

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
August 15, 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 2:06 pm Wednesday, August 15, 2018. Chairman VeHaun presided with the following members present: Ashley, Bryson, Holland, Kelly, Pelly, Pressley, Root, Watts, Whitesides and Wisler. Manheimer 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; Patty Beaver with CIBO; Mike Bryant with NC League of Municipalities, Ed Bradford, Hunter Carson, Scott Powell, Ken Stines, Mike Stamey, Peter Weed, Pam Thomas, Angel Banks 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 July 18, 2018 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the July 18, 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 Al Whitesides has been appointed to replace Ellen Frost, representing Buncombe County, effective at this meeting. Mr. VeHaun welcomed Mr. Whitesides and presented him with the traditional manhole hook.

Mr. VeHaun welcomed Patty Beaver with CIBO; Mike Bryant with the NC League of Municipalities and Joe Martin with Woodfin Sanitary Water and Sewer District. There was no public comment.

6. Report of General Manager:

Mr. Hartye reported that MSD has achieved the Safety Achievement from the NC Department of Labor. Congratulations to all employees at MSD and to Dan Waugh and Sandra Moore for heading up this effort. This will help lower our multiplier and future insurance costs.

Mr. Hartye reported that a "Google My Business" was provided by Carrie Coffey of Walter Street. Thanks to Wayne Rice. This last fiscal year our first responders had an average arrival time of 27 minutes from the time the customer called.

Mr. Hartye reported that with the news events surrounding CDM-Smith, he would like to note that MSD does use CDM-Smith. MSD has found the CDM-Smith personnel with whom it has worked to be professional and honest. MSD is a little bit different than most other districts and municipalities of its size. MSD has a large engineering contingent. About 20 years ago MSD decided that the lion's share of money spent on engineering, design, construction and construction management was going to be centered around the collection system inherited from its member agencies which was badly in need of repair. At the time MSD was using different outside engineers and in-house project managers, which was not very efficient. MSD decided to hire on-staff registered professional engineers to design and inspect the lion's share of what we do. MSD has projects that are hired out to larger consulting firms for big projects such as the plant expansion and upgrades to major pump stations because those projects are multi-disciplinary, involving electrical, mechanical, instrumentation, structural, etc. There is a process MSD goes through each time, which wasn't always the case. In the past there was one engineer MSD used each time. Most municipalities still largely use just one firm. If you have a large firm that can cover a lot of different disciplines you tend to give them all of the work. The majority of MSD's work is done in-house. MSD sends out Request for Proposals for special projects because each one is different. He then turned the meeting over to Mr. Bradford to go over MSD's process.

Mr. Bradford first discussed consultant selection. All significant projects go through a selection process with the only exception being projects less than \$50,000.00. Each consultant is rated by a staff committee based on the strengths of any given firm. MSD has used many different firms over the years as different firms have different strengths for different projects. MSD also uses its Engineer of Record, Forrest Westall, for virtually every selection process we have gone through. MSD has used multiple consultants over the years. There is no single consultant who receives all of its work, nor is there any one person who selects those consultants. Mr. Bradford presented the selection table with a list of consultants used for projects with each of their ratings. Staff uses this table to choose and make recommendations back to this Board to approve contracts. After a decision is made internally, MSD negotiates a contract among all parties to come to a fair value of the work. If parties can't come to a cost agreement, then MSD would go to the second rated consultant on the list, that's how the statute works. MSD has always been able to come to an agreement with the highest rated consultant. MSD will then take a detailed cost schedule and prepare an item to bring back to this Board for approval. The Board item includes any consultants who submitted RFP's for the work. This is done in open meetings, becomes public record, and is easily searchable on MSD's website. The contract is signed by the General Manager, approved by District Counsel and this Board. In addition, the District's Finance Officer pre-audits and signs the Contract. There is no one single person involved in the process. He presented a Board item from 2016 as an example, with a copy of a contract listing pay items. The pay items are specific items the consultant or contractor is going to perform with specific dollars listed by each.

The pay request process is another measure put in place. The Engineering Services Pay Request are approved by the respective project manager who is a staff Engineer. This is to ensure the payment the contractor is asking for matches the work that was performed for each pay period. The pay request is then processed by MSD Finance. Unless the value triggers secondary approvals by others, payment is made directly from Finance to the Consultant for the work items performed. The process for Contractors is similar. Construction Administration is also involved

with an MSD Inspector and the head of that group. They approve actual work installed in the field such as pipe, manholes, concrete, paving, etc. Then the Project Engineer approves that request and it goes to Finance for processing and payment which is made from Finance to Contractor. For both consultants and contractors a portion of payment is made for specific work items only. Mr. Bradford presented a sample pay request showing pay items, work items, retainage, performed and signed by contractor and the multiple internal parties, an affidavit for payment of claims and sales tax and certification. Mr. Bradford asked if there were any questions or concerns. There were none.

Mr. Hartye also mentioned there were controls as to the level of funds involved and asked Mr. Powell to explain those. Mr. Powell stated that depending on the amount of monies being spent, there are multiple levels of review. Any items that are \$5,000.00 and below are approved by Project Engineer; any items \$5,000.00 and above have to be approved by Project Engineer and Director of Engineering; anything above \$10,000.00 is approved by Project Engineer, Director of Engineering and Director of Finance; and any items over \$20,000.00 has to be approved by all of the above and the General Manager as well. Items are reviewed multiple times before a payment is made. There were no questions.

Mr. Hartye reported that the August Right of Way Committee meeting has been cancelled. The next Right of Way Committee meeting will be held at 9am on September 26th. The next regular Board meeting will be held on September 19th at 2 pm.

7. Report of Committees:

a. Right of Way Committee–July 25, 2018

Mr. Kelly reported that the Right of Way Committee met on July 25, 2018, and made recommendations, all of which are routine and included in this Board package. There were no questions.

b. Planning Committee–August 15, 2018

Mr. Root reported that the Planning Committee met before this Board meeting to discuss future issues and growth that we may be facing here at MSD. Also addressed was a policy that expired a few years ago and Staff made a recommendation to bring this policy back into effect. Mr. Hartye briefly explained this policy for the benefit of those not at the Planning Committee Meeting. Mr. Kelly asked if this policy had a monetary amount that could not be exceeded and if the term was indefinite. Mr. Hartye stated that the amount that cannot be exceeded is the original cost of the extension and the term is 10 years. Mr. Kelly stated that he was asking collectively, suppose there were 10 projects, if there is a cap. Mr. Hartye stated no. MSD was not getting any interest at the time. Mr. Clarke stated that all of the costs are subject to available funding. There were no further questions. Planning Committee recommends that MSD reinstate the policy of Revenue Sharing (of Future User Charges) for extensions made by others and that there be no horizon on the incentive and that Staff report to the Board annually on status of all financial incentives. Mr. VeHaun called for a motion to approve the Planning Committee's recommendation. Mr. Root moved. Mr. Pelly seconded the motion. Roll call vote was as follows: 11 ayes; 0 Nays.

8. Consolidated Motion Agenda:

a. Consideration of Condemnation – Long Shoals Road @ Allen Avenue:

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

b. Consideration of Lawsuit – Christian Creek Interceptor, Porter’s Cove Road and I/40 Interchange – Norfolk Southern Railway:

Mr. Hartye reported this crossing was installed in approximately 1928 and has been the only means of access for MSD to maintain approximately 1 mile of this interceptor. In early 2016, System Services Staff discovered that the crossing was destroyed without any notice to MSD. Over the last 2 years MSD has worked with Norfolk Southern Railway to try to re-establish this crossing. MSD is only 1 year away from bidding and construction for replacement of this interceptor and Staff recommends suing Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor. Mr. Clarke feels they have made good progress and hopes to have the issue resolved in the near future. There is a draft agreement that is waiting on some additional language from the railroad and he feels confident that this will be resolved but Staff is asking for authority if this does not get resolved. If they are not agreeable to resolve this issue MSD would like to proceed with a lawsuit, asking for an easement instead of a license agreement. Right of Way Committee recommends accepting Staff’s recommendation to obtain appraisal and proceed with a lawsuit against Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor. There was no discussion regarding this item.

c. Consideration of Compensation Budget–Springside Road @ Overlook Road GSR:

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

d. Consideration of Compensation Budget–26 Wilshire Drive Sewer Rehabilitation:

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

e. Acceptance of Developer Constructed Sewer Systems: Cedar Cliff Village and Mattera Subdivision:

Mr. Hartye reported that the Cedar Cliff Village project included extending approximately 1,310 linear feet of 8-inch public gravity sewer to serve the 34 unit single family residential development.

Mr. Hartye reported that the Mattera Subdivision project included extending approximately 250 linear feet of 8-inch public gravity sewer to serve the 6 unit single family residential development.

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

f. Consideration of Reimbursement Resolution for Bond Projects:

Mr. Powell reported that to be in compliance with IRS regulations concerning tax-exempt financing, all expenditures made with non-MSD bond funds and to be reimbursed from MSD bond funds must be properly identified and authorized. The proposed reimbursement resolution identifies major projects intended to be solely or substantially financed by bonds anticipated to be issued in FY 2024. Board approval is required to obtain the tax-exemption of interest paid on MSD bonds by authorizing reimbursement from bond proceeds of the expenditures for the attached project listing.

g. Fourth Quarter Budget to Actual Review – FY 2018

Mr. Powell reported that the Domestic Revenue is above budgeted expectations. Staff believes Domestic User Fee variance will end up around 103% when June accounts receivable data is received from its Member Agencies in relation to the District's audit in September. Industrial Revenue is trending better than budgeted expectations due to temporary increased revenue from one industrial user. Facility and Tap Fees are above budgeted expectations. This is due to the District receiving \$1.9 million from 5 developments at the end of the year as well as the conservative nature in which these funds are budgeted. Interest and miscellaneous income are above budgeted expectations due to short-term interest rates being better than anticipated for the fiscal year. O&M expenditures are at 95.2% of budget. This amount may vary slightly from audited numbers due to final accruals for the fiscal year. Bond principal and interest are better than budgeted expectations due to the interest rate swap associated with Series 2008A revenue refunding bonds. Capital Project expenditures are at approximately 93.4% of budget. This reflects the Plan Headworks project running a little behind schedule.

h. Cash Commitment/Investment Report Month ended February, 2018:

Mr. Powell reported that Page 36 presents the makeup of the District's Investment Portfolio. There has been no significant change in makeup of the portfolio from the prior month. Page 37 presents the MSD investment managers report for the month of June. The weighted average maturity of the investment portfolio is 133 days. The yield to maturity is 1.98%. Page 40 presents MSD's Variable Debt Service report. The 2008A Series are performing better than budgeted expectations. As of the end of July, both issues have saved the District rate payers approximately \$5.5 million in debt service since April, 2008.

