportunity to meet with Mr. Cecil and Estate Management. They understand the reasoning of why this parallel interceptor needs to be constructed. Surveying for this was originally scheduled for next fiscal year but Staff has accelerated the timeframe. This is going to be a fairly tough project for not only right-of-way but also design due to the tight fit. Staff issued a Request for Qualifications for the survey and received responses from six competent firms. After careful consideration of each firm's strengths, the most qualified for this project is NC Survey PC (formerly Webb Morgan Associates) as they are familiar with the unique aspects of the Estate. The price for this eight mile survey is \$94,300.00 which also includes a wetlands delineation survey. This price is very competitive and represents a good value for the work to be performed. Completion is expected by summer of 2018. Design surveys are currently shown in next year's budget in the amount of \$140,000.00. There are sufficient funds in the CIP Contingency to cover this work. Staff recommends award of the survey contract to NC Survey PC in the amount of \$94,300.00 subject to review and approval by District Counsel.

f. Consideration of Developer Constructed Sewer System: Woodbridge Park:

Mr. Hartye reported that the Woodbridge Park project is located inside the District boundary off School Road East in Buncombe County and consisted of 615 linear feet of 8-inch public gravity sewer to serve a 20 unit single family residential development.

Staff recommends acceptance of the aforementioned developer constructed sewer system. All MSD requirements have been met.

g. Consideration of Procurement of Dump Trucks:

Mr. Hartye reported that at the March 23, 2017 Equipment Replacement Committee meeting, members recommended the purchase of two new dump truck replacements. Funds for this purchase were included in the 2017-2018 Budget. Pursuant to NC Purchasing Statutes and MSD Procedures, bids for the dump trucks were emailed to four vendors and an advertisement placed on the MSD web site. Three bid packages were received and opened on December 20, 2017 in the following amounts: The Pete Store in the amount of \$150,775.00, MHC Kenworth in the amount of \$170,791.00 and Rush Truck

Center/International in the amount of \$139,547.00. The apparent low bidder is Rush Truck Center in the amount of \$139,547.00. The total cost of this contract will be \$279,094.00. \$290,000.00 was budgeted for this item in the 2017-2018 Fleet Replacement Fund. Staff recommends award of this bid to Rush Truck Center/International in the amount of \$279,094.00, subject to review and approval by District Counsel.

h. Consideration of Crown Atlantic Company LLC Cell Tower Lease Renewal:

Mr. Powell reported that in FY 2000, the District entered into a cell tower lease agreement with Crown Atlantic. The lease provided Crown the right to lease a 200' by 235' parcel of land for a cell tower. Crown has complied with all existing terms of the lease. The District currently receives roughly \$21,900.00 in annual lease payments. In FY2017 Crown expressed to amend the term of the current lease for an additional 25 years. They are in their third five year period and in good standing with the District. Staff recommends the Board authorize the General Manager and Legal Counsel to execute the negotiated lease agreement.

i. Cash Commitment/Investment Report Month ended November, 2017:

Mr. Powell reported that Page 75 presents the makeup of the District's Investment Portfolio. There has been no significant change in the makeup of the portfolio from the prior month. Page 76 presents the MSD investment managers report for the month of November. The weighted average maturity of the investment portfolio is 109 days. The yield to maturity is 1.2% and exceeds our bench mark of the NCCMT portfolio but we are still lagging a little below the 6 month T-bill. Mr. Powell stated that he would like to have a Finance Committee meeting to review the investment policy. He will be reaching out to the Finance Committee to schedule a date. Page 77 presents the District's analysis of cash receipts. YTD and Monthly domestic user fees are considered reasonable based on timing of cash receipts and historical trends. The industrial user fees are considered reasonable taking into consideration a temporary increase in revenue from one industrial user. YTD facility and tap fees are above budgeted expectations due to receiving \$1.1 million in facility fees from three developers. Page 78 is an analysis of the District's Expenditures. O&M, Debt Service and Capital Projects expenditures are considered reasonable based on historical trends and timing of capital projects. Page 79 presents the MSD Variable Debt Service report for the month of December. The 2008A Series is performing better than budgeted expectations. As of the end of December this issue has saved the District rate payers approximately \$5.3 million in debt service since April, 2008. Mr. Kelly referenced Page 80 regarding the last sentence reading "MSD would pay \$3.4 million to terminate the existing Bank of America Swap Agreement" and asked what would have to happen to get that fee down to zero. Mr. Powell

stated that the Ten Year Treasury would have to go up roughly 150 basis points; it is now at approximately 2.56%. Ms. Manheimer asked if the tax bill affected the District's financing in any way. Mr. Powell stated that when the District went out for a new debt issuance they also took the last opportunity for refunding. With the current bill, the item that is really affected for issuing debt is advance refunding. The only debt that the District has for potential refunding would be the 2008A Series that has a swap. Because of it being variable in nature, that refunding would be a current refunding and all current refundings are tax exempt. It is only advance refundings that are considered taxable. Ms. Manheimer asked if we have done those in the past. Mr. Powell stated yes, that it depends on the nature of the market. He further stated that the reduction in the corporate rate will also have an impact on future debt issuances because of the 35% tax rate vs. 20%. As it stands now, the District took advantage of the market before those tax changes took effect. There was some discussion regarding why the change was put into tax legislation.

With no further discussion, Mr. VeHaun called for a motion to approve the Consolidated Motion Agenda. Mr. Watts moved. Ms. Wisler seconded the motion. Roll call vote was as follows: 10 Ayes; 0 Nays.

8. Old Business:

Ms. Manheimer reported that Representative McGrady has requested to come before the joint meeting of Buncombe County and Asheville to explain what he is trying to do with his Study Committee and dispel all of the misunderstandings. The County and City are working to schedule their joint meeting on March 13, 2018. They are going to ask Representative McGrady to come to this joint meeting and she asked that Staff and this Board might attend. When this meeting is confirmed in terms of the date and time, Ms. Manheimer is going to ask the rest of the Legislative Delegation to attend so that everyone is hearing the same thing at the same time. Representative McGrady will also be doing this for Henderson County at their Commissioner's Meeting. Ms. Manheimer will advise when the meeting date and time is confirmed.

9. New Business:

None.

10. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:47 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: February 16, 2018
SUBJECT: Report from the General Manager

- Kudos
 - Attached is a letter from Lucinda Bickers of Swannanoa expressing her appreciation. Thanks to R.L. Haynes and the in-house construction crews for a job well done.
 - Attached is a transcription of a call received from Barbara Moore of Ridgecrest expressing her appreciation. Thanks to Grady Brooks and Billy Cantrell.
- GFOA Distinguished Budget Award

MSD has once again received the Distinguished Budget Presentation Award from the Government Finance Officers Association (GFOA) for the Fiscal Year 2018 budget. Many thanks to the great effort put forth by Teresa Gilbert and Scott Powell.

- Board/Committee Meetings/Events

The next Regular Board Meeting will be held on March 21st at 2 pm. The next Right of Way Committee meeting will be held on March 28th at 9 am.

Lucinda Bickers
211 Wilson Ave.
Swannanoa, NC 28778
828-768-1606

January 29, 2018

Tom Hartye, General Manager
Jim Hemphill, Human Resources Director
MSD of Buncombe County, N.C.
2028 Riverside Dr.
Asheville, NC 28804

Dear Mr. Hartye and Mr. Hemphill:

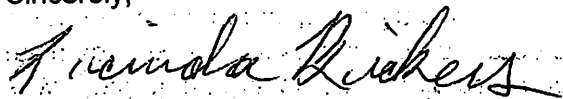
I am writing to express my appreciation for the professionalism, politeness, and hard work demonstrated by the MSD construction crew replacing the sewer line in front of my house in Swannanoa in November of last year. Prior to the work beginning, R.L. Haynes, the MSD Construction Manager, took the time to explain exactly what his team would be doing, why it needed to be done, described the possible complications, and generally was heartening and informative. He gave me his card with his direct phone number and encouraged me to call him if I had questions or concerns. You have no idea how much that meant to me as a homeowner being faced with a disruption in my daily life.

His workers were equally polite and friendly. They all answered any questions, no matter how silly, I had about the job and equipment and were willing to chat briefly if they had a few minutes. I was surprised at how informed about the job each one was, as well as how well they communicated, particularly with a woman as nosy and curious as I am! Patience and tolerance were definitely in abundance.

I felt sorry for all of them as the dust was terrible due to lack of rain. I know I was suffering from irritation of my sinuses as well as having to keep the windows and doors closed. I could not imagine how miserable they were working in it. Yet I saw no indication of discomfort or irritability, and they would not let me bring water or other fluids. They all said they had everything they needed.

All in all, for such an uncomfortable situation that lasted for almost a month around the Thanksgiving holiday, it was an extremely positive experience. As far as I'm concerned, these men earned every penny of their salary and then some. I am grateful to the MSD for hiring and training such dedicated workers. It has increased my confidence in any future projects. Thank you.

Sincerely,



Lucinda Bickers

Cc: Black Mountain News
Asheville Citizen Times

Subject: FW: RECOGNITION ON QUICK RESPONSE ON A CALL

Date: Thursday, February 15, 2018 at 9:04:06 AM Eastern Standard Time

From: Tolley, Lisa

To: Hartye, Tom

CC: Thomas, Pam, Bates, Ricky, Capizzi, Jason

W:250022. This included Grady Brooks and Billy Cantrell.

From: Phillips, Linda

Sent: Monday, February 12, 2018 9:42 AM

To: Tolley, Lisa

Subject: RECOGNITION ON QUICK RESPONSE ON A CALL

Lisa,

Mrs. Barbara Moore called in from Ridgecrest this morning. She said they were on their way to church yesterday morning(Sunday, Feb.11th), they seen a m/h overflowing on their way out. Her husband called in to report. They spoke to Grady, he said he would be coming from Burnsville and gave them an idea of how long it would take him to get there. She said by the time they were coming back in from church, it had been taken care of, all cleaned up. They wanted him and M.S.D. to know how much they appreciated the quick response.

This took place on Moore Circle.

Thanks,

Linda



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Metropolitan Sewerage District of Buncombe County
North Carolina**

For the Fiscal Year Beginning

July 1, 2017

Christopher P. Morill

Executive Director

**RIGHT OF WAY
COMMITTEE RECOMMENDATIONS
AND MINUTES
January 24, 2018**

I. Call To Order

The regular monthly meeting of the Right of Way Committee was held in the Boardroom of the William H. Mull Building and called to order at 9:01 a.m. on Wednesday, January 24, 2018. The following Right of Way Committee members were present: Glenn Kelly, Matt Ashley, Jackie Bryson, Ellen Frost & Chris Pelly.

Others present were: Jerry VeHaun, Chairman of the Board; Al Root and Bob Watts, Board Members; Tom Hartye, PE, General Manager; Angel Banks, Ed Bradford, Hunter Carson, Mike Stamey and Pam Nolan, MSD.

II. Inquiry as to Conflict of Interest

Mr. Kelly inquired if anyone had a conflict of interest with Agenda items. There were none.

III. Consideration of Condemnation–Fairway Drive SSR, Project No. 2017165

Property Owner: Deborah D. Applewhite, Pin Number 9668-07-1283 –

Subject parcel is improved with a single family residence located along Fairway Drive in East Asheville. The existing sewer line runs along the length of the rear property line to the north. The engineer is shifting the alignment slightly in efforts to preserve a buffer of hemlock trees along the rear property line. The property owner's main concern is the loss of buildable area; however the entire proposed easement area is located within the rear (25') setback. Staff has explained this fact to the property owner. The property owner is also not satisfied with the compensation (\$5,857) offered, and has not provided a counteroffer. Owner is unwilling to move forward at this point.

Total Contacts: 4

STAFF RECOMMENDATION: Authority to obtain appraisal and proceed with condemnation, if necessary.

Ms. Banks presented a map showing the location of this parcel and explained the above situation. Mr. Stamey reported that to minimize disturbance to the owner's concrete driveway, her back yard and the neighbor's back yard, the plan is to use the directional drilling technique of pipe reaming. This is a trenchless technology method that will reduce the amount of digging. If this goes as planned they will be able to bore underneath her driveway without causing a lot of disturbance other than when her service is tied back in. The current line is 4-inch orangeburg pipe in really poor condition and last January there was a sewer leak in her back yard. Mr. Pelly asked if the orangeburg pipe was to her house or the main line. Mr. Stamey stated it was the

main line. Ms. Banks pointed out that by using the reaming technique they also will avoid disturbing the carport. Ms. Banks also stated that this property owner is the sewer user who originally called in the sewer leak and wanted the line fixed. Mr. Ashley asked if the whole reason for moving the line is to save the vegetation. Ms. Banks stated yes. Mr. Stamey stated that when they first talked to her and her neighbor that was the item of concern. He also stated that the neighbor is not served by this sewer, their service line goes out to a different street. Mr. Pelly asked if she still is not supporting it, even though she is getting compensated. Ms. Banks stated no. Mr. Ashley asked if she had stated a reason, is it that she thinks she is losing buildable space even though she is not. Ms. Banks stated that she originally told Staff that her concern was loss of buildable area. The permanent easement is completely contained within the 25' rear set back and this has been explained to owner. Mr. Ashley asked if there was currently an easement on record. Ms. Banks stated no.

There was no further discussion. Mr. Kelly made the motion to accept Staff's recommendation. Ms. Frost seconded the motion. Voice vote was unanimous.

IV. Consideration of Compensation Budget – Christian Creek Interceptor, Project No. 2011110

The attached Compensation Budget is based on current ad valorem tax values and follows the MSD approved formula.

STAFF RECOMMENDATION: Approval of Compensation Budget.

Ms. Banks explained that this project is located in Swannanoa, beginning where Porter's Cove Road comes off of I-40 and running to Buckeye Cove Road. This project consists of approximately 12,315 linear feet (about 2.3 miles) making this one of the largest projects currently on the CIP. It consists of replacing 8-inch clay line with 8-inch, 12-inch, and 16-inch DIP. The current construction cost estimate is around 4 million. There was no discussion. Mr. Kelly made the motion to accept Staff's recommendation. Ms. Frost seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budgets.

V. Quarterly Report – Second Quarter

Attached you will find a Project Status Summary for all active acquisition projects. This report provides information on percentage of easements complete, percentage of compensation expended and comments on condemnations. This information is provided for your review.

STAFF RECOMMENDATION: For information only. No action required.

There was no discussion regarding the Quarterly Reports.

VI. Handout of 2018 Meeting Schedule

There was no discussion regarding the 2018 Meeting Schedule.

There being no further business the meeting adjourned at 9:10 am.

Metropolitan Sewerage District of Buncombe County

Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 1/24/2018

BOARD MEETING DATE: 2/21/2018

SUBMITTED BY: Tom Hartye, PE, General Manager
PREPARED BY: Angel Banks, Right of Way Manager
REVIEWED BY: Ed Bradford, PE, Director of CIP

**SUBJECT: Consideration of Condemnation–
Fairway Drive SSR, Project No. 2017165**

Property Owner: Deborah D. Applewhite, Pin Number 9668-07-1283 –

Subject parcel is improved with a single family residence located along Fairway Drive in East Asheville. The existing sewer line runs along the length of the rear property line to the north. The engineer is shifting the alignment slightly in efforts to preserve a buffer of hemlock trees along the rear property line. The property owner's main concern is the loss of buildable area, however the entire proposed easement area is located within the rear (25') setback. Staff has explained this fact to the property owner. The property owner is also not satisfied with the compensation (\$5,857) offered, and has not provided a counteroffer. Owner is unwilling to move forward at this point.

Total Contacts: 4

STAFF RECOMMENDATION: Authority to obtain appraisal and proceed with condemnation, if necessary.

Ms. Banks presented a map showing the location of this parcel and explained the above situation. Mr. Stamey reported that to minimize disturbance to the owner's concrete driveway, her back yard and the neighbor's back yard, the plan is to use the directional drilling technique of pipe reaming. This is a trenchless technology method that will reduce the amount of digging. If this goes as planned they will be able to bore underneath her driveway without causing a lot of disturbance other than when her service is tied back in. The current line is 4-inch orangeburg pipe in really poor condition and last January there was a sewer leak in her back yard. Mr. Pelly asked if the orangeburg pipe was to her house or the main line. Mr. Stamey stated it was the main line. Ms. Banks pointed out that by using the reaming technique they also will avoid disturbing the carport. Ms. Banks also stated that this property owner is the sewer user who originally called in the sewer leak and wanted the line fixed. Mr. Ashley asked if the whole reason for moving the line is to save the vegetation. Ms. Banks stated yes. Mr. Stamey stated that when they first talked to her and her neighbor that was the item of concern. He also stated that the neighbor is not served by this sewer, their service line goes out to a different street. Mr. Pelly asked if she still is not supporting it, even though she is getting compensated. Ms. Banks stated no. Mr. Ashley asked if she had stated a reason, is it that she thinks she is losing buildable space

even though she is not. Ms. Banks stated that she originally told Staff that her concern was loss of buildable area. The permanent easement is completely contained within the 25' rear set back and this has been explained to owner. Mr. Ashley asked if there was currently an easement on record. Ms. Banks stated no.

There was no further discussion. Mr. Kelly made the motion to accept Staff's recommendation. Ms. Frost seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Authority to obtain appraisal and proceed with condemnation, if necessary.

Metropolitan Sewerage District of Buncombe County
Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 1/24/2018

BOARD MEETING DATE: 2/21/2018

SUBMITTED BY: Tom Hartye, PE, General Manager
PREPARED BY: Angel Banks, Right of Way Manager
REVIEWED BY: Ed Bradford, PE, Director of CIP

SUBJECT: Consideration of Compensation Budget –

Christian Creek Interceptor, Project No. 2011110

The attached Compensation Budget is based on current ad valorem tax values and follows the MSD approved formula.

STAFF RECOMMENDATION: Approval of Compensation Budget.

Ms. Banks explained that this project is located in Swannanoa, beginning where Porter's Cove Road comes off of I-40 and running to Buckeye Cove Road. This project consists of approximately 12,315 linear feet (about 2.3 miles) making this one of the largest projects currently on the CIP. It consists of replacing 8-inch clay line with 8-inch, 12-inch, and 16-inch DIP. The current construction cost estimate is around 4 million. There was no discussion. Mr. Kelly made the motion to accept Staff's recommendation. Ms. Frost seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budgets.