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: 11 ayes; 0 Nays.

9. Old Business:

None.

10. New Business:

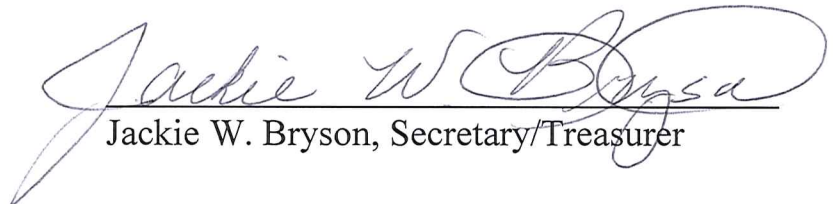
Mr. Clarke reported that Mr. Mike Bryant with the NC League of Municipalities gave a presentation in Closed Session on March 21, 2018, regarding

a sewer back up on Old Toll Road. There were remaining issues to be taken care of with regard to the claim. He turned the meeting over to Mr. Bryant for an update. Mr. Bryant stated again that this issue was discussed previously on the structural portion of this claim. At that time he indicated that there would be another outstanding issue which was the personal property or contents. They have been able to resolve that issue. The original demand was around \$265,000.00 and they were able to compromise with this Owner for \$90,000.00, which is in the range Mr. Bryant originally told this Board it probably would be in. There are some expert expenses outstanding totaling about \$9,000.00. Today he is asking for authority to pay \$98,066.79 to finalize this matter. Mr. Clarke clarified that this amount is MSD money because this claim exceeded the coverage for an individual incident of \$250,000.00. Mr. Bryant stated that under the policy pollution is excluded, and sewer is a pollutant. Coverage for pollutants is available but is limited to \$250,000.00. The insurance paid the original \$250,000.00 and after this payment, MSD's portion would total \$224,512.82 to finalize the entire matter. Mr. Clarke stated that Mr. Bryant has negotiated a good settlement, and he recommends the Board approve.

There was no discussion. Mr. VeHaun called for a motion to approve the amount of \$98,066.79 to settle this matter. Mr. Kelly moved. Mr. Pressley seconded the motion. Roll call vote was as follows: 11 ayes; 0 Nays.

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:42 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 8/15/18

✓	Agenda Item	Presenter	Time	
	Call to Order and Roll Call	VeHaun	2:00	
	01. Inquiry as to Conflict of Interest	VeHaun	2:10	
	02. Approval of Minutes of the July 18, 2018 Board Meeting	VeHaun	2:15	
	04. Discussion and Adjustment of Agenda	VeHaun	2:20	
	05. Informal Discussion and Public Comment	VeHaun	2:25	
	06. Report of General Manager	Hartye	2:30	
	07. Report of Committees	VeHaun	2:40	
	a. Right of Way Committee - July 25, 2018	Kelly		
	b. Planning Committee – August 15, 2018	Root		
	08. Consolidated Motion Agenda	Hartye	2:50	
	a. Consideration of Condemnation – Long Shoals Road @ Allen Avenue GSR	Hartye		
	b. Consideration of Lawsuit – Christian Creek Interceptor			
	c. Consideration of Compensation Budget – Springside Road @ Overlook Road GSR			
	d. Consideration of Compensation Budget – 26 Wilshire Drive Sewer Rehabilitation			
	e. Consideration of Developer Constructed Sewer Systems – Cedar Cliff Village; Mattera Subdivision			
	f. Consideration of Reimbursement Resolution for Bond Projects	Powell		
	g. Fourth Quarter Budget to Actual Review – FY 2018	Powell		
	h. Cash Commitment Investment Report-Month ended June, 2018	Powell		
	09. Old Business:	VeHaun	3:00	
	10. New Business:	VeHaun	3:10	
	11. Adjournment: (Next Meeting 9/19/18)	VeHaun	3:15	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
July 18, 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, July 18, 2018. Chairman VeHaun presided with the following members present: Ashley, Bryson, Holland, Kelly, Pelly, Pressley, Root, Watts and Wisler. Frost and Manheimer were absent.

Others present were: Thomas E. Hartye, PE, General Manager; William Clarke, General Counsel; Alex Paschal with Roberts & Stevens; Forest Westall with McGill Associates; Joseph Martin with Woodfin Sanitary Water and Sewer District; Ed Bradford, Hunter Carson, Angel Banks, Wesley Banner, Ken Stines, Cheryl Rice, Kevin Johnson, Peter Weed, Mike Stamey, Jim Hemphill and Pam Nolan, MSD.

2. Election of Officers:

Mr. VeHaun called for nominations for Chairman of the MSD Board. Mr. Watts nominated Mr. VeHaun as Chairman. Mr. Root seconded the nomination. With no further nominations Mr. VeHaun called for a motion that nominations be closed and that, by acclamation, Mr. VeHaun be elected as Chairman of the MSD Board for 2018-2019. Mr. Pelly made the motion. Mr. Kelly seconded the motion. Voice vote in favor of the motion was unanimous.

Mr. VeHaun called for nominations for Vice Chairman of the MSD Board. Ms. Bryson nominated Mr. Kelly. Mr. Pelly seconded the nomination. Mr. VeHaun called for further nominations. With no further nominations, Mr. VeHaun called for a motion that nominations be closed and that, by acclamation, Mr. Kelly be elected as Vice Chairman of the MSD Board for 2018-2019. Ms. Wisler made the motion. Mr. Holland seconded the motion. Voice vote in favor of the motion was unanimous.

Mr. VeHaun appointed Ms. Bryson as Secretary/Treasurer of the MSD Board for 2018-2019. Mr. Watts moved to approve the appointment of Ms. Bryson. Mr. Pelly seconded the motion. Voice vote in favor of the appointment was unanimous.

3. Inquiry as to Conflict of Interest:

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

4. Approval of Minutes of the June 13, 2018 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the June 13, 2018 Board Meeting. Mr. Watts moved for approval of the minutes as presented. Mr. Pressley seconded the motion. Voice vote in favor of the motion was unanimous.

5. Discussion and Adjustment of Agenda:

None.

6. Informal Discussion and Public Comment:

Mr. VeHaun welcomed Alex Paschal with Roberts & Stevens and Joe Martin with Woodfin Sanitary Water and Sewer District. There was no public comment.

7. Report of General Manager:

Mr. Hartye reported that Byrdene Byerly of 8 Nebraska Street called to let MSD know how happy she was with the work that Roy Lytle's crew did. Thanks to Roy Lytle, Jamie Foxx, Shane Meadows, Nicholas Hercules and Marvin Felder.

Mr. Hartye reported that the homeowner from 206 N. Main Street in Weaverville called to commend Grady Brooks for his quick response.

Mr. Hartye reported that Sam Hollifield of 133 Norwood called to commend Gilbert Karn and Angela Lewis stating that they were very polite and professional.

Mr. Hartye reported that the Planning Committee will meet on August 15th prior to the regular Board Meeting. Items to be discussed include potential future development hot spot areas that currently lack sewer service and how MSD partners with others for expansion of the sewer system. There will also be a discussion on possibly reinstating a shared revenue policy for unsewered areas that was initiated in response to a situation in the City of Asheville several years back that has rearisen. That policy had a 3 year horizon on it and is currently not available.

The next Right of Way Committee meeting will be held on July 25th at 9 am. The next regular Board Meeting will be held on August 15th at 2 pm.

8. Report of Committees:

a. Personnel Committee – July 18, 2018

Ms. Bryson reported that the Personnel Committee met on this day at 1:00 pm to consider the evaluation of the General Manager. The Committee recommends the Board approve increasing Mr. Hartye's vacation days from 25 per year to 28 per year, approve salary increase of 3.0% and renew his contract for another 4 year term. Mr. Clarke noted that the 3.0% will increase Mr. Hartye's current salary to \$196,690.00 per year. All other terms and conditions of the contract will remain the same. Mr. VeHaun called for a motion to approve the recommendation of the Personnel Committee. Mr. Watts made the motion. Mr. Ashley seconded the motion. Roll call vote was as follows: 10 Ayes; 0 Nays.

9. Consolidated Motion Agenda:

a. Consideration of Bids – Hill Street Sanitary Sewer Rehabilitation Project:

Mr. Hartye reported that this project is located in the Montford area, adjacent to I-240. The project consists of about 2,088 LF of 8-inch DIP to replace the old clay line. The project was advertised and two bids were received on June 28, 2018. The project was therefore re-advertised and two bids were again received on July 6, 2018 as follows: Thomas Construction Company in the amount of \$992,047.00 and Terry Brothers Construction Company in the amount of \$649,029.00. The apparent low bidder is Terry Brothers Construction Company with a bid amount of \$649,029.00. The FY 17-18 Construction Budget for this project is \$685,000.00. Staff recommends award of this contract to Terry Brothers Construction Company in the amount of \$649,029.00, subject to review and approval by District Counsel.

b. Consideration of Developer Constructed Sewer Systems: Ascot Point Ph. 3; Lakeshore Drive; Ardmion Homes; Biltmore Lake Block 1, Ph. 3; Greymont Village; 88 Southside Avenue; Central Avenue; Liberty Oaks Ph. 1A; Kennesaw Street; Maple Trace, Phase 3:

Mr. Hartye reported that The Ascot Point Phase 3 project is located off Hendersonville Road and included extending approximately 213 linear feet of 8-inch public gravity sewer to serve the 104 unit multi-family residential development.

Mr. Hartye reported that the Lakeshore Drive project is located in the Town of Weaverville and included extending approximately 70 linear feet of 8-inch public gravity sewer to serve the 4 unit single family residential development.

Mr. Hartye reported that the Ardmion Homes project is located off in the City of Asheville and included extending approximately 213 linear feet of 8-inch public gravity sewer to serve the 5 unit single family residential development.

Mr. Hartye reported that the Biltmore Lake Block 1 Phase 3 project is located off of Reeves Cove Road and included extending approximately 1,830 linear feet of 8-inch public gravity sewer to serve 23 units for this phase of the single family residential development.

Mr. Hartye reported that the Greymont Village project is located off Sardis Road and included extending approximately 3,181 linear feet of 8-inch public gravity sewer to serve the 356 unit apartment complex.

Mr. Hartye reported that the 88 Southside Avenue project is located at Short Coxe and Southside Avenues in the City of Asheville and included extending approximately 293 linear feet of 8-inch public gravity sewer to serve the 18 unit single family townhome residential development.

Mr. Hartye reported that the Central Avenue project is located off Hemlock Drive in the City of Asheville and included extending approximately 303 linear feet of 8-inch public gravity sewer to serve the 6 unit single family residential development.

Mr. Hartye reported that the Liberty Oaks Phase 1A project is located off Smokey Park Highway and included extending approximately 1,095 linear feet of 8-inch public gravity sewer to serve the 38 units for this phase of the single family residential development.

Mr. Hartye reported that the Kennesaw Street project is located at Cedar and Kennesaw Street in the City of Asheville and included extending approximately 191 linear feet of 8-inch public gravity sewer along with abandoning approximately 150 linear feet of public gravity sewer to accommodate the 5 unit single family residential development.

Mr. Hartye reported that the Maple Street Phase 3 project is located off Reems Creek Road in Buncombe County and included extending approximately 1,262 linear feet of 8-inch public gravity sewer to serve the 24 units for this phase of the single family residential development.

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

c. Consideration of Cost Participation: Beacham's Curve Development:

Mr. Hartye reported that this project is located on Beacham's Curve in West Asheville. There are existing public sewer lines running through the property. The existing pipe is 6-inch clay with multiple sags. Mr. Hartye presented a map of the location and explained that this project was going to be a future CIP to be replaced a few years out. Realignment of the existing line would have involved placing a new line in Haywood Road which would have been very deep and costly. Since there is a developer, Big Jake Enterprises, developing in the area, the District has decided to partner with them. The District uses a formula that takes into account the age of the pipe, infiltration and inflow and the amount of flow the developer is going to contribute vs. the amount the line can serve. This gives a percentage by which the District will participate in the extension. There were several options discussed and Big Jake Enterprises chose the second option with a cost estimate of \$230,906.43. At a 60% participation level, MSD's share is \$138,600.00. Staff recommends the District approve a reimbursement of \$138,600.00 to Big Jake Enterprises LLC, contingent upon full completion of the sewer rehabilitation portion of their project. No payment shall be issued until the sewer is installed to MSD Standards and Specifications, all final paperwork is received including easement conveyance and the system is fully accepted by the District Board.

d. Cash Commitment/Investment Report Month ended May, 2018:

Mr. Hartye reported that Page 41 shows the makeup of the District's Investment Portfolio as of May 31st with a total of \$79,268,924.00. After taking into consideration our budgeted commitments to the end of FY 18 the estimated remaining carryover for Capital Outlay is \$55,316,875. Page 42 and 43 is the MSD's Investment Manager's report. The weighted average maturity of the investment portfolio is 135 days. The yield to maturity is 1.90%. Page 44 shows Cash Receipts as of May 31st. Monthly and year to date trends are normal for revenues from both domestic and industrial customers, save for the temporary increased revenue from one industrial user that is in the process of finishing it's pretreatment system. Facility and tap revenue is up from new development activity. Page 45 shows monthly and YTD expenditures, which are reasonable based upon historic trends. Page 46 shows MSD's variable Debt Service report. This series is still performing better than projected and has saved the District approximately \$5.5 million since April, 2008. Mr. Hartye reported that there is a list of principal commercial and industrial users available on the ipads. Milkco, Inc. is the top user at this point with revenue at about 1.74%. New Belgium's total charges for last year were \$571,373.00, or 1.61% which will go down significantly. This is the "temporary increased revenue" user that Scott Powell refers to. They are building their pre-treatment system and are almost done. That revenue will go down significantly once they start pre-treating, probably in the range of Sierra Nevada's at \$246,120.00 or less. Mission Health System, Jacob Holm Industries and Duke Progress are also on this list. If you add them all up the industrial component adds up to approximately 8.89% of the total revenue. In 1996 the industrial component was at approximately 20% due to textiles and the Gerber Plant, so the dynamics have changed quite a bit over the years.

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

9. Old Business:

At 2:26 pm, Mr. VeHaun called for a motion to go into closed session to discuss a possible settlement in the condemnation of MSD vs. Pearlman, Buncombe County Superior Court, 18 CVS 180. Mr. Watts made the motion. Ms. Bryson seconded the motion. Voice vote in favor of the motion was unanimous. Mr. Hartye, Ms. Banks, Mr. Bradford, Mr. Banner, Mr. Stamey and Ms. Nolan were also present for the discussion.

Ms. Banks explained that this parcel is located at 28 Elk Mountain Scenic Highway and is part of the Asheville Country Club project. This is a 3.26 acre parcel and MSD has taken .193 acres of permanent easement and .288 acres of temporary easement. She presented pictures of the parcel before construction and after, and explained that the house sits in the middle of the parcel. Owner's concern was loss of trees and privacy. The majority of the buffer area in question

was covered with weeds and scrub trees. There were several cherry trees lost during construction and a 32" sycamore at the lower end of the parcel. MSD's original compensation amount offered to the owner was \$11,768.00. This amount was deposited with the Clerk of Court at the time of filing the condemnation. Owner requested \$147,775.00, citing his loss of trees and buffer area. During the mediation discussions on July 10, 2018, MSD was at \$50,000.00 and owner was at \$115,000.00. After much discussion, MSD and owner came to an agreement of \$75,000.00. Mr. Clarke stated that he would recommend settling for the amount of \$75,000.00, inclusive of the \$11,768.00 previously deposited. There were no questions. Mr. Pelly made the motion to recommend to the Board to settle the pending condemnation against Pearlman in the amount of \$75,000.00. Mr. Watts seconded. Voice vote was unanimous.

At 2:40 pm, the Board went back into open session.

Mr. Pelly made the motion to settle the pending condemnation against Pearlman in the amount of \$75,000.00. Mr. Watts seconded the motion. Roll call vote was as follows: 10 ayes; 0 Nays.

10. New Business:

None

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:42 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

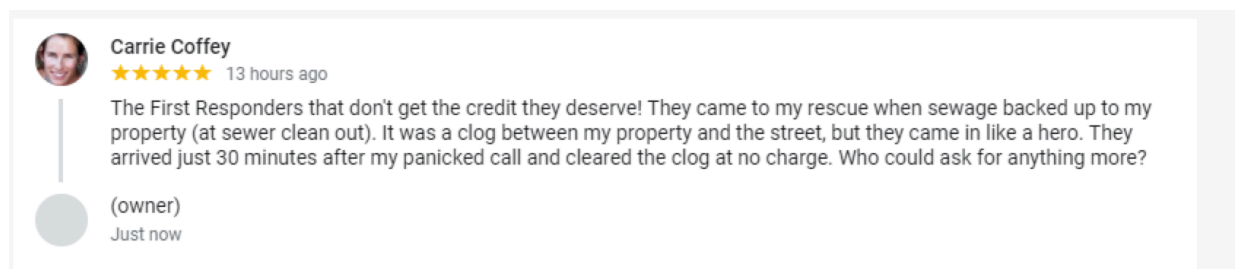
TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: August 15, 2018
SUBJECT: Report from the General Manager

- NCDOL Safety Award

Attached is a Certificate of Safety Achievement for MSD from the NC Dept. of Labor. Congratulations to all employees at MSD and to Dan Waugh and Sandra Moore for heading up our effort. This will help lower our multiplier and future insurance costs.

- Kudos

Below is a Google My Business provided by Carrie Coffey of Walker Street. Thanks to Wayne Rice. This last fiscal year our first responders had an average arrival time of 27 minutes from the customer call-ins!



- Board/Committee Meetings/Events

The Planning Committee will meet August 15th at 1pm prior to the Board Meeting. The August Right of Way Committee Meeting has been cancelled. The next Right of Way Committee meeting will be held at 9 am on September 26th. The next Regular Board Meeting will be held on September 19th at 2 pm.



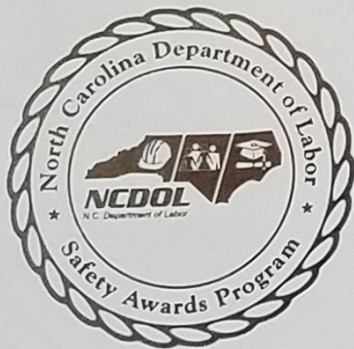
Certificate of Safety Achievement

Fourth Consecutive Year Silver

In recognition of the outstanding safety and health efforts of

**METROPOLITAN SEWERAGE DISTRICT
ADMINISTRATION & WATER RECLAMATION FACILITY,
SYSTEM SERVICES**

that resulted in a substantial reduction of injuries and illnesses
and the promotion of safer working conditions in 2017.



Cherie Berry
Commissioner of Labor

**RIGHT OF WAY
COMMITTEE RECOMMENDATIONS
AND MINUTES
July 25, 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 9:00 a.m. on Wednesday, July 25, 2018. The following Right of Way Committee members were present: Glenn Kelly, Matt Ashley, Esther Manheimer and Chris Pelly.

Others present were: William Clarke, MSD Counsel; Jerry VeHaun, Board Chairman; Bob Watts and Al Root, Board Members; Tom Hartye, PE, General Manager; Angel Banks, Ed Bradford, Mike Stamey, Hunter Carson, Ken Stines, Shaun Armistead, Wesley Banner 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 was none.

**III. Consideration of Condemnation–
Long Shoals Road @ Allen Avenue GSR, Project No. 2010013**

Property Owner: RCG Skyland LLC, Pin Number 9645-90-7314

Parcel is improved with South Asheville Commons apartment complex, constructed around 1977. Existing 8” sewer runs diagonally across southwest corner (rear) of property in a severe slope. Zoning is RM-16 with a rear setback of 15’ and side setback of 6’. Two-thirds of the permanent easement lies outside of setbacks (approximately 600 SF), but due to severity of the slope it is unusable area. The proposed rehabilitation relocates the 8” sewer to be more parallel to the western boundary line.

At site meeting in May, owner stated he was not willing to sign easement as he felt MSD’s work benefits his neighbor to the west, a new apartment complex. There are bad relations between the two apartment groups and subject owner stated he was preparing to file an injunction against the new complex. Subject owner felt MSD’s project would benefit the new apartment complex and his not agreeing to grant the easement would delay our project. After explaining that there was a public sewer on both sites before and MSD’s rehab provided no additional benefit aside from being new (no upsizing, etc.), subject owner was still not agreeable to grant an easement. All follow up contacts after our May site meeting have been ignored.

Total Contacts: 8

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

Ms. Banks presented a map and explained the location and situation regarding this parcel. There was no discussion. Mr. Kelly made the motion to accept Staff's recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

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

**IV. Consideration of Lawsuit –
Christian Creek Interceptor, Project No. 2011110
Porter's Cove Road and I/40 Interchange**

Property Owner: Norfolk Southern Railway

Christian Creek Interceptor is located between US Highway 70 and I-40 in the Azalea area. MSD will be replacing approximately 12,379 LF of existing 8" VCP with 8", 12" and 16" DIP. The existing system is undersized, in poor structural condition and has experienced multiple SSO's. Design is complete and easement acquisition is underway. Construction is planned for FY 19/20.