Christian Creek Interceptor

Project Number: 2011110

Compensation Budget

14-Jan-18

Pin Number and Name		Acres	Parcel SF	Land Value	LV/SF	Net PE SF	PE Assd. Value	50% PE Assd. Value	TCE SF	TCE Assd. Value	10% Annl Return	Proj Time	TCE Rent Value	Total Comp. (Rounded)		
27 Pin	83 Pin															
	9678574266	Alamour	Ashraf	0.53	23,086.80	\$69,600.00	\$3.01	0.00	\$0.00	\$0.00	866.54	\$2,608.29	\$260.83	16	\$347.77	\$348
	9678870758	Asheville Home Builders A		0.32	13,939.20	\$20,900.00	\$1.50	101.30	\$151.95	\$75.98	1,689.71	\$2,534.57	\$253.46	16	\$337.94	\$414
	9678982183	Austin	Dennis	0.43	18,730.80	\$28,100.00	\$1.50	1,168.83	\$1,753.25	\$876.62	1,753.25	\$2,629.88	\$262.99	16	\$350.65	\$1,227
	9678475650	Austin	Kenneth	0.45	19,602.00	\$29,400.00	\$1.50	1,755.80	\$2,633.70	\$1,316.85	5,447.87	\$8,171.81	\$817.18	16	\$1,089.57	\$2,406
	9678579173	Babbitt	Clayton	1.24	54,014.40	\$42,400.00	\$0.79	0.00	\$0.00	\$0.00	2,617.94	\$2,068.17	\$206.82	16	\$275.76	\$276
	9678473569	Blue Vista Inc.		1.00	43,560.00	\$66,000.00	\$1.52	2,066.44	\$3,140.99	\$1,570.49	4,030.52	\$6,126.39	\$612.64	16	\$816.85	\$2,387
	9678665911	Brookhaven Village HOA		4.77	207,781.20	\$229,000.00	\$1.10	15,426.51	\$16,969.16	\$8,484.58	14,225.90	\$15,648.49	\$1,564.85	16	\$2,086.47	\$10,571
	9678989216	Buckeye Properties		6.02	262,231.20	\$394,000.00	\$1.50	1,695.60	\$2,543.40	\$1,271.70	9,006.96	\$13,510.44	\$1,351.04	16	\$1,801.39	\$3,073
	9678778815	Farmbound Holdings LLC		1.68	73,180.80	\$110,400.00	\$1.51	2,566.58	\$3,875.54	\$1,937.77	5,584.99	\$8,433.33	\$843.33	16	\$1,124.44	\$3,062
	9678870706	FMO Real Estate LLC		0.06	2,613.60	\$2,600.00	\$0.99	0.00	\$0.00	\$0.00	678.49	\$671.71	\$67.17	16	\$89.56	\$90
	9678473467	FMO Real Estate LLC		0.07	3,049.20	\$4,600.00	\$1.51	1,439.42	\$2,173.52	\$1,086.76	1,120.41	\$1,691.82	\$169.18	16	\$225.58	\$1,312
	9678983037	Fox	Doris	1.53	66,646.80	\$43,500.00	\$0.65	2,239.67	\$1,455.79	\$727.89	3,363.42	\$2,186.22	\$218.62	16	\$291.50	\$1,019
	9678982379	Freeman	Charles	0.90	39,204.00	\$78,400.00	\$2.00	2,441.59	\$4,883.18	\$2,441.59	3,662.38	\$7,324.76	\$732.48	16	\$976.63	\$3,418
	9678988425	Freeman	Charles	1.53	66,646.80	\$134,200.00	\$2.01	6,941.66	\$13,952.74	\$6,976.37	7,350.13	\$14,773.76	\$1,477.38	16	\$1,969.83	\$8,946
	9678376271	Gotham Properties LLC		3.28	142,876.80	\$214,300.00	\$1.50	921.26	\$1,381.89	\$690.95	5,111.79	\$7,667.69	\$766.77	16	\$1,022.36	\$1,713
	9678871939	Home Builders Assoc. of G		3.00	130,680.00	\$196,000.00	\$1.50	2,541.07	\$3,811.61	\$1,905.80	8,527.69	\$12,791.54	\$1,279.15	16	\$1,705.54	\$3,611
	9678888093	Morris	Ralph	1.68	73,180.80	\$33,900.00	\$0.46	3,052.65	\$1,404.22	\$702.11	3,504.00	\$1,611.84	\$161.18	16	\$214.91	\$917
	9678980029	Morris	Ralph	3.29	143,312.40	\$91,900.00	\$0.64	7,225.44	\$4,624.28	\$2,312.14	10,825.22	\$6,928.14	\$692.81	16	\$923.75	\$3,236
	9678772109	Olde Williamsburg Condo		0.51	22,215.60	\$24,500.00	\$1.10	561.75	\$617.93	\$308.96	998.77	\$1,098.65	\$109.86	16	\$146.49	\$455
	9678876843	Seitz	Jeffrey	2.20	95,832.00	\$58,600.00	\$0.61	3,426.04	\$2,089.88	\$1,044.94	7,364.95	\$4,492.62	\$449.26	16	\$599.02	\$1,644
	9678873988	Seitz	Jeffrey	0.69	30,056.40	\$30,000.00	\$1.00	2,434.72	\$2,434.72	\$1,217.36	3,617.56	\$3,617.56	\$361.76	16	\$482.34	\$1,700
	9678885038	Seitz	Jeffrey	2.61	113,691.60	\$63,900.00	\$0.56	5,380.08	\$3,012.84	\$1,506.42	6,489.90	\$3,634.34	\$363.43	16	\$484.58	\$1,991
	9678775272	Sleepy Hollow HOA of As		2.43	105,850.80	\$116,000.00	\$1.10	1,279.91	\$1,407.90	\$703.95	5,113.86	\$5,625.25	\$562.52	16	\$750.03	\$1,454
	9678774825	Transmountain Investment		4.50	196,020.00	\$294,000.00	\$1.50	78.13	\$117.20	\$58.60	1,278.83	\$1,918.25	\$191.82	16	\$255.77	\$314
	9678576255	West	Herman	1.40	60,984.00	\$270,700.00	\$4.44	1,367.09	\$6,069.88	\$3,034.94	3,417.08	\$15,171.84	\$1,517.18	16	\$2,022.91	\$5,058
	0000000000	Wright	Doris	3.28	142,876.80	\$214,300.00	\$1.50	10,463.60	\$15,695.40	\$7,847.70	9,922.49	\$14,883.74	\$1,488.37	16	\$1,984.50	\$9,832

Christian Creek Interceptor

Project Number: 2011110

Compensation Budget

14-Jan-18

Pin Number and Name		Acres	Parcel SF	Land Value	LV/SF	Net PE SF	PE Assd. Value	50% PE Assd. Value	TCE SF	TCE Assd. Value	10% Annl Return	Proj Time	TCE Rent Value	Total Comp. (Rounded)
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27 Pin 83 Pin

TOTALS:	\$70,477
Staff Contingency:	\$15,000
GM's Contingency	\$15,000
Amendment	
Total Budget:	\$100,477

**Metropolitan Sewerage District of Buncombe County
BOARD ACTION ITEM**

BOARD MEETING DATE: February 21, 2018

SUBMITTED BY: Tom Hartye, P.E. - General Manager

PREPARED BY: Ed Bradford, P.E. - Director of Engineering
Hunter Carson, P.E. - Project Manager

SUBJECT: Consideration of Bids: Mountain View Road Sanitary Sewer Rehabilitation Project, MSD Project No. 2014001

BACKGROUND: This project is located in the Haw Creek area of East Asheville, in the vicinity of the State Highway Patrol station on US70. It consists of replacing problematic six and eight-inch clay lines, which are in poor structural condition and have caused numerous maintenance problems.

Approximately 1,734 LF of 8-inch DIP will be installed to replace the old lines.

The project was advertised and three bids were received on February 1, 2018 in the following amounts:

<u>Contractor</u>	<u>Bid Amount</u>
1) NHM Constructors	\$521,358.00
2) Graham County Land Co.	\$514,370.00
3) Thomas Construction Co.	\$490,112.00

The apparent low bidder is Thomas Construction Co. with a bid amount of \$490,112.00. Thomas has previously completed one MSD sewer rehabilitation project and is currently working on another. Their work quality has been excellent to date.

The construction budget is \$435,000.00. The overage is primarily due to three bid items - eight-inch DIP, four-inch PVC, and the manhole pricing. Staff believes the bids represent the current value for the work to be performed, and recommends proceeding.

Please refer to the attached documentation for further details.

FISCAL IMPACT: The FY17-18 Construction Budget for this project is \$435,000.00. Sufficient funds are available in the Contingency for the overage.

STAFF RECOMMENDATION: Staff recommends award of this contract to Thomas Construction Co. in the amount of \$490,112.00, subject to review and approval by District Counsel.

METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY, NORTH CAROLINA

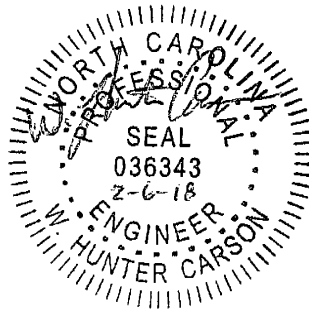
**Mountain View Road Sewer Rehabilitation
Project No. 2014011**

**BID TABULATION
February 1, 2018**

BIDDER	MBE Form	Bid Forms (Proposal)	TOTAL BID AMOUNT
NHM Constructors, LLC Asheville, NC	1	Yes	\$521,358.00
Graham County Land Company, LLC Robbinsville, NC	1	Yes	\$514,370.00
Thomas Construction Company Johnson City, TN	1	Yes	\$490,112.00

APPARENT LOW BIDDER

W. Hunter Carson, P.E.
Project Engineer
Metropolitan Sewerage District of
Buncombe County, North Carolina



This is to certify that the bids tabulated herein were publicly opened and read aloud at 2:30 p.m. on the 1st day of February, 2018, in the W.H. Mull Building at the Metropolitan Sewerage District of Buncombe County, Asheville, North Carolina. This was an informal bid and no bid bonds were required.

Interoffice Memorandum

TO: Tom Hartye, General Manager

FROM: Ed Bradford, Director of Engineering
Hunter Carson, Asst. Director of Engineering

DATE: February 8, 2018

RE: Mountain View Road Sewer Rehabilitation, MSD Project No. 2014011

The Mountain View Road Sanitary Sewer Rehabilitation project is located in the Haw Creek community of East Asheville, approximately 0.3 mile east of the New Haw Creek Road/Tunnel Road intersection. Approximately 1,734 linear feet of 8-inch DIP sewer line will be installed to replace existing 6-inch and 8-inch VCP.

Pipe fractures, holes, and numerous manhole overflows have resulted in more than 26 customer service requests over the past decade. This project ranks highly in the CIP Pipe Rating system with a score of 65. The high Pipe Rating is attributed to the number of manhole overflows, CSRs, structural condition, and potential impact to surface waters (i.e. Haw Creek).

On February 1, 2018, three sealed bids were received at 2:30pm. The results were as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) NHM Constructors	\$521,358.00
2) Graham County Land Co.	\$514,370.00
3) Thomas Construction Co.	\$490,112.00

The apparent low bidder is Thomas Construction Company with a bid amount of \$490,112.00. The FY17-18 construction budget for this project is \$435,000.00. The District has observed a weakened bidding environment over the past year and has received a fewer number of bids on each CIP project in FY 17-18. A less competitive market, coupled with potentially higher material prices has resulted in several projects coming in over budget this fiscal year. On the Mountain View Road project specifically, there were three bid items that contributed to the roughly \$55,000 overage: 8-inch DIP (14% above budget estimate), 4-inch PVC (120% above estimate), and 4-foot diameter manholes (30% above estimate).

Thomas Construction Company has completed one CIP project for the District (Old US 70 @ Pine Circle – FY14-15) and is currently working on the Elkwood Avenue project. The District has been pleased with quality of work exhibited.

Staff recommends award of this contract to Thomas Construction Company contingent upon review and approval by District Counsel.