This interceptor system was installed circa 1928. The rail crossing near Porter's Cove Road has been the only means of access for MSD to maintain the lower 5,000 LF of this interceptor, and was used by the previous system owner prior to the sewer consolidation. Early in 2016, System Services discovered MSD's lock at the crossing gate had been cut and the crossing destroyed without any notice to MSD. After multiple calls to NSR, we were told that the owner of the Comfort Inn had petitioned NSR to retire the crossing, citing the train whistle was disturbing his guests.

The last two years MSD has worked with NSR to re-establish the crossing. First, Billy Clarke sent an explanatory letter of our long use and the fact that removal of this crossing prevented "MSD from carrying out its statutory obligation to operate, maintain, repair and replace the sewer line." He requested NSR re-establish the crossing immediately. The NSR declined to re-establish the crossing, saying that MSD would have to apply for a new crossing, pay a \$500 application fee and an annual \$500 fee thereafter. MSD has applied for a new crossing as demanded by NSR. Billy Clarke reviewed the crossing agreement and modified several onerous items. As example, NSR required MSD to cut the vegetation at the crossing; MSD feels that is the responsibility of NSR. Also the agreement allowed for termination with only a 30-day notice; MSD modified that to 120 days. MSD's comments were sent to NSRR in November of 2017. No response was received from NSR and multiple follow ups were made. MSD received a one-sentence response on 6/25/2018 which read, "Per our attorney, none of your requested changes are acceptable." No explanations or suggestions to work together were offered.

As we are only one year away from bidding and construction, staff recommends suing Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

STAFF RECOMMENDATION: Authority to obtain appraisal and proceed with a lawsuit against Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

Ms. Banks presented a map and explained the location and situation. Mr. Carson stated that he has visited the site many times to look for alternative access points. He stated that it is very unlikely there would be any access granted directly off of I-40 and even if the DOT considered this, there are very steep slopes (about a 50% grade) coming off of I-40. Porter's Cove Road is not an option as there is a bridge over the railway with about a 30'-40' drop. He stated that he had looked at areas to the East but there would have to be a new road installed with additional cost. One of the main complaints from the property owner was that the railroad has to blow their whistle at the crossing and it was disturbing to their guests so even though this area could be a possibility for a new road there would be a crossing and the railroad would still be blowing the whistle. The area between US 70 and the railroad is very tight with another approximate 30' drop off so once again, this would not be a great access point. He stated that he had also looked at areas behind Wright Tool but there would be multiple creek crossings to get to the lower portion of the project and this would not be feasible from a long term maintenance stand point. Mr. Carson stated that he believed that re-instating this crossing is the only option for constructing this line and having future maintenance access. Mr. Pelly asked what the railroad's issue is. Ms. Banks stated that they have taken the crossing out. Mr. Carson also stated that since this crossing has been removed, if MSD had an SSO there would be no way to access the line. He stated that there are mounds of asphalt and dirt dumped in the crossing area. Ms. Banks presented pictures of the crossing before and after removal. Mr. Bradford stated that an important point is that this was our access and was taken out without our consent. Ms. Banks stated that in 2016 staff went to the site and the MSD lock had been cut and the gate was pulled up, no-one at MSD was notified. Mr. Clarke stated that Mr. Carson has been working diligently with railroad staff. MSD had some issues with the railroad's crossing agreement and Mr. Clarke spoke with the railroad's attorney. The railroad still requests their \$500.00 up front fee and annual crossing fee for the License Agreement which seems reasonable under the circumstances. There was some further discussion regarding the provisions of the agreement. Mr. Clarke feels that they have made good progress and hopes to have the issue resolved in the next month. The issue with the horn is that there are certain times when they are required to blow the horn, such as at a public grade crossing. Although this is a private grade crossing, they will not give up their right to blow the horn as they see this as a safety issue. When construction is in progress they will be blowing the horn, other times they will not. Mr. Ashley asked who removed the crossing. Mr. Clarke stated that Norfolk Southern removed it at the request of the owner of the Comfort Inn. Ms. Banks also pointed out that the agreement with the railroad being discussed today is a License Agreement which would be a cheaper option. If they are not agreeable to resolve this issue and MSD has to proceed with a lawsuit, MSD would ask for an Easement instead of a License Agreement. Mr. Clarke stated that all of the documents with the railroad are license agreements. There was no further discussion. Mr. Kelly made the motion to accept Staff's recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Authority to obtain appraisal and proceed with a lawsuit against Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

**V. Consideration of Compensation Budget –
Springside Road @ Overlook Road GSR, Project No. 2012127**

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 consists of replacing 4,056 lf of existing 6” and 8” clay line with 8” and 12” ductile iron pipe. There was no discussion. Mr. Kelly made the motion to accept Staff’s recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budget.

**VI. Consideration of Compensation Budget –
26 Wilshire Drive Sewer Rehabilitation, Project No. 2016192**

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 consists of 1,478 lf of 6” clay with 8” ductile iron. There was no discussion. Mr. Kelly made the motion to accept Staff’s recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budget.

VII. Quarterly Report – Fourth 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 being no further business, the meeting adjourned at 9:27 am.

Metropolitan Sewerage District of Buncombe County

Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 7/25/2018

BOARD MEETING DATE: 8/15/2018

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–
Long Shoals Road @ Allen Avenue GSR, Project No. 2010013**

Property Owner: RCG Skyland LLC, Pin Number 9645-90-7314

Parcel is improved with South Asheville Commons apartment complex, constructed around 1977. Existing 8" sewer runs diagonally across southwest corner (rear) of property in a severe slope. Zoning is RM-16 with a rear setback of 15' and side setback of 6'. Two-thirds of the permanent easement lies outside of setbacks (approximately 600 SF), but due to severity of the slope it is unusable area. The proposed rehabilitation relocates the 8" sewer to be more parallel to the western boundary line.

At site meeting in May, owner stated he was not willing to sign easement as he felt MSD's work benefits his neighbor to the west, a new apartment complex. There are bad relations between the two apartment groups and subject owner stated he was preparing to file an injunction against the new complex. Subject owner felt MSD's project would benefit the new apartment complex and his not agreeing to grant the easement would delay our project. After explaining that there was a public sewer on both sites before and MSD's rehab provided no additional benefit aside from being new (no upsizing, etc.), subject owner was still not agreeable to grant an easement. All follow up contacts after our May site meeting have been ignored.

Total Contacts: 8

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

Ms. Banks presented a map and explained the location and situation regarding this parcel. There was no discussion. Mr. Kelly made the motion to accept Staff's recommendation. Mr. Pelly 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: 7/25/2018

BOARD MEETING DATE: 8/15/2018

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 Lawsuit –
Christian Creek Interceptor, Project No. 2011110
Porter’s Cove Road and I/40 Interchange**

Property Owner: Norfolk Southern Railway

The Christian Creek Interceptor is located between US Highway 70 and I-40 in the Azalea area. MSD will be replacing approximately 12,379 LF of existing 8” VCP with 8”, 12” and 16” DIP. The existing system is undersized, in poor structural condition and has experienced multiple SSO’s. Design is complete and easement acquisition is underway. Construction is planned for FY 19/20.

This interceptor system was installed circa 1928. The rail crossing near Porter’s Cove Road has been the only means of access for MSD to maintain the lower 5,000 LF of this interceptor, and was used by the previous system owner prior to the sewer consolidation. Early in 2016, System Services discovered MSD’s lock at the crossing gate had been cut and the crossing destroyed without any notice to MSD. After multiple calls to NSR, we were told that the owner of the Comfort Inn had petitioned NSR to retire the crossing, citing the train whistle was disturbing his guests.

The last two years MSD has worked with NSR to re-establish the crossing. First, Billy Clarke sent an explanatory letter of our long use and the fact that removal of this crossing prevented “MSD from carrying out its statutory obligation to operate, maintain, repair and replace the sewer line.” He requested NSR re-establish the crossing immediately. The NSR declined to re-establish the crossing, saying that MSD would have to apply for a new crossing, pay a \$500 application fee and an annual \$500 fee thereafter. MSD has applied for a new crossing as demanded by NSR. Billy Clarke reviewed the crossing agreement and modified several onerous items. As example, NSR required MSD to cut the vegetation at the crossing; MSD feels that is the responsibility of NSR. Also the agreement allowed for termination with only a 30-day notice; MSD modified that to 120 days. MSD’s comments were sent to NSRR in November of 2017. No response was received from NSR and multiple follow ups were made. MSD received a one-sentence response on 6/25/2018 which read, “Per our attorney, none of your requested changes are acceptable.” No explanations or suggestions to work together were offered.

As we are only one year away from bidding and construction, staff recommends suing Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

STAFF RECOMMENDATION: Authority to obtain appraisal and proceed with a lawsuit against Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

Ms. Banks presented a map and explained the location and situation. Mr. Carson stated that he has visited the site many times to look for alternative access points. He stated that it is very unlikely there would be any access granted directly off of I-40 and even if the DOT considered this, there are very steep slopes (about a 50% grade) coming off of I-40. Porter's Cove Road is not an option as there is a bridge over the railway with about a 30'-40' drop. He stated that he had looked at areas to the East but there would have to be a new road installed with additional cost. One of the main complaints from the property owner was that the railroad has to blow their whistle at the crossing and it was disturbing to their guests so even though this area could be a possibility for a new road there would be a crossing and the railroad would still be blowing the whistle. The area between US 70 and the railroad is very tight with another approximate 30' drop off so once again, this would not be a great access point. He stated that he had also looked at areas behind Wright Tool but there would be multiple creek crossings to get to the lower portion of the project and this would not be feasible from a long term maintenance stand point. Mr. Carson stated that he believed that re-instating this crossing is the only option for constructing this line and having future maintenance access. Mr. Pelly asked what the railroad's issue is. Ms. Banks stated that they have taken the crossing out. Mr. Carson also stated that since this crossing has been removed, if MSD had an SSO there would be no way to access the line. He stated that there are mounds of asphalt and dirt dumped in the crossing area. Ms. Banks presented pictures of the crossing before and after removal. Mr. Bradford stated that an important point is that this was our access and was taken out without our consent. Ms. Banks stated that in 2016 staff went to the site and the MSD lock had been cut and the gate was pulled up, no-one at MSD was notified. Mr. Clarke stated that Mr. Carson has been working diligently with railroad staff. MSD had some issues with the railroad's crossing agreement and Mr. Clarke spoke with the railroad's attorney. The railroad still requests their \$500.00 up front fee and annual crossing fee for the License Agreement which seems reasonable under the circumstances. There was some further discussion regarding the provisions of the agreement. Mr. Clarke feels that they have made good progress and hopes to have the issue resolved in the next month. The issue with the horn is that there are certain times when they are required to blow the horn, such as at a public grade crossing. Although this is a private grade crossing, they will not give up their right to blow the horn as they see this as a safety issue. When construction is in progress they will be blowing the horn, other times they will not. Mr. Ashley asked who removed the crossing. Mr. Clarke stated that Norfolk Southern removed it at the request of the owner of the Comfort Inn. Ms. Banks also pointed out that the agreement with the railroad being discussed today is a License Agreement which would be a cheaper option. If they are not agreeable to resolve this issue and MSD has to proceed with a lawsuit, MSD would ask for an Easement instead of a License Agreement. Mr. Clarke stated that all of the documents with the railroad are license agreements. There was no further discussion. Mr. Kelly made the motion to accept Staff's recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Authority to obtain appraisal and proceed with a lawsuit against Norfolk Southern Railway for an easement in perpetuity to guarantee access to the Christian Creek Interceptor.

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

COMMITTEE MEETING DATE: 7/25/2018

BOARD MEETING DATE: 8/15/2018

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 –

Springside Road @ Overlook Road GSR, Project No. 2012127

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 consists of replacing 4,056 lf of existing 6” and 8” clay line with 8” and 12” ductile iron pipe. There was no discussion. Mr. Kelly made the motion to accept Staff’s recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budget.

Springside Rd. @ Overlook Rd. GSR

Project Number: 2012127

Compensation Budget

11-Jul-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															
	9645811518	Browning	Jeffrey	1.82	79,279.20	\$53,600.00	\$0.68	6,864.80	\$4,668.06	\$2,334.03	11,157.40	\$7,587.03	\$758.70	6	\$379.35	\$2,713
	9645810637	Browning	Jeffrey	0.31	13,503.60	\$42,000.00	\$3.11	1,634.00	\$5,081.74	\$2,540.87	1,592.10	\$4,951.43	\$495.14	6	\$247.57	\$2,788
	9644890766	Buncombe County BOE										6				
	9645821145	Cramer	Daniel	1.75	76,230.00	\$53,300.00	\$0.70	5,247.50	\$3,673.25	\$1,836.63	6,316.00	\$4,421.20	\$442.12	6	\$221.06	\$2,058
	9645728273	Martin	Floyd	1.18	51,400.80	\$50,500.00	\$0.98	2,193.00	\$2,149.14	\$1,074.57	4,024.70	\$3,944.21	\$394.42	6	\$197.21	\$1,272
	9645718925	Martin	Yvonne	2.86	124,581.60	\$67,000.00	\$0.54	6,445.60	\$3,480.62	\$1,740.31	6,209.10	\$3,352.91	\$335.29	6	\$167.65	\$1,908
	9645810846	McCall	Terry	0.44	19,166.40	\$44,000.00	\$2.30	94.90	\$218.27	\$109.14	3,714.30	\$8,542.89	\$854.29	6	\$427.14	\$536

TOTALS:	\$11,276
Staff Contingency:	\$5,000
GM's Contingency	\$5,000
Amendment	
Total Budget:	\$21,276

Pin No. 9644-89-0766, 9645-80-0815 and 9645-81-0246 belong to the Buncombe County Board of Education. MSD does not compensate state agencies, county agencies, municipalities, etc.

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

COMMITTEE MEETING DATE: 7/25/2018

BOARD MEETING DATE: 8/15/2018

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 –**

26 Wilshire Drive Sewer Rehabilitation, Project No. 2016192

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 consists of 1,478 lf of 6” clay with 8” ductile iron. There was no discussion. Mr. Kelly made the motion to accept Staff’s recommendation. Mr. Pelly seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budget.

26 Wilshire Drive Sewer Rehabilitation

Project Number: 2016195

Compensation Budget

11-Jul-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															
	9628777201	Altmann	Ronald	0.30	13,068.00	\$41,800.00	\$3.20	1,071.17	\$3,427.74	\$1,713.87	0.00	\$0.00	\$0.00	2	\$0.00	\$1,714
	9628779526	Blevins	Michelle	0.20	8,712.00	\$39,500.00	\$4.53	1,000.41	\$4,531.86	\$2,265.93	1,611.70	\$7,301.00	\$730.10	2	\$121.68	\$2,388
	9628776367	Elkin	Edward	0.38	16,552.80	\$43,200.00	\$2.61	899.96	\$2,348.90	\$1,174.45	0.00	\$0.00	\$0.00	2	\$0.00	\$1,174
	9628778339	Fulmer	Jack	0.40	17,424.00	\$43,500.00	\$2.50	2,600.76	\$6,501.90	\$3,250.95	2,284.30	\$5,710.75	\$571.08	2	\$95.18	\$3,346
	9628778489	Penland	Patricia	0.28	12,196.80	\$41,400.00	\$3.39	3,150.71	\$10,680.91	\$5,340.45	1,333.22	\$4,519.62	\$451.96	2	\$75.33	\$5,416
	9628776257	Rogers	Norma Jean	0.41	17,859.60	\$43,600.00	\$2.44	2,806.82	\$6,848.64	\$3,424.32	2,521.19	\$6,151.70	\$615.17	2	\$102.53	\$3,527
	9628778254	Rubendall	Kathy	0.24	10,454.40	\$40,500.00	\$3.87	36.81	\$142.45	\$71.23	0.00	\$0.00	\$0.00	2	\$0.00	\$71
	9628778331	Sugg	Wendell	0.29	12,632.40	\$41,600.00	\$3.29	876.27	\$2,882.93	\$1,441.46	1,326.81	\$4,365.20	\$436.52	2	\$72.75	\$1,514
TOTALS:														\$19,150		
Staff Contingency:														\$5,000		
GM's Contingency														\$5,000		
Amendment																
Total Budget:														\$29,150		

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: August 15, 2018

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

REVIEWED BY: Ed Bradford, P.E. - Engineering Director

PREPARED BY: Kevin Johnson, P.E. - Planning & Development Manager

SUBJECT: Acceptance of Developer Constructed Sewer System for Cedar Cliff Village Sewer Extension, MSD Project No. 2017041

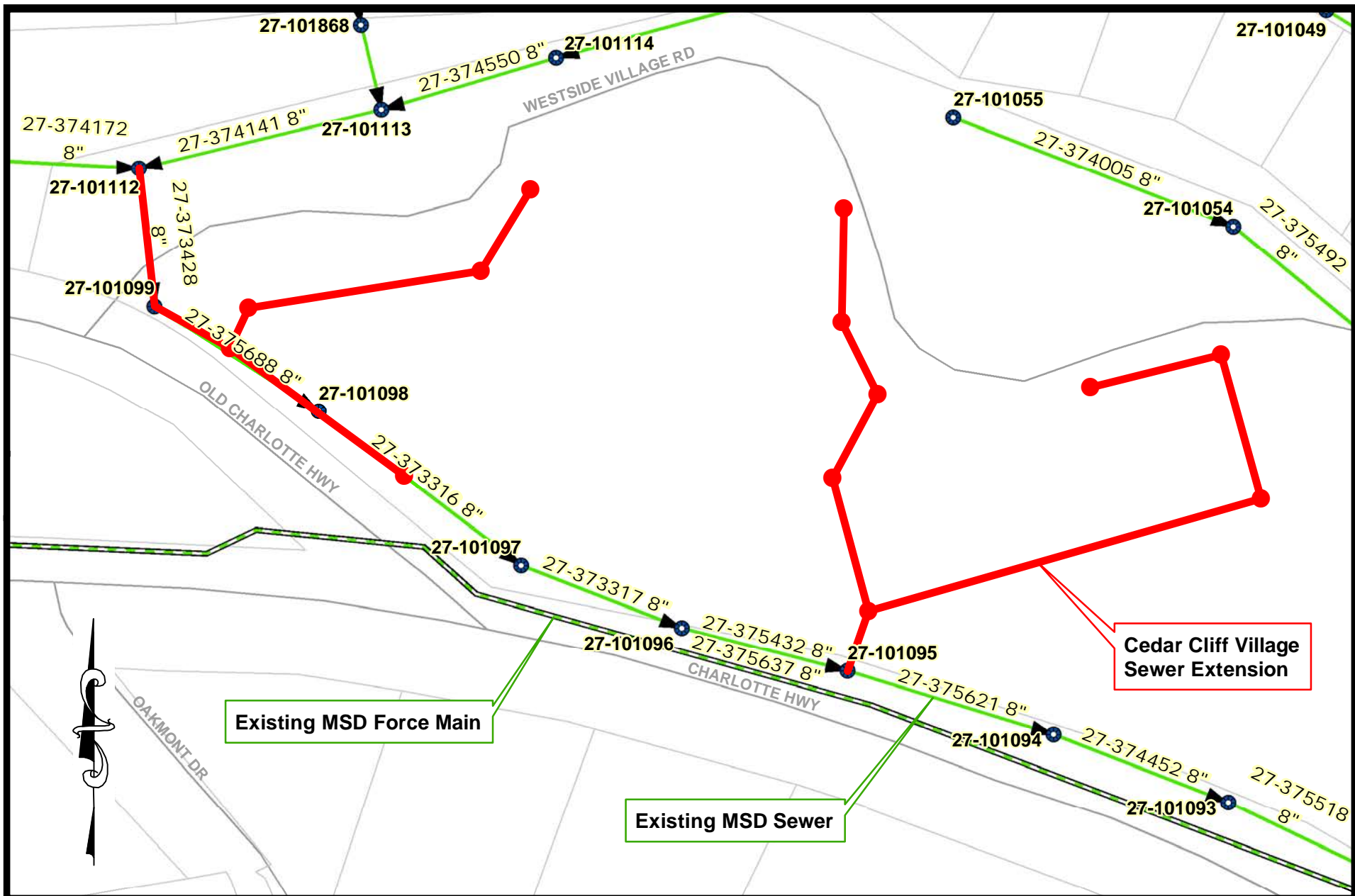
BACKGROUND: This project is located inside the District boundary off Southcliff Parkway in Buncombe County. The developer for this project is Billy Taylor of Fairview Holdings, LLC.

The project included extending approximately 1,310 linear feet of 8-inch public gravity sewer to serve the thirty-four (34) unit Single Family residential development.

A wastewater allocation was issued in the amount of 21,950 GPD for the project. The estimated cost of the sewer construction is \$148,000.00.

All MSD requirements have been met.

STAFF RECOMMENDATION: Staff recommends acceptance of this developer constructed sewer system.



MSD
Engineering Division

Cedar Cliff Village Sewer Extension MSD Project # 2017041

Metropolitan Sewerage District of Buncombe County

7/20/18

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: August 15, 2018

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

REVIEWED BY: Ed Bradford, P.E. - Engineering Director

PREPARED BY: Kevin Johnson, P.E. - Planning & Development Manager

SUBJECT: Acceptance of Developer Constructed Sewer System for the Mattera Subdivision Sewer Extension, MSD Project No. 2017023

BACKGROUND: This project is located inside the District boundary off Pleasant Grove Road in Buncombe County. The developer for this project is Joseph Mattera.