**Metropolitan Sewerage District of Buncombe County, North Carolina
CAPITAL IMPROVEMENT PROGRAM**

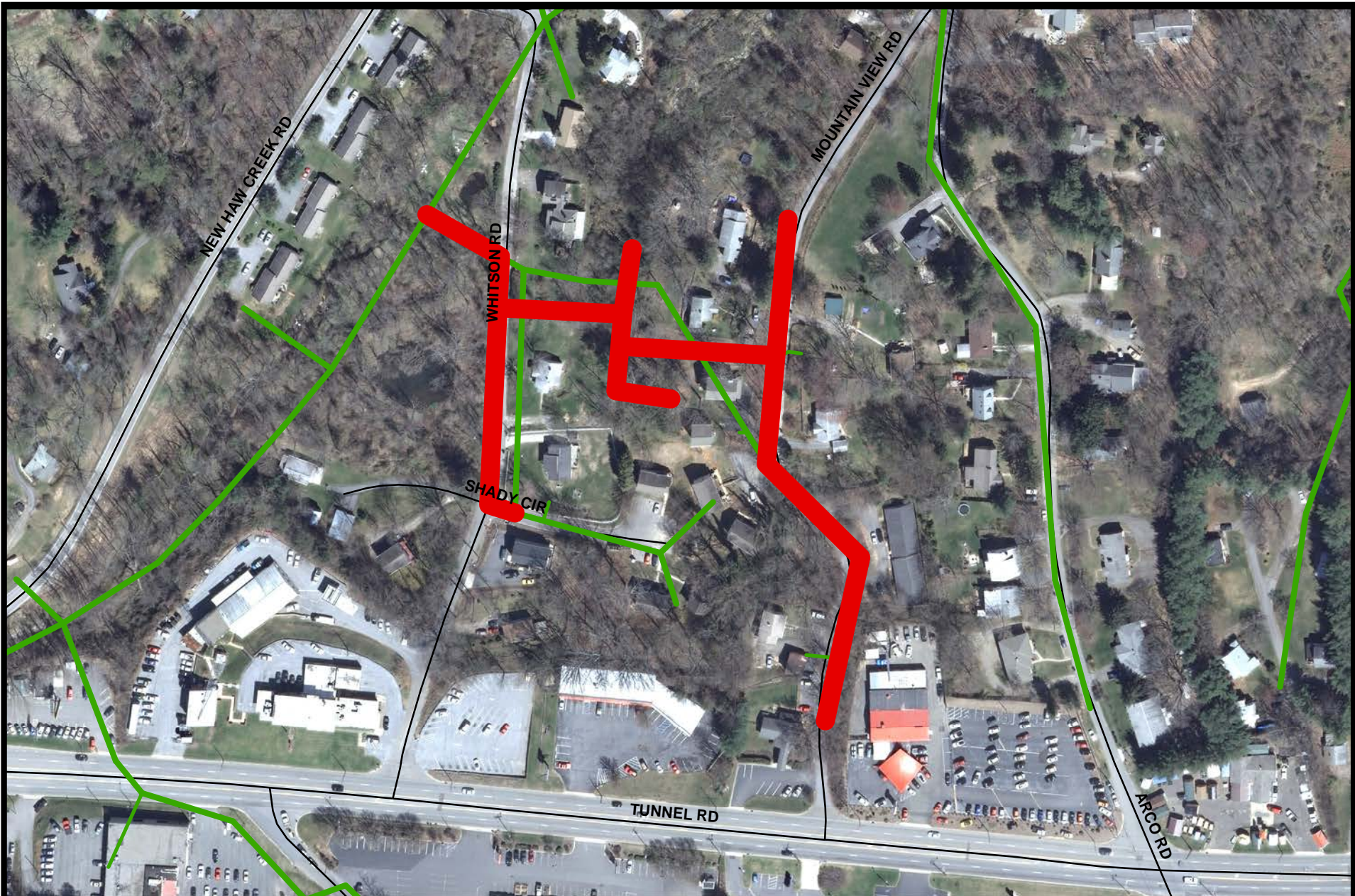
BUDGET DATA SHEET - FY 2017 - 2018

PROJECT:	Mountain View Road	LOCATION:	E. Asheville
TYPE:	General Sewer Rehab.	PIPE RATING:	65
PROJECT NO.	2014011	TOTAL LF:	1,764
PROJECT BUDGET:	\$479,578.00	PROJECT ORIGIN:	Work orders; Line condition

DESCRIPTION	ESTIMATED PROJECT COST	TOTAL EXPENDS THRU 12/31/16	EST. COST JAN - JUNE 2017	BUDGET FY 17-18
55310 - PRELIM. ENGINEERING				
55320 - SURVEY - DESIGN	\$8,200.00	\$8,200.00		
55330 - DESIGN				
55340 - PERMITS				
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS	\$6,000.00	\$5,208.00	\$792.00	
55370 - LEGAL FEES	\$4,977.00	\$4,977.00		
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION	\$18,201.00	\$18,201.00		
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$435,000.00			\$435,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING	\$3,000.00			\$3,000.00
55450 - SURVEY - ASBUILT	\$4,200.00			\$4,200.00
TOTAL AMOUNT	\$479,578.00	\$36,586.00	\$792.00	\$442,200.00

ENGINEER:	MSD	HC	ESTIMATED BUDGETS - FY '19 -'27	
R.O.W. ACQUISITION:	MSD	# PLATS: [7]	FY 18-19	\$0.00
CONTRACTOR:			FY 19-20	\$0.00
CONSTRUCTION ADM:	MSD		FY 20-21	\$0.00
INSPECTION:	MSD		FY 21-22	\$0.00
			FY 22-23	\$0.00
			FY 23-24	\$0.00
PROJECT DESCRIPTION: This project is located in East Asheville between Tunnel Rd. and New Haw Creek Rd. The project consists of replacing approx. 1,764 LF of existing 4, 6 and 8-inch vitrified clay pipe with 8-inch ductile iron pipe. The existing line has multiple fractures and small holes, and portions of the line are undersized.			FY 24-25	\$0.00
			FY 25-26	\$0.00
			FY 26-27	\$0.00

SPECIAL PROJECT NOTES:



Mountain View Road Project No. 2014011

NOT TO SCALE



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Budget Map

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: February 21, 2018

Submitted By: Thomas E. Hartye, PE., General Manager

Prepared By: W. Scott Powell, CLGFO, Director of Finance

Subject: Second Quarter Budget to Actual Review – FY2018

Background

At the end of each quarter, actual revenue and expenditure amounts are compared with the budget to evaluate performance the District's financial performance. This information is based on cash revenues and invoices received prior to December 31, 2017 and may not include some accruals of revenue and expenditures.

Discussion

There are several explanatory notes at the bottom of the attached Budget to Actual schedule. Other considerations are as follows

- ◀ Domestic Revenue is at budget expectations. Industrial Revenue is better than budgeted expectations temporary increased revenue from one industrial user. Staff Monitors consumption trends as they have a direct effect on the District's current revenue projections.
- ◀ Facility and Tap Fees are budgeted conservatively. The unusually large variance as of the end of the second quarter is due to receiving unanticipated revenue of \$1.1 million from three (3) developments.
- ◀ Interest and miscellaneous income reflect higher than expected earnings on investments.
- ◀ Rental income reflects slightly better than expected earnings.
- ◀ O&M expenditures are at 54% of budget. The expenditures include encumbered amounts, which has elevated the budget to actual ratio above 50%. The aforementioned encumbrances will be spent in future quarters.
- ◀ Bond principal and interest are reflected at 50%. This will aid the user to properly assess the District's overall debt service commitments. Actual amount spent is 21.35%. The District is required to make semi-annual interest payments on December 1, 2017 and principal and semi-annual interest payments on July 1, 2018.
- ◀ Amounts budgeted for capital equipment and capital projects are rarely expended proportionately throughout the year and are expected to be fully spent prior to the end of the year.

Staff Recommendation

None - Information Only.

Board Meeting: February 21, 2018

Subject: Second Quarter Budget to Actual Review – FY2018

Page -2-

Action Taken

Motion by: _____ to Approve Disapprove
Second by: _____ Table Send to Committee
Other: _____
Follow-up required: _____
Person responsible: _____ Deadline: _____

**Metropolitan Sewerage District
Budget to Actual Revenue and Expenditure Report
For the six months ended December 31, 2017
UNAUDITED–NON-GAAP**

	Budget	Actual to Date	% Budget to Actual
REVENUES			
Domestic User Fees ¹	\$ 31,169,273	\$ 15,629,832	50.14%
Industrial User Fees	3,347,294	2,025,700	60.52%
Facility Fees ²	2,000,000	2,418,208	120.91%
Tap Fees ³	175,000	279,837	159.91%
Billing and Collection	800,255	389,113	48.62%
Interest and Misc. Income	856,652	513,266	59.92%
Employee Contribution to Health Ins.	382,700	208,525	54.49%
City of Asheville (Enka Bonds)	37,000	-	0.00%
Proceeds from Revenue Bonds	28,000,000	28,003,632	100.01%
Rental Income	71,641	42,235	58.95%
Use of (Contributions to) Available Funds ⁴	(11,520,447)	(16,199,727)	140.62%
Total Revenues ⁵	\$ 55,319,368	\$ 33,310,622	60.22%
EXPENDITURES			
Operations and Maintenance ⁶	\$ 16,337,136	\$ 8,823,107	54.01%
Bond Principal and Interest ⁷	9,790,466	4,895,233	50.00%
Capital Equipment (Other than O&M) ⁶	884,050	339,726	38.43%
Capital Projects ⁶	27,307,716	19,252,555	70.50%
Contingency	1,000,000	-	0.00%
Total Expenditures	\$ 55,319,368	\$ 33,310,622	60.22%

Notes:

- ¹ Revenues are accounted for on the cash basis method
- ² Increase due to unanticipated revenue from three developments at \$1,117,500
- ³ Increase in number of Taps requiring Pavement Disturbance
- ⁴ Pay-as-go funds to be used for CIP
- ⁵ Budget-to-Actual Ratio does not include use of available funds
- ⁶ Includes encumbered amounts as well as actual insurance expenditures
- ⁷ Bond principal and interest expenditures are reflected a 50%. Actual spend amount is 21.35%.

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: February 21, 2018

Submitted By: Thomas E. Hartye, PE., General Manager

Prepared By: W. Scott Powell, CLGFO, Director of Finance
Cheryl Rice, Accounting Manager

Subject: Cash Commitment/Investment Report-Month Ended December 31, 2017

Background

Each month, staff presents to the Board an investment report for all monies in bank accounts and specific investment instruments. The total investments as of December 31, 2017 were \$79,856,007. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.911%. These investments comply with North Carolina General Statutes, Board written investment policies, and the District's Bond Order.