The project included extending approximately 250 linear feet of 8-inch public gravity sewer to serve the six (6) unit Single Family residential development.

A wastewater allocation was issued in the amount of 1,800 GPD for the project. The estimated cost of the sewer construction is \$25,000.00.

All MSD requirements have been met.

STAFF RECOMMENDATION: Staff recommends acceptance of this developer constructed sewer system.



**Mattera Subdivision
Sewer Extension**

Existing MSD Sewer



MSD
Engineering Division

**Mattera Subdivision Sewer Extension
MSD Project # 2017023**

Metropolitan Sewerage District of Buncombe County

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

Meeting Date: August 15, 2018
Submitted By: Thomas E. Hartye, PE., General Manager
Prepared By: W. Scott Powell, CLGFO, Director of Finance
Reviewed By: William Clarke, Legal Counsel
Subject: Reimbursement Resolution for Bond Projects

Background

IRS regulations require all expenditures made with MSD funds which are to be reimbursed from MSD bond funds to be properly identified and authorized. The proposed reimbursement resolution identifies major projects intended to be solely or substantially financed by bonds anticipated to be issued in FY2024. Board approval authorizing reimbursement from anticipated bond proceeds is required to preserve the tax-exempt nature of interest paid on MSD bonds.

This resolution does not take the place of an annual budget or capital projects ordinance as mandated by North Carolina General Statutes required authorizing any expenditures irrespective of source of the funds. The project has been or will be included in the District's annual budget process.

In addition to this current reimbursement resolution, additional resolutions may be submitted for other projects when their anticipated costs may be more accurately projected.

Discussion

\$40 million of bonds are planned to be issued in FY2024, and this reimbursement resolution is intended to preserve for the District the ability to issue the bonds as tax-exempt bonds and to reimburse itself from their proceeds for the temporary cash outlay made for the projects identified in the reimbursement resolutions.

Engineering Staff have identified several upcoming projects detailed on the attached exhibit, which could be reimbursed from the upcoming revenue bonds. Estimated reimbursable expenditures for these projects total \$12,733,000.

Meeting Date: August 15, 2018
Subject: Reimbursement Resolution for Bond Projects
Page 2

Fiscal Impact

Allows for reimbursement of project expenses with bond proceeds. This reimbursement resolution does not obligate the District to use bond proceeds for these projects, nor does it create an obligation for expenditure of the funds for the identified projects. Authorization for these project expenditures is provided by the annual budget ordinance or capital projects ordinance.

Staff Recommendation

Approval.

<u>Action Taken</u>			
Motion by:	to	<input type="checkbox"/> Approve	<input type="checkbox"/> Disapprove
Second by:		<input type="checkbox"/> Table	<input type="checkbox"/> Send to Committee
Other:			
Follow-up required:			
Person responsible:		Deadline:	

REIMBURSEMENT RESOLUTION

RESOLUTION OF THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY, NORTH CAROLINA DECLARING ITS INTENTION TO REIMBURSE ITSELF FROM THE PROCEEDS OF ONE OR MORE TAX-EXEMPT FINANCINGS FOR CERTAIN EXPENDITURES MADE AND/OR TO BE MADE IN CONNECTION WITH THE ACQUISITION, CONSTRUCTION AND/OR EQUIPPING OF CERTAIN CAPITAL IMPROVEMENTS

WHEREAS, the Metropolitan Sewerage District of Buncombe County, North Carolina (the "Issuer") is a body politic and corporate organized and existing under the laws of the State of North Carolina; and

WHEREAS, the Issuer has paid, beginning June 15, 2018, and will pay, on and after the date hereof, certain expenditures (the "Expenditures") in connection with the acquisition, design and construction of the projects on the attached Exhibit (the "Projects"); and

WHEREAS, the District Board of the Issuer (the "Board") has determined that those monies previously advanced no more than 60 days prior to the date hereof and to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Issuer for the Expenditures from the proceeds of one or more issues of tax-exempt bonds (the "Bonds");

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD AS FOLLOWS:

Section 1. The Board hereby declares the Issuer's intent to reimburse the Issuer with the proceeds of the Bonds for the Expenditures with respect to the Project made on and after June 15, 2018 which date is no more than 60 days prior to the date hereof. The Issuer reasonably expects on the date hereof that it will reimburse the Expenditures with the proceeds of the Bonds.

Section 2. Each Expenditure was and will be either (a) of a type properly chargeable to capital account under general federal income tax principles (determined in each case as of the date of the Expenditure), (b) a cost of issuance with respect to the Bonds, (c) a nonrecurring item that is not customarily payable from current revenues, or (d) a grant to a party that is not related to or an agent of the Issuer so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of the Issuer.

Section 3. The maximum principal amount of the Bonds expected to be issued for the Projects is \$12,733,000.

REIMBURSEMENT RESOLUTION

Section 4. The Issuer will make a reimbursement allocation, which is a written allocation by the Issuer that evidences the Issuer's use of proceeds of the Bonds to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Projects are placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. The Issuer recognizes that exceptions are available for certain "preliminary expenditures," costs of issuance, certain de minimis amounts, expenditures by "small issuers" (based on the year of issuance and not the year of expenditure) and expenditures for construction projects of at least five years.

Section 5. This resolution shall take effect immediately upon its passage.

PASSED AND ADOPTED this 15th day of August 2018

M. Jerry VeHaun, Chairman of the Board
Metropolitan Sewerage District of
Buncombe County, North Carolina

Attested to:

Jackie W. Bryson, Secretary/Treasurer
Metropolitan Sewerage District of
Buncombe County, North Carolina

Metropolitan Sewerage District of Buncombe County

Attachment to Reimbursement Resolution

August 15, 2018

Project	Project #	Estimated Expenditures on and after June 15, 2018
Hendersonville Rd. @ Rosscraggon. Ph. 2	2009150	\$ 344,000
South French Broad Int. - Grouting	2011033	1,073,000
Dry Ridge Road	2012009	324,000
Old Haw Creek Road @ Greenbriar Road	2012109	1,044,000
Old West Chapel Road	2014004	1,448,000
Caledonia Road	2014153	356,000
Plant Headworks Improvements	2015004	3,186,000
Hill Street	2015018	687,000
Plant High Rate Primary Treatment	2015054	3,510,000
Memory Lane	2016099	<u>761,000</u>
Total		<u>\$ 12,733,000</u>

Note: Amounts rounded to nearest thousand

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: August 15, 2018

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

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

Subject: Fourth 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. This information is based on cash revenues and invoices received prior to June 30, 2018 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 revenues are at budgeted expectations. Staff believes Domestic User Fee variance will end up around 103% when June accounts receivable data is received from its Member Agencies in September. Industrial Revenue trending better than budgeted expectations due to temporary increased revenue from one new industrial user. Staff monitors consumption trends as they have a direct effect on the District's current and future revenue projections.
- ◀ Facility and Tap Fees are budgeted conservatively. The unusually large variance as of the end of the year is due to receiving unanticipated revenue of \$1.9 million from five developments.
- ◀ Interest and miscellaneous income are above budgeted expectations. Actual short-term interest rates were better than anticipated for the fiscal year.
- ◀ Rental income reflects actual cash receipts.

Meeting Date: August 15, 2018

Subject: Fourth Quarter Budget to Actual Review – FY2018

Page 2

Discussion(continued)

- ◀ Actual and encumbered O&M expenditures are considered reasonable but may vary slightly once accruals and adjustments are made in connection to the final audit.

- ◀ Bond principal and interest are better than budgeted expectations due to the interest rate swap associated with Series 2008A revenue refunding bonds.

- ◀ Capital project expenditures are at approximately 93.4% of budget. This reflects the Plant Headworks project running a little behind schedule.

Staff Recommendation

None - Information Only.

<u>Action Taken</u>			
Motion by:	to	<input type="checkbox"/> Approve	<input type="checkbox"/> Disapprove
Second by:		<input type="checkbox"/> Table	<input type="checkbox"/> Send to Committee
Other:			
Follow-up required:			
Person responsible:		Deadline:	

Metropolitan Sewerage District
Budget to Actual Revenue and Expenditure Report
For the twelve months ended June 30, 2018
UNAUDITED--NON-GAAP

	Amended Budget	Actual to Date	% Budget to Actual
REVENUES			
Domestic User Fees ¹	\$ 31,169,273	\$ 31,708,242	101.73%
Industrial User Fees	3,347,294	4,143,871	123.80%
Facility Fees ²	2,000,000	4,752,961	237.65%
Tap Fees ³	175,000	604,047	345.17%
Billing and Collection	800,255	795,574	99.42%
Interest and Misc. Income	856,652	1,184,727	138.30%
Employee Contribution to Health Ins.	382,700	413,374	108.02%
City of Asheville (Enka Bonds)	37,000	34,522	93.30%
Proceeds from Revenue Bonds	28,000,000	28,003,632	100.01%
Rental Income	71,641	81,826	114.22%
Use of (Contributions to) Available Funds ⁴	<u>(11,220,447)</u>	<u>(20,070,324)</u>	<u>178.87%</u>
Total Revenues⁵	<u>\$ 55,619,368</u>	<u>\$ 51,652,453</u>	92.87%
EXPENDITURES			
Operations and Maintenance ⁶	\$ 16,637,136	\$ 15,838,031	95.20%
Bond Principal and Interest	9,790,466	9,445,191	96.47%
Capital Equipment (Other than O&M) ⁶	884,050	854,435	96.65%
Capital Projects ⁶	27,307,716	25,514,796	93.43%
Contingency	<u>1,000,000</u>	<u>-</u>	<u>0.00%</u>
Total Expenditures	<u>\$ 55,619,368</u>	<u>\$ 51,652,453</u>	92.87%

Notes:

- ① Revenues are accounted for on the cash basis method
- ② Increase due to unanticipated revenue from five (5) developments at \$1,892,500
- 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

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: August 15, 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 June 30, 2018

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 June 30, 2018 were \$78,816,810. The detailed listing of accounts is available upon request. The average rate of return for all investments is 1.172%. 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 June 30, 2018 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of June 30, 2018 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$16,196,855.