The attached investment report represents cash and cash equivalents as of December 31, 2017 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of December 31, 2017 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$36,550,051.

Total Cash & Investments as of 12/31/2017		79,856,007
Less:		
Budgeted Commitments (Required to pay remaining FY18 budgeted expenditures from unrestricted cash)		
Construction Funds	(20,558,788)	
Operations & Maintenance Fund	<u>(8,958,938)</u>	
		(29,517,726)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(1,705,918)	
FY18 Principal & Interest Due	<u>(6,708,626)</u>	
		(8,414,544)
District Reserve Funds		
Fleet Replacement	(684,977)	
Pump Replacement	(50,002)	
WWTP Replacement	(446,786)	
Maintenance Reserve	<u>(966,693)</u>	
		(2,148,458)
District Insurance Funds		
General Liability	(331,217)	
Worker's Compensation	(234,894)	
Post-Retirement Benefit	(1,691,303)	
Self-Funded Employee Medical	<u>(967,814)</u>	
		<u>(3,225,228)</u>
Designated for Capital Outlay		<u><u>36,550,051</u></u>

Staff Recommendation

None. Information Only.

Action Taken

Motion by:

Second by:

Other:

Follow-up Required:

to

Approve
Table

Person Required:

Disapprove

Send to Committee

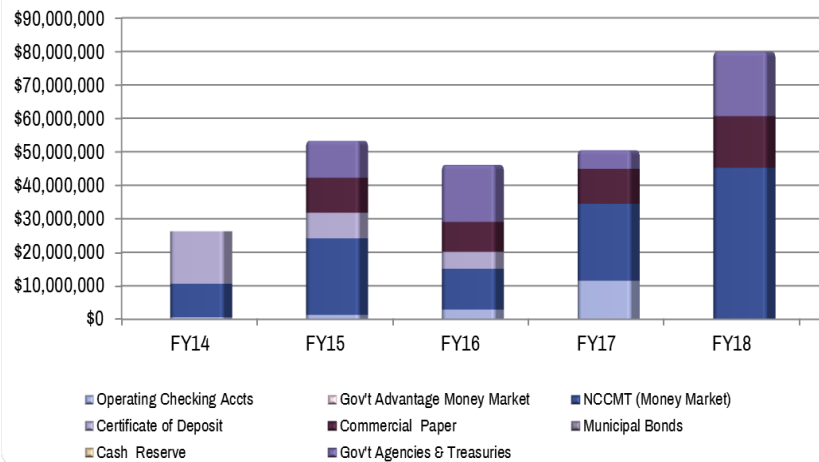
Deadline:

Metropolitan Sewerage District of Buncombe County Investment Portfolio

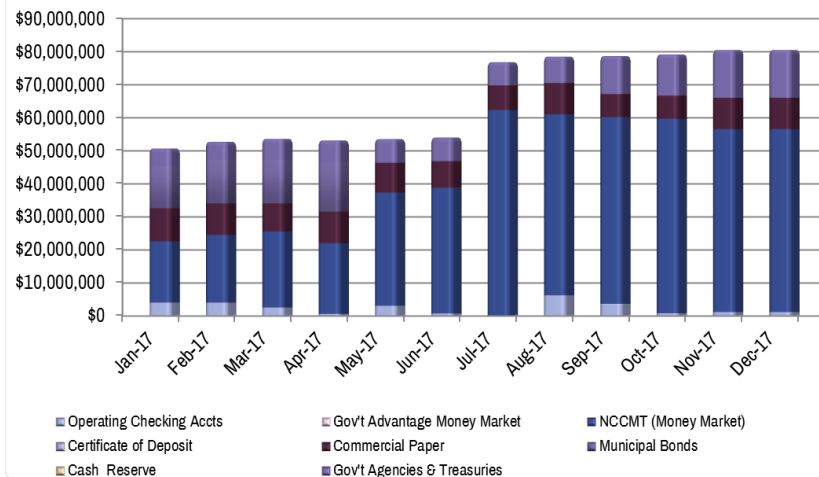
	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 8,280,328	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,280,328
Held by MSD	122,139	46,676	36,753,177	-	15,444,796	-	-	19,208,891	71,575,679
	\$ 122,139	\$ 46,676	\$ 45,033,505	\$ -	\$ 15,444,796	\$ -	\$ -	\$ 19,208,891	\$ 79,856,007

Investment Policy Asset Allocation	Maximum Percent	Actual Percent	
U.S. Government Treasuries, Agencies and Instrumentalities	100%	24.06%	No significant changes in the investment portfolio as to makeup or total amount. The District 's YTM of 1.31% is exceeding the YTM benchmarks of the 6 month T-Bill and NCCMT Cash Portfolio. All funds invested in CD's, operating checking accounts, Gov't Advantage money market are fully collateralized with the State Treasurer.
Bankers' Acceptances	20%	0.00%	
Certificates of Deposit	100%	0.00%	
Commercial Paper	20%	19.34%	
Municipal Bonds	100%	0.00%	
North Carolina Capital Management Trust	100%	56.39%	
Checking Accounts:	100%		
Operating Checking Accounts		0.15%	
Gov't Advantage Money Market		0.06%	

**MSD of Buncombe County
Investment Portfolio - As of December 31, 2017**



**MSD of Buncombe County
Investment Portfolio - 12 Month Trend**



Board Meeting: February 21, 2018

Subject: Cash Commitment/Investment Report-Month Ended December 31, 2017

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**METROPOLITAN SEWERAGE DISTRICT
INVESTMENT MANAGERS' REPORT
At December 31, 2017**

Summary of Asset Transactions

	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 70,712,057	\$ 70,731,306	\$ 46,572
Capital Contributed (Withdrawn)	(1,464,120)	(1,464,120)	
Realized Income	51,535	51,535	(13,569)
Unrealized/Accrued Income	4,238	9,007	21,030
Ending Balance	\$ 69,303,710	\$ 69,327,728	\$ 54,033

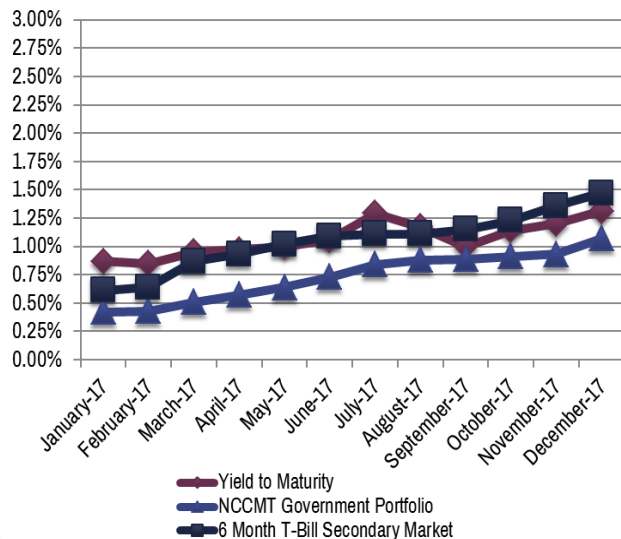
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 50,107,822	\$ 49,168
Securities/CD's 91 to 365 Days	13,699,988	13,443
Securities/CD's > 1 Year	5,495,900	5,393
	\$ 69,303,710	\$ 68,003

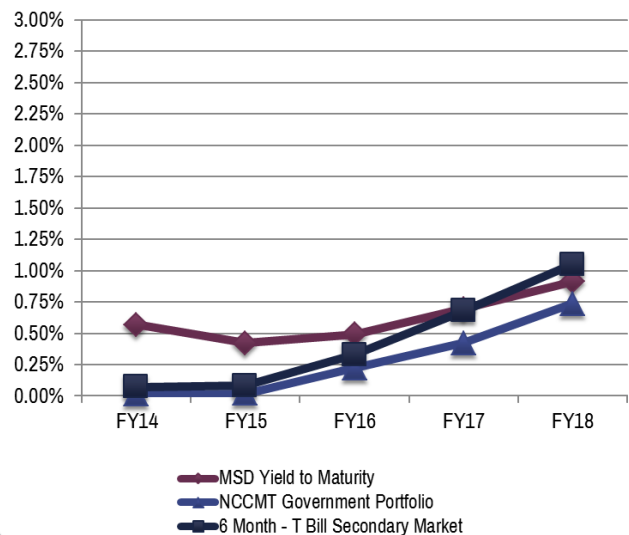
Month End Portfolio Information

Weighted Average Maturity	113
Yield to Maturity	1.31%
6 Month T-Bill Secondary Market	1.47%
NCCMT Government Portfolio	1.07%

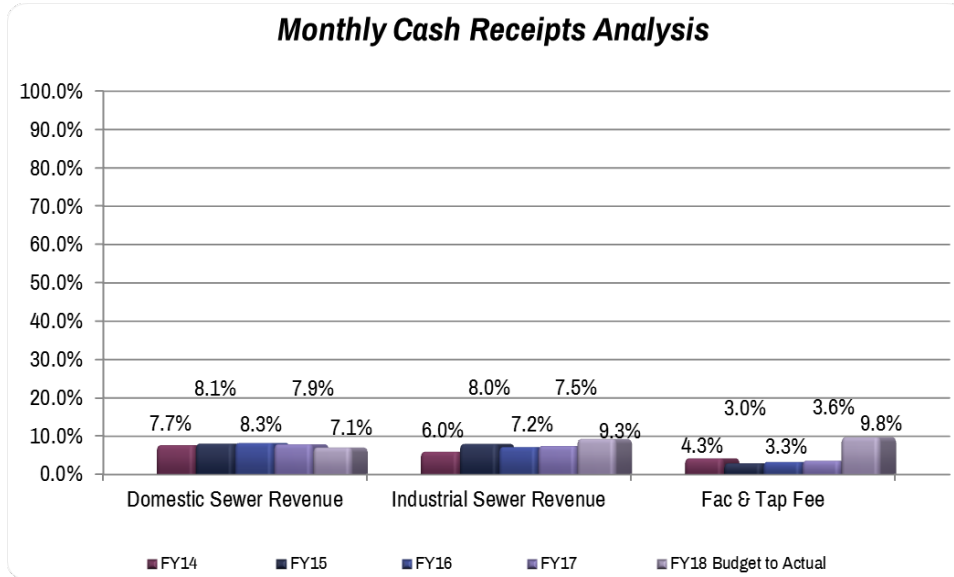
**Metropolitan Sewerage District
Yield Comparison - December 31, 2017**



**Metropolitan Sewerage District
Annual Yield Comparison**

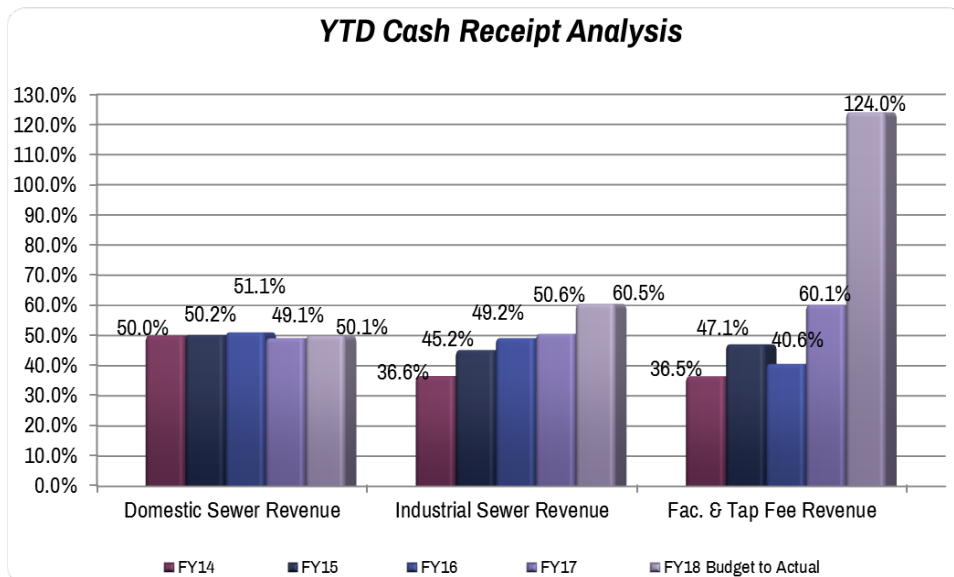


**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF CASH RECEIPTS
As of December 31, 2017**



Monthly Cash Receipts Analysis:

- ◀ Monthly domestic sewer revenue is considered reasonable based on timing of cash receipts in their respective fiscal periods.
- ◀ Monthly industrial sewer revenue is reasonable based on historical trends.
- ◀ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.



YTD Actual Revenue Analysis:

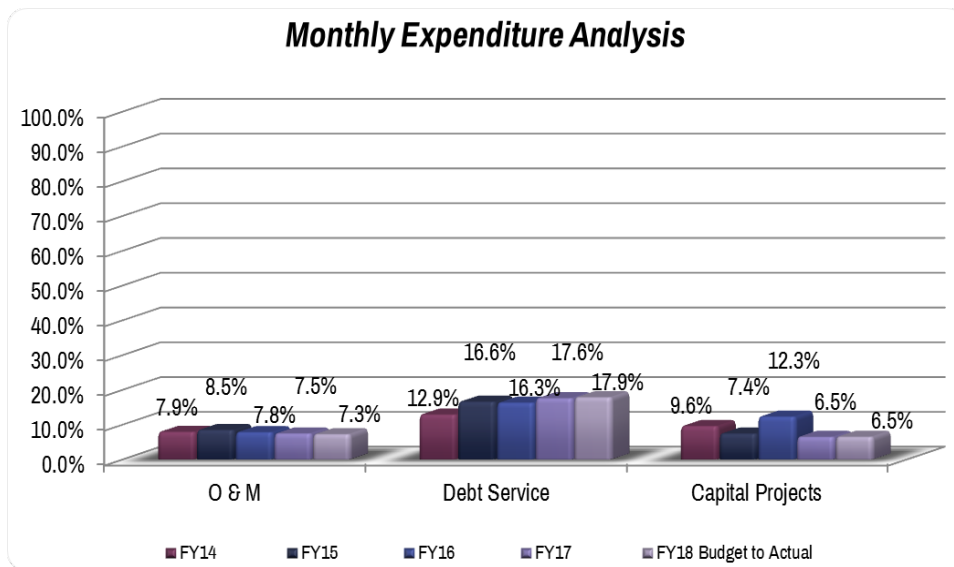
- ◀ YTD domestic sewer revenue is considered reasonable based on historical trends.
- ◀ YTD industrial sewer revenue is reasonable based on historical trends.
- ◀ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

Board Meeting: February 21, 2018

Subject: Cash Commitment/Investment Report-Month Ended December 31, 2017

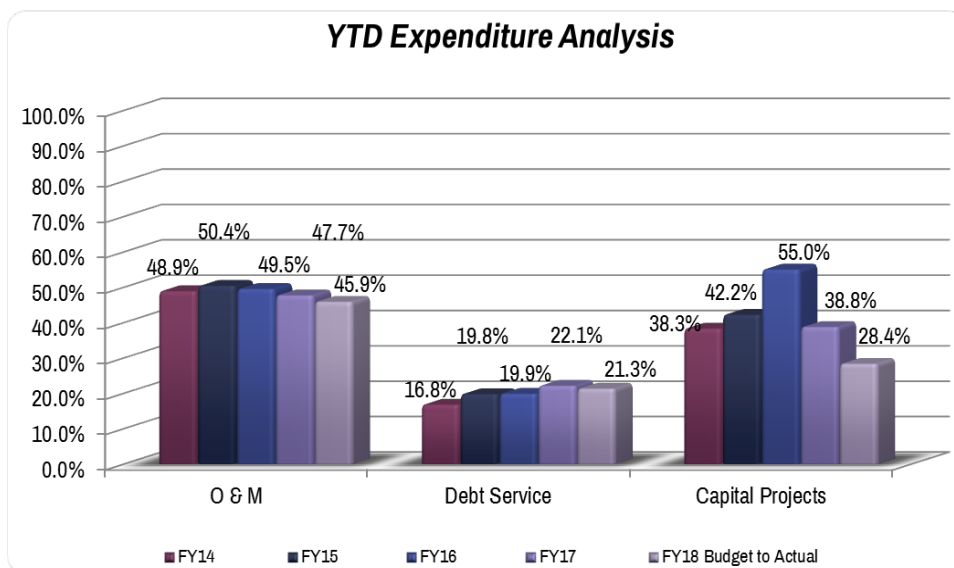
Page -5-

**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF EXPENDITURES
As of December 31, 2017**



Monthly Expenditure Analysis:

- Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures are considered reasonable.
- Due to nature and timing of capital projects, monthly expenditures can vary from year to year. Based on the current outstanding capital projects, monthly capital project expenditures are considered reasonable.



YTD Expenditure Analysis:

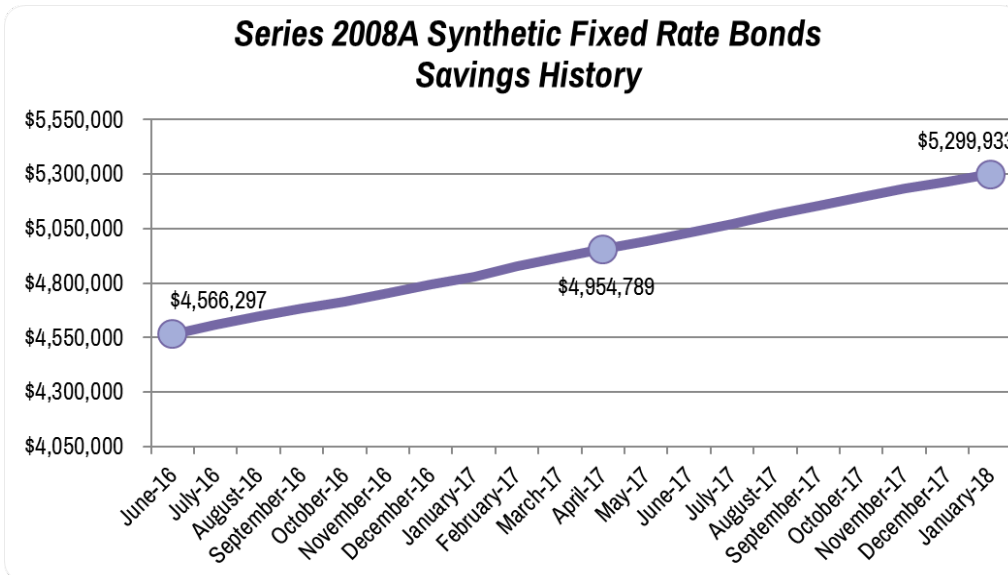
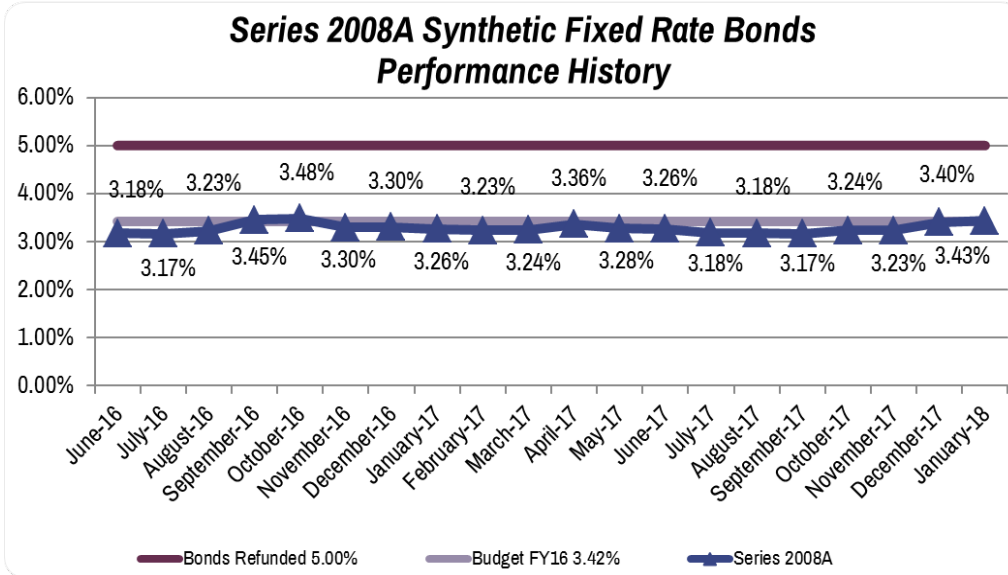
- YTD O&M expenditures are considered reasonable based on historical trends.
- Due to the nature of the variable rate bond market, YTD expenditures can vary year to year. Based on current variable interest rates, YTD debt service expenditures are considered reasonable.
- Due to nature and timing of capital projects, YTD expenditures can vary from year to year. Based on the current outstanding capital projects, YTD capital project expenditures are considered reasonable.