Total Cash & Investments as of 6/30/2018		78,816,810
Less:		
FY19 O&M Expenditures approved June 13, 2018	(16,993,063)	
FY19 Construction Expenditures approved June 13, 2018	<u>(23,492,718)</u>	
		(40,485,781)
Bond Restricted Funds		
Bond Service (Funds held by Trustee):		
Funds in Principal & Interest Account	(6,752,586)	
FY18 Principal & Interest Due	<u>(9,448,115)</u>	
		(16,200,701)
District Reserve Funds		
Fleet Replacement	(789,152)	
Pump Replacement	(189,901)	
WWTP Replacement	(296,883)	
Maintenance Reserve	<u>(975,522)</u>	
		(2,251,458)
District Insurance Funds		
General Liability	(383,991)	
Worker's Compensation	(333,075)	
Post-Retirement Benefit	(1,671,846)	
Self-Funded Employee Medical	<u>(1,293,103)</u>	
		<u>(3,682,015)</u>
Designated for Capital Outlay		\$ 16,196,855

Meeting Date: August 15, 2018

Subject: Cash Commitment/Investment Report-Month Ended June 30, 2018

Page 2

Staff Recommendation

None - Information Only.

Action Taken

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

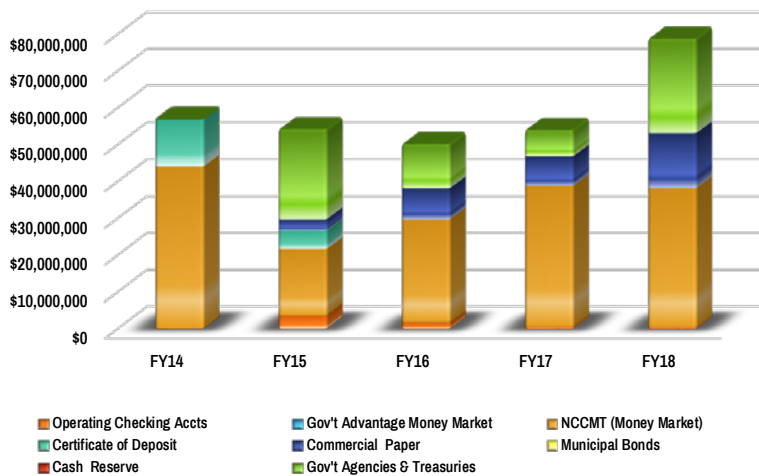
Metropolitan Sewerage District of Buncombe County Investment Portfolio

Meeting Date: August 15, 2018
 Subject: Cash Commitment/Investment Report-Month Ended June 30, 2018
 Page 3

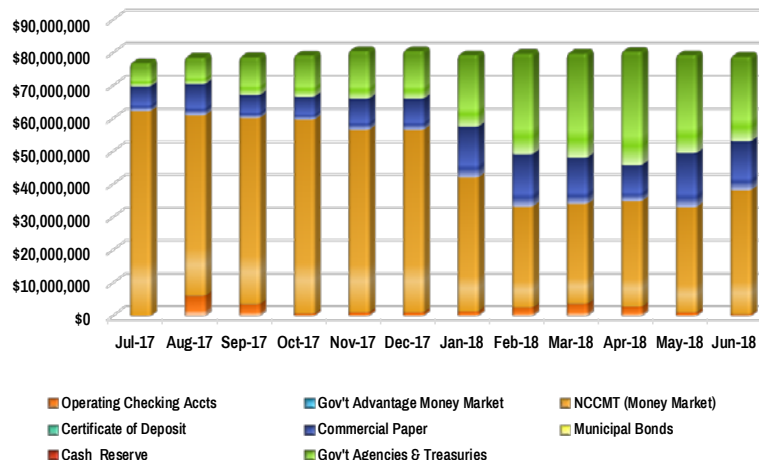
	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 7,823,357	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,823,357
Held by MSD	548,482	46,678	29,807,588	-	14,906,559	-	-	25,684,146	70,993,453
	\$ 548,482	\$ 46,678	\$ 37,630,945	\$ -	\$ 14,906,559	\$ -	\$ -	\$ 25,684,146	\$ 78,816,810

Investment Policy Asset Allocation	Maximum Percent	Actual Percent	
U.S. Government Treasuries, Agencies and Instrumentalities	100%	32.59%	No significant changes in the investment portfolio as to makeup or total amount.
Bankers' Acceptances	20%	0.00%	
Certificates of Deposit	100%	0.00%	
Commercial Paper	20%	18.91%	
Municipal Bonds	100%	0.00%	The District's YTM of 1.98% is exceeding the YTM benchmark of the NCCMT Government Portfolio.
North Carolina Capital Management Trust	100%	47.74%	
Checking Accounts:	100%		All funds invested in CD's, operating checking accounts, Gov't Advantage money market are fully collateralized with the State Treasurer.
Operating Checking Accounts		0.70%	
Gov't Advantage Money Market		0.06%	

**MSD of Buncombe County
Investment Portfolio - As of June 30, 2018**



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



Meeting Date: August 15, 2018

Subject: Cash Commitment/Investment Report-Month Ended June 30, 2018

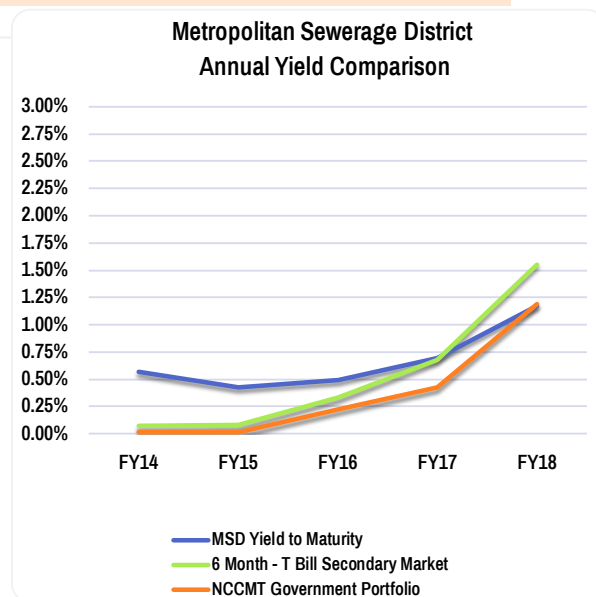
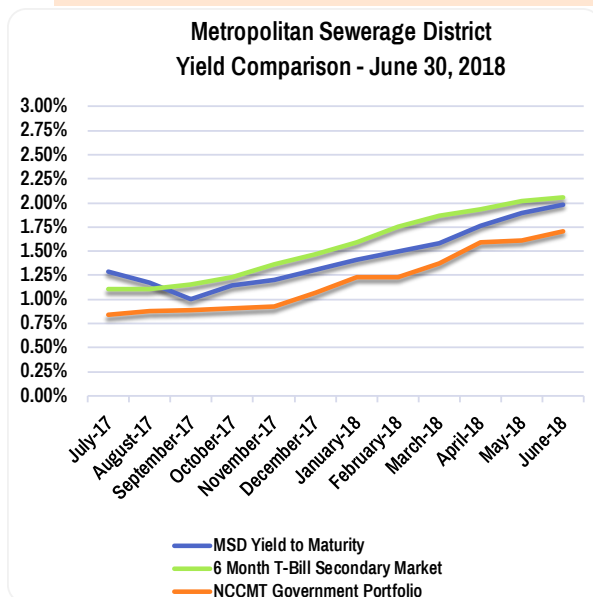
Page 4

**Metropolitan Sewerage District
INVESTMENT MANAGERS' REPORT
At June 30, 2018**

Summary of Asset Transactions			
	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 73,936,013	\$ 73,998,047	\$ 95,419
Capital Contributed (Withdrawn)	(6,016,253)	(6,016,253)	
Realized Income	85,494	85,494	(37,773)
Unrealized/Accrued Income		(62,789)	25,430
Ending Balance	<u>\$ 68,005,254</u>	<u>\$ 68,004,499</u>	<u>\$ 83,076</u>

Value and Income by Maturity		
	Original Cost	Income
Cash Equivalents <91 Days	\$ 42,270,140	\$ 6,441
Securities/CD's 91 to 365 Days	20,235,114	\$ 3,083
Securities/CD's > 1 Year	5,500,000	\$ 838
	<u>\$ 68,005,254</u>	<u>\$ 10,362</u>

Month End Portfolio Information	
Weighted Average Maturity	133
Yield to Maturity	1.98%
6 Month T-Bill Secondary Market	2.06%
NCCMT Government Portfolio	1.71%

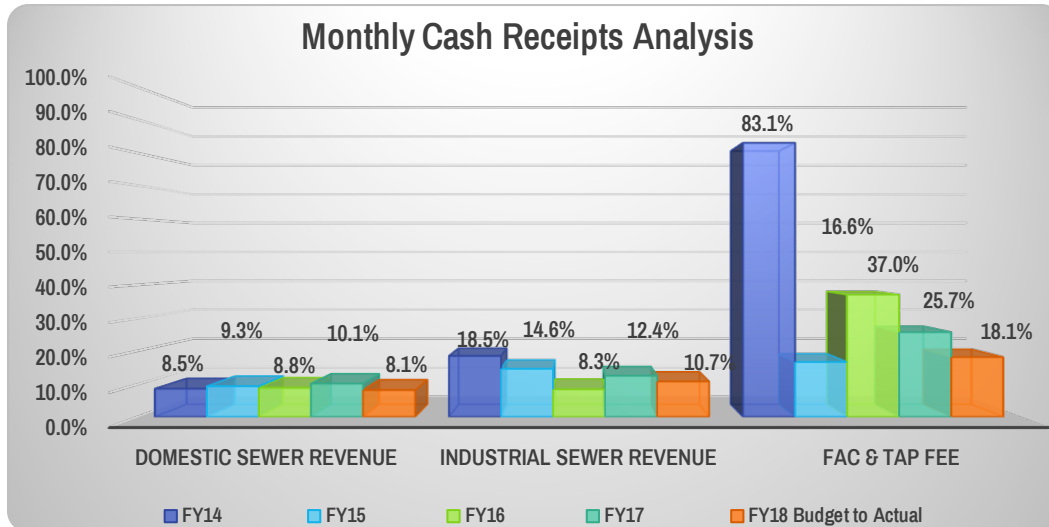


Meeting Date: August 15, 2018

Subject: Cash Commitment/Investment Report-Month Ended June 30, 2018

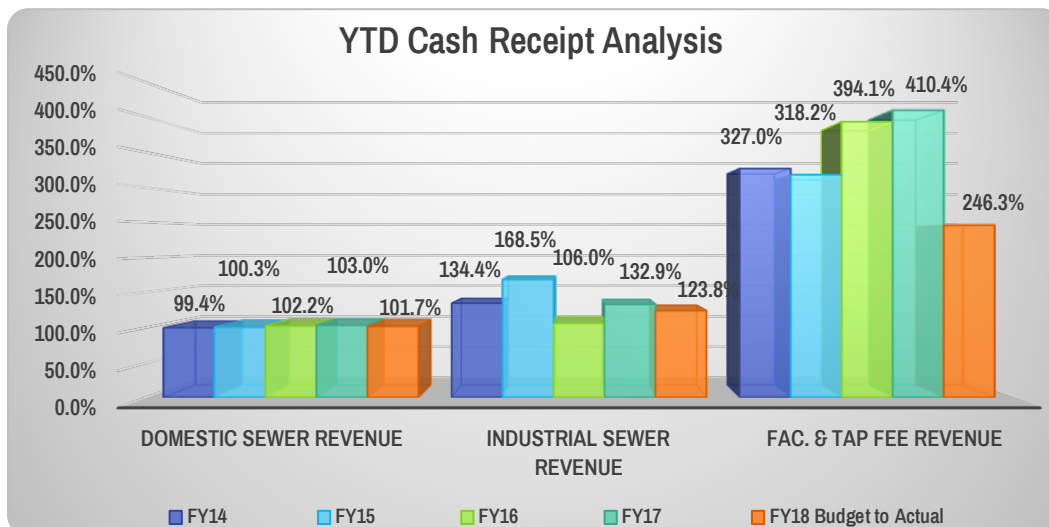
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Metropolitan Sewerage District
ANALYSIS OF CASH RECEIPTS
As of June 30, 2018