Board Meeting: February 21, 2018

Subject: Cash Commitment/Investment Report-Month Ended December 31, 2017

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**METROPOLITAN SEWERAGE DISTRICT
VARIABLE DEBT SERVICE REPORT
As of January 31, 2018**



Series 2008A:

- Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$5,299,933 as compared to 4/1/2008 fixed rate of 4.85%.
- Assuming that the rate on the Series 2008A Bonds continues at the current all-in rate of 3.9475%, MSD will achieve cash savings of \$4,670,000 over the life of the bonds.
- MSD would pay \$2,960,232 to terminate the existing Bank of America Swap Agreement.

STATUS REPORTS

MSD System Services In-House Construction

FY 17-18 PROJECTS

PROJECT NAME	LOCATION	ZIP CODE	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	NOTES
11 Greenbriar Emergency Repair	Asheville	TBA	50	7/1/17 - 7/10/17	244238	632	7/7/2017	52	complete
Sycamore Drive @ Walnut Street (Phase 2)	Arden	28704	290	7/1/17 - 7/31/17	244350	631	7/14/2017	291	complete
Windsor Road @ Beaverbrook Road	North Asheville	28804	726	7/8/17-7/31/17	228305	632	7/31/2017	725	complete
Nebraska Street Emergency Rehabilitation (Ph. 1)	W. Asheville	28806	415	8/1/17 - 9/1/17	240563	631	8/10/2017	414	complete
Celia Place at Bond Street (Rework)	N. Asheville	28801	250	8/1/17 - 8/11/17	244891	632	8/10/2017	80	complete
Windsor Road @ Beaverbrook Road (Ph. 2)	North Asheville	28804	125	8/14/17 - 9/1/17	244938	632	8/17/2017	124	complete
Sycamore Drive @ Walnut Street (Phase 3)	Arden	28704	494	8/11/17 - 9/1/17	245100	631	8/30/2017	479	complete
185 Mississippi Road	Montreat	28757	143	9/2/15 - 9/5/17	245783	632	9/5/2017	143	complete
Cedar Lane @ Oak Terrace	Arden	28704	1000	9/1/17 - 10/2/17	237374	631	9/28/2017	1001	complete
Penelope Street @ W. Cotton Ave	Black Mountain	28711	700	9/2/17 - 10/2/17	222331	632	9/29/2017	741	complete
Raleigh Avenue @ Marietta Street	Asheville	28803	655	10/2/17 - 11/1/17	237100	631	10/31/2017	746	complete
Manila Street	Asheville	28806	650	10/2/17-11/10/17	246373	632	11/10/2017	654	complete
44 Forsythe St	Asheville	28801	350	11/2/17 - 11/30/17	237035	631	11/17/2017	344	complete
School Road at Woodland (Ph. 1)	W. Asheville	28806	350	11/13/17 - 12/13/17	224993	632	11/29/2017	319	complete
School Road at Woodland (Ph. 2)	W. Asheville	28806	150	11/13/17 - 12/13/17	224993	632	11/29/2017	154	complete
Wilson Avenue at Grovemont Avenue	Swannanoa	28778	1480	12/1/17 - 1/3/18	247244	631	12/18/2017	1491	complete
Buchanan Ave Ph. 1 Sewer Rehabilitation	Asheville	28801	340	12/4/17 - 12/31/17	247996	632	12/19/2017	206	complete
209 Cane Creek Road Sewer Replacement	Fletcher	28732	337	12/28/17 - 1/12/18	232970	632	1/9/2018	348	complete
149 Weston Rd	Arden	28704	210	12/28/17 - 1/12/18	225004	631	1/10/2018	188	complete
Carlyle Way @ Sweeten Creek Rd	South Asheville	28803	100	1/13/18 - 1/23/18	248915	TBA	1/23/2018	79	complete
Fairfax Avenue	Asheville	28806	208	1/15/18 - 1/31/18	246376	632	1/26/2018	231	complete
100 Airport Road	Arden	28704	150	1/24/18 - 1/29/18	248988	631	1/29/2018	146	complete
Laurel Road Phase 2A	Arden	28704	1496	1/30/18 - 2/23/18	248227	631			construction 25% complete
Roberts Street	Asheville	28801	311	2/1/18 - 2/23/18	246375	632			construction 40% complete
4 Westview Ave	Asheville - Oakley	28803	740	2/26/18 - 3/23/18	238683	632			ready for construction
Asheville Country Club Phase 1C	North Asheville	28804	1210	2/26/18 - 3/30/18	237431	631			ready for construction
Sunset Dr. @ Vance Drive	Black Mountain	28711	1010	3/26/18 - 4/13/18	237499	632			ready for construction
169 Windsor Avenue Sewer Rehabilitation	Asheville	28804	390	4/2/18 - 4/20/18	240566	TBA			ready for construction
Governors View Road @ Bull Mountain Road	Asheville	28805	785	3/26/18 - 4/27/18	238394	632			ready for construction
Royal Pines @ Oak Terrace	Arden	28704	1000	FY17-18	237372	TBA			ready for construction
Williamette Circle Sanitary Sewer Rehabilitation	Weaverville	28787	183	FY17-18	233748	TBA			ready for construction
Montford Park	Asheville	28801	410	FY17-18	246543	TBA			ready for construction
Charlotte Street @ N Ridgeway Avenue	Black Mountain	28711	1073	FY17-18	232699	TBA			ready for construction
817 Montreat Road	Black Mountain	28711	340	FY17-18	228942	TBA			ready for construction
15 Dew Waite Road	Ridgecrest	28770	533	FY17-18	236553	TBA			In ROW
252 Kenilworth Road	Asheville	28803	800	FY17-18	234632	TBA			In ROW
Lapsley Lane @ Brevard Road	Avery's Creek	28704	576	FY17-18	237319	TBA			Preliminary Engineering



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2017 to 12/31/2017

	Dig Ups	Emergency Dig Ups	Dig Up ML Ftg	Dig Up SL Ftg	Manhole Repairs	Taps Installed	ROW Ftg	IRS Rehab Ftg *	Const Rehab Ftg *	D-R Rehab Ftg *	Manhole Installs	Bursting Rehab Ftg *	Total Rehab Ftg *
July 2017	34	3	148	1,187	28	28	10,760	0	8	632	11	436	1076
August 2017	41	12	280	1,174	21	31	6,251	0	148	618	8	399	1165
September 2017	36	6	169	685	25	18	688	0	151	741	10	1,001	1893
October 2017	29	6	87	1,184	37	32	60	314	71	18	6	728	1131
November 2017	38	9	301	773	27	39	10,310	0	8	1043	13	428	1479
December 2017	21	9	115	879	31	26	10	0	432	8	6	1,697	2137
Grand Totals	199	45	1,099	5,882	169	174	28,079	314	818	3060	54	4,689	8881

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2017 to December 31, 2017

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2017							
July	98,213	1,440	4,785	102,998	24,704	5,840	3,104
August	96,254	1,640	11,382	107,636	16,351	5,000	12,283
September	101,162	932	10,615	111,777	21,245	2,975	8,303
October	110,273	1,822	4,063	114,336	30,290	9,189	11,470
November	111,848	1,741	9,682	121,530	27,909	4,106	13,927
December	73,143	1,985	5,846	78,989	21,444	2,500	18,487
Grand Total:	590,893	9,560	46,373	637,266	141,943	29,610	67,574
Avg Per Month:	98,482	1,593	7,729	106,211	23,657	4,935	11,262



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2017	93	32	31
	August, 2017	97	27	38
	September, 2017	104	33	50
	October, 2017	107	25	37
	November, 2017	110	23	35
	December, 2017	95	28	30
		606	28	37
NIGHT 1ST RESPONDER				
	July, 2017	16	29	31
	August, 2017	8	16	60
	September, 2017	18	24	40
	October, 2017	20	23	35
	November, 2017	21	11	18
	December, 2017	16	18	33
		99	20	34
ON-CALL CREW *				
	July, 2017	41	47	31
	August, 2017	31	41	57
	September, 2017	29	36	45
	October, 2017	48	51	35
	November, 2017	45	43	39
	December, 2017	70	50	37
		264	46	39
Grand Totals:		969	32	37

* On-Call Crew Hours: 8:00pm-7:30am Monday-Friday, Weekends, and Holidays

Right of Way Section 2nd Quarter Summary Open Projects

<i>Project</i>	<i>Total ROW Budget</i>	<i>Total Expends to Date</i>	<i>Comment</i>
Asheville Country Club GSR	\$40,470	\$40,470	Access 75% complete with 100% of Total Budget expended to date. Two condemnations anticipated. To be built in-house by SS.
Dingle Creek Interceptor (formerly Ph II)	\$64,657	\$48,004	Access 100% complete with 74% of Total Budget expended to date. One condemnation filed with judgment pending. Construction moved out from 7/09 to 7/25 due to low pipe rating.
Dry Ridge Road 4" Main	\$22,904	\$2,882	Access 67% complete with 13% of Total Budget expended to date. One condemnation anticipated.
Fairway Drive Emergency SSR	\$27,257	\$6,860	Access 25% complete with 25% of Total Budget expended to date. To be constructed in-house by SS.
Long Shoals Road @ Allen Avenue GSR	\$25,300		Received easement documents in December. Negotiations to begin January 2018.
Memory Lane GSR	\$19,505	\$10,635	Project 100% complete with 55% of Total Budget expended and no condemnations.
Nebraska Street Emergency Relocation	\$40,703	\$40,703	Access 100% complete with 100% of Total Budget expended. One condemnation filed with judgment pending. This was an emergency project built in-house by SS.
Old Haw Creek @ Greenbriar Road GSR	\$61,332	\$17,423	Access 21% complete with 27% of Total Budget expended to date.

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

February 14, 2018

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
ELKWOOD AVENUE	Woodfin 28804	Thomas Construction Company	9/20/2017	11/6/2017	6/4/2018	\$1,215,002.00	30%	Pipeline installation underway.
HENDERSONVILLE ROAD @ BLAKE DRIVE	Arden 28704	Terry Brothers Construction Company	12/20/2017	1/2/2018	3/1/2018	\$164,152.00	95%	All pipeline work is complete. Working on concrete sidewalk restoration.
HENDERSONVILLE ROAD @ PEACHTREE ROAD	Asheville 28803	Terry Brothers Construction Company	8/16/2017	9/25/2017	3/15/2018	\$426,062.00	90%	Mainline pipe installation is complete. Paving will be done in the Spring.
HENDERSONVILLE ROAD @ ROSSCRAGGON DRIVE, PHASE 2	Arden 28704	Terry Brothers Construction Company	1/17/2018	TBA	TBA	\$1,258,010.80	0%	Project was awarded to Terry Brothers. NTP will be determined when Contractor completes Jonestown Road project.
JONESTOWN ROAD	Woodfin 28804	Terry Brothers Construction Company	1/17/2018	2/12/2018	6/12/2018	\$725,002.10	3%	ROW clearing is underway.
LOUISIANA AVENUE @ BRUCEMONT CIRCLE	Asheville 28806	Terry Brothers Construction Company	7/19/2017	8/21/2017	3/1/2018	\$363,252.00	98%	Working on punchlist.
MOUNTAIN VIEW ROAD	Asheville 28805	TBA	TBA	TBA	TBA	TBA	0%	Project was bid on February 1st. Thomas Construction Company is the apparent low bidder. Project will be presented at the February Board meeting.
POINT REPAIR CONTRACT NO. 2	Various	Patton Construction Group	7/19/2017	8/14/2017	6/30/2018	\$215,610.00	58%	Contractor has completed 12 point repairs.
SOUTH FRENCH BROAD INTERCEPTOR LINING (FY 17-18)	Biltmore Estate 28803	Insituform Technologies	10/18/2017	1/2/2018	4/2/2018	\$1,171,314.00	45%	CIPP lining is progressing. Manhole lining contractor is on site.
SUTTON AVENUE	Black Mountain	Terry Brothers Construction Company	11/15/2017	1/15/2018	5/14/2018	\$1,076,986.00	50%	Work is progressing well.
WRF - PLANT HEADWORKS IMPROVEMENTS	Woodfin 28804	Judy Construction Company	1/18/2017	4/3/2017	2/25/2019	\$9,061,845.01	40%	Tying wall steel for Diversion Structure, excavation for Surge Pump Station sub level bearing completion, laying last run of electrical ductbank, expect pouring walls for Fine Grit Facility next week.

***Updated to reflect approved Change Orders and Time Extensions**

Planning & Development Project Status Report

Active Construction Projects Sorted by Work Location and Project Number

February 9, 2018

#	Project Name	Project Number	Work Location	Zip Code	Units	LF	Pre-Construction Conference Date	Comments
1	Franklin School of Innovation	2014096	Asheville	28806	School	359	11/4/2016	Final Inspection complete, awaiting close-out docs
2	First Baptist Relocation	2015032	Asheville	28801	Comm.	333	7/21/2015	Final Inspection complete, awaiting close-out docs
3	Ascot Point Apartments Phase 3	2015114	Asheville	28803	104	213	9/9/2016	Punchlist pending, awaiting closeout documents
4	8 Sulphur Springs Road	2015116	Asheville	28806	6	80	11/22/2016	Final Inspection complete, awaiting close-out docs
5	The District	2015113	Asheville	28803	309	912	2/26/2016	Waiting on final inspection
6	Hampton Inn & Suites	2015144	Asheville	28806	Comm.	286	11/8/2016	Waiting on final inspection
7	340 Emma Road	2015216	Asheville	28806	8	138	12/15/2017	Installing
8	Atkins Street	2016009	Asheville	28803	45	903	1/20/2017	Waiting on final inspection
9	88 Southside Avenue	2016015	Asheville	28801	18	400	2/21/2017	Waiting on final inspection
10	Hounds Ear (Mears Ave Cottages)	2016123	Asheville	28806	18	402	8/18/2017	Pre-con held, construction not yet started
11	Lausch Subdivision	2016153	Asheville	28805	4	248	5/16/2017	Waiting on final inspection
12	Bear Creek Homes	2016220	Asheville	28806	30	1,400	3/28/2017	Final Inspection complete, awaiting close-out docs
13	Hawthorne at Mills Gap	2016222	Asheville	28803	272	442	10/3/2017	Waiting on final inspection
14	Grindstaff Subdivision	2016246	Asheville	28805	4	132	6/23/2017	Final Inspection complete, awaiting close-out docs
15	Shiloh Cottages	2016252	Asheville	28803	7	180	3/3/2017	Waiting on final inspection
16	Onteora	2017002	Asheville	28803	6	417	7/18/2017	Waiting on final inspection
17	Gerber Road Storage	2017049	Asheville	28803	Comm.	156	2/9/2018	Pre-con held, construction not yet started
18	Panda Express	2017080	Asheville	28805	Comm.	100	9/8/2017	Pre-con held, construction not yet started
19	Westover Hills	2017177	Asheville	28801	1	105	10/6/2017	Final Inspection complete, awaiting close-out docs
20	West Keesler Avenue	2007176	Black Mountain	28711	6	410	11/15/2016	Final Inspection complete, awaiting close-out docs
21	Settings at Black Mountain	2008016	Black Mountain	28711	30	907	11/13/2015	Final Inspection complete, awaiting close-out docs
22	808 Montreat Road	2015126	Black Mountain	28711	4	371	4/18/2017	New Contractor, not started yet
23	Tudor Croft (aka Roberts Farm) Ph.2	2016170	Black Mountain	28711	46	1,320	1/3/2017	Phase 2A inspected, waiting on closeout docs
24	Swannanoa Valley Christian Min.	2017043	Black Mountain	28711	12	195	8/1/2017	Final Inspection complete, awaiting close-out docs
25	Cherokee Trail	2017065	Black Mountain	28711	4	90	8/18/2017	Final Inspection complete, awaiting close-out docs
26	Peregrine's Ridge	2006160	Buncombe Co.	28730	14	635	11/8/2016	Final Inspection complete, awaiting close-out docs
27	Hyde Park Phase 2	2013058	Buncombe Co.	28704	14	500	12/3/2013	Waiting on final inspection
28	Creekside Cottages	2014095	Buncombe Co.	28704	7	504	3/12/2015	Waiting on final inspection
29	Glenn Bridge Road	2014157	Buncombe Co.	28704	30	1,400	1/20/2017	Waiting on final inspection
30	Avondale Subdivision	2015052	Buncombe Co.	28803	4	215	4/7/2017	Pre-con held, construction not yet started
31	Greymont Apartments	2015108	Buncombe Co.	28806	312	3,193	5/17/2016	Final Inspection complete, awaiting close-out docs
32	Liberty Oaks Ph. 1A	2015157	Buncombe Co.	28715	125	705	1/17/2017	Final Inspection complete, awaiting close-out docs
33	Bee Tree Village	2015158	Buncombe Co.	28778	26	1,118	3/17/2017	Waiting on final inspection
34	Skyland Exchange	2015217	Buncombe Co.	28704	292	1,090	2/7/2017	Waiting on final inspection
35	Newbridge Pkwy Apts. Phase II	2016013	Buncombe Co.	28804	154	1,368	10/27/2017	Installing
36	Weatherwood Subdivision	2016034	Buncombe Co.	28704	19	785	7/21/2017	Project delayed
37	Moody Ave	2016050	Buncombe Co.	28715	3	180	6/15/2017	Final Inspection complete, awaiting close-out docs
38	Long Shoals Apts.	2016070	Buncombe Co.	28704	475	930	7/10/2017	Waiting on final
39	Perry Lane Apartments	2016075	Buncombe Co.	28704	120	710	11/7/2017	Testing
40	The Preserve at Avery's Creek	2016089	Buncombe Co.	28704	141	4,000	6/16/2017	Installing
41	Biltmore Lake Block I, Phase 3	2016234	Buncombe Co.	28803	23	1,887	5/23/2017	Waiting on final inspection
42	Biltmore Lake Bock D2-E	2016243	Buncombe Co.	28803	19	3,265	5/23/2017	Waiting on final inspection
43	The Ramble Block G	2017025	Buncombe Co.	28803	34	1,980	8/29/2017	Testing
44	The Ramble Block F, Phase 1	2017038	Buncombe Co.	28803	34	3,845	11/3/2017	Installing
45	The Ramble Block H, Phase 1	2017039	Buncombe Co.	28803	4	1,440	5/23/2017	Waiting on final inspection
46	South Cliff Village	2017041	Buncombe Co.	28730	34	1,345	9/1/2017	Waiting on final inspection
47	240 Old Farm School Road	2017112	Buncombe Co.	28805	4	340	2/9/2018	Pre-con held, construction not yet started
48	Greenwood Park Phase 1	2014067	Weaverville	28787	7	283	9/1/2015	Final Inspection complete, awaiting close-out docs
49	Creekside Village Phases III, IV, & V	2015167	Weaverville	28787	45	1,835	1/17/2017	Final Inspection complete, awaiting close-out docs
50	New Homes at North Main (Crittter)	2016052	Weaverville	28787	54	1,808	2/10/2017	Final Inspection complete, awaiting close-out docs
51	Maple Trace Phase 3	2016245	Weaverville	28787	24	1,260	5/2/2017	Final Inspection complete, awaiting close-out docs
52	Mattera Subdivision	2017023	Weaverville	28787	6	264	11/3/2017	Waiting on final inspection
53	Lake Louise	2017104	Weaverville	28787	4	80	12/15/2017	Pre-con held, construction not yet started
54	44 Central Ave	2017107	Weaverville	28787	7	275	10/27/2017	Pre-con held, construction not yet started
55	Lakeshore Drive	2017137	Weaverville	28787	4	70	10/27/2017	Pre-con held, construction not yet started
56	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Punchlist pending, awaiting closeout documents
57	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Final Inspection complete, awaiting close-out docs
58	Ventana Phase 2A	2016059	Woodfin	28806	8	900	2/17/2017	Waiting on Final
59	West Skyland Circle	2016083	Woodfin	28806	4	280	8/15/2017	Final Inspection complete, awaiting close-out docs
60	Skyfin	2016205	Woodfin	28806	40	978	8/8/2017	Installing
TOTAL						3,108	51,616	