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:

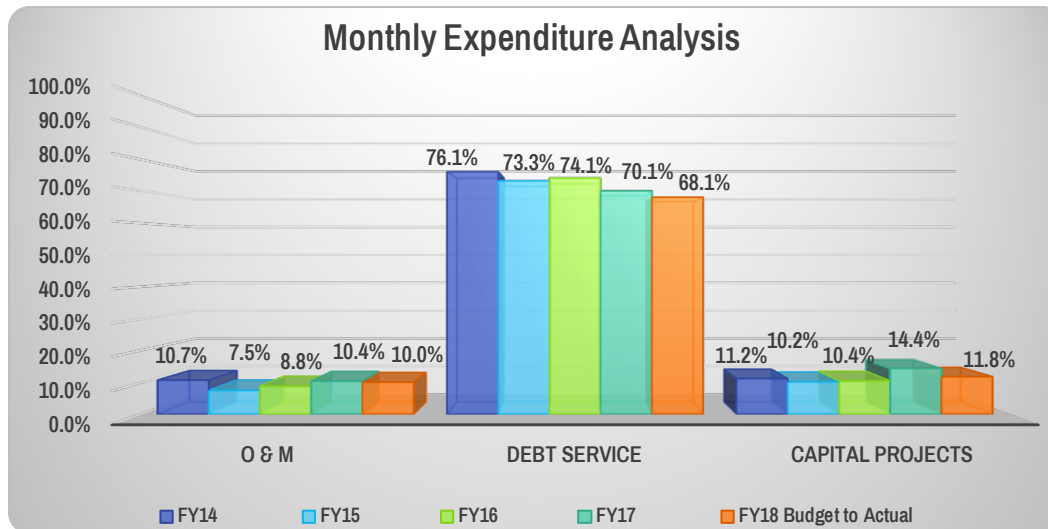
- YTD domestic sewer revenue is considered reasonable based on historical trends.
- YTD industrial sewer revenue is reasonable based on historical trends.
- Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

Meeting Date: August 15, 2018

Subject: Cash Commitment/Investment Report-Month Ended June 30, 2018

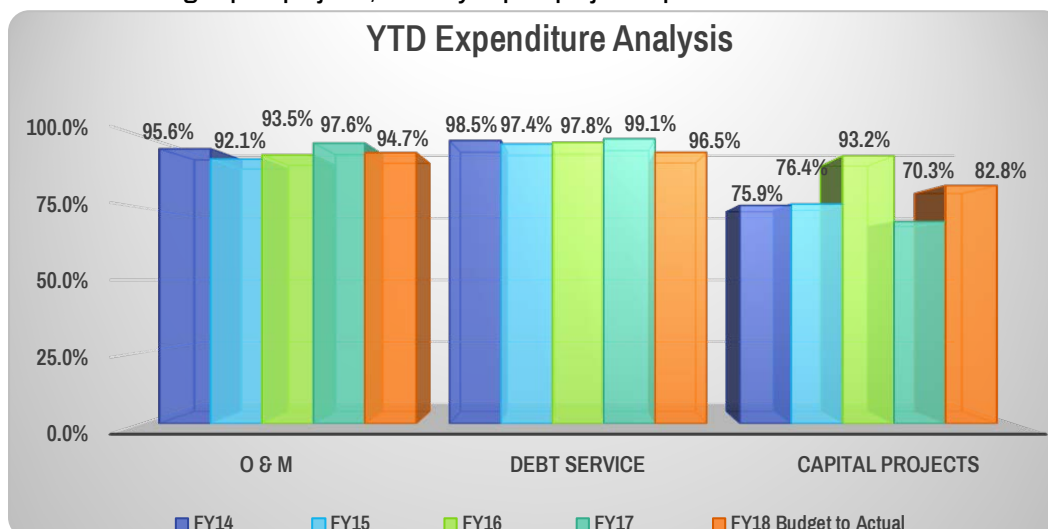
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Metropolitan Sewerage District
ANALYSIS OF EXPENDITURES
As of June 30, 2018



Monthly Expenditure Analysis:

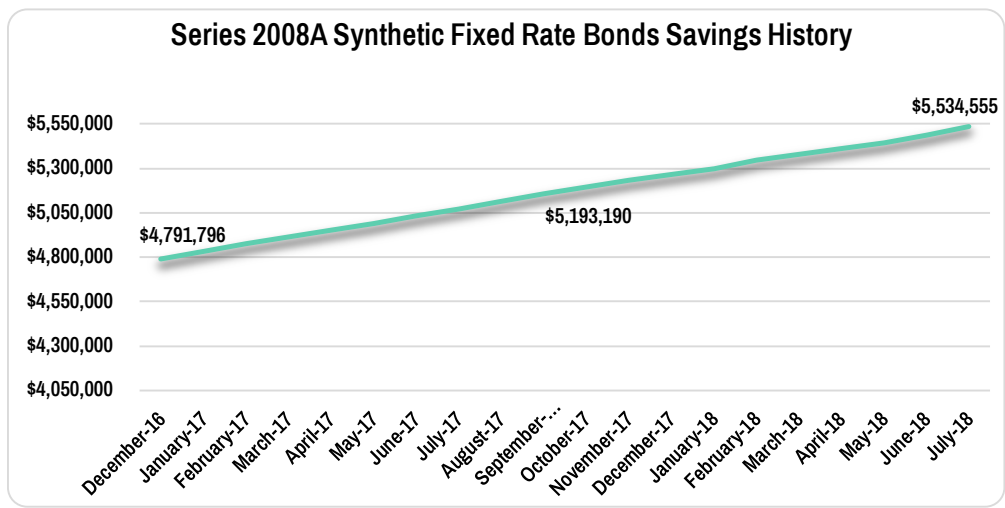
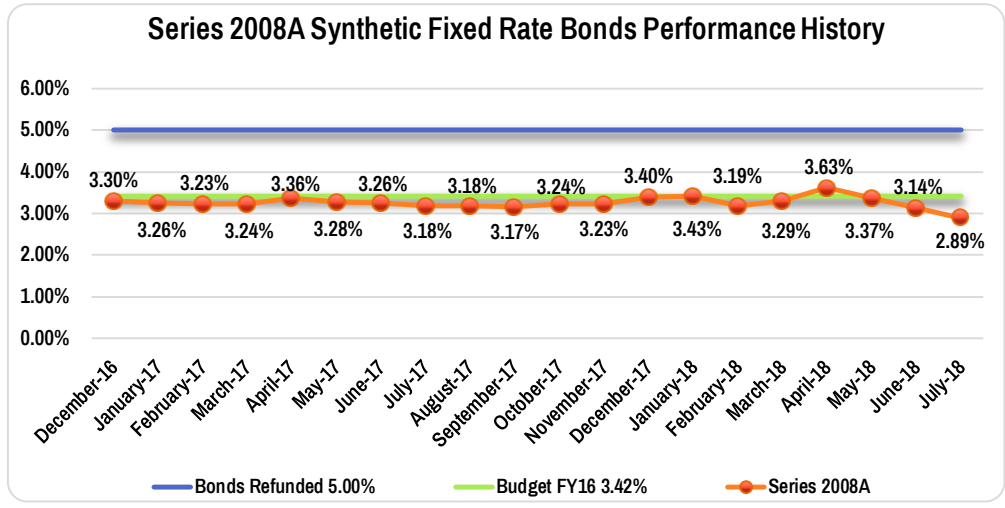
- ▶ Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- ▶ Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures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

**Metropolitan Sewerage District
 VARIABLE DEBT SERVICE REPORT
 As of July 31, 2018**



Series 2008A:

- * Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$5,534,555 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 \$2,441,775 to terminate the existing Bank of America Swap Agreement.

STATUS REPORTS

MSD System Services In-House Construction

FY 18-19

PROJECT NAME	LOCATION	ZIP CODE	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	NOTES
Emergency Weaverville #2 FM Repair	Woodfin	28804	60	7/10/2018	254177	631	7/10/2018	61	Complete
West Skyland Circle Sewer Rehabilitation	Woodfin	28804	520	6/18/18 - 7/20/18	246546	631	7/11/2018	515	Complete
Waynesville Avenue Sewer Rehab Ph. 2	Asheville	28806	400	6/15/18 - 7/15/18	253710	674	7/16/2018	372	Complete
Williamette Circle Sanitary Sewer Rehabilitation	Weaverville	28787	183	7/12/18 - 7/18/18	233748	631	7/18/2018	185	Complete
56 Fairway Drive Sewer Rehabilitation	Asheville	28805	451	7/17/18 - 8/31/18	240884	674			Construction 40% complete
Livingston Street at Erskine Sewer Rehabilitation	Asheville	28801	710	7/19/18 - 8/31/18	247502	631			Construction 30% complete
105 Midland Ave Sewer Rehabilitation	Black Mountain	28711	810	FY 18-19	242836	631			Ready for Construction
500 Laurel Avenue Sewer Rehabilitation	Black Mountain	28711	230	FY 18-19	247281	631			Ready for construction
Myrtle Street Sewer Rehabilitation	Arden	28704	410	FY 18-19	251129	674			Ready for Construction
110 Beaver Drive	Woodfin	28804	425	FY 18-19	210211	TBA			ready for construction
Saint Johns Street Force Main Replacement	Arden	28704	1040	FY 18-19	238516	TBA			Ready for Construction
Laurel Road Phase 2B	Arden	28704	1078	FY 18-19	250366	631			Ready for construction
Vandalia Ave Sewer Rehabilitation	Asheville	28806	1325	FY 18-19	248041	TBA			Ready for Construction
77 Dellwood Street Sewer Rehabilitation	Asheville	28804	200	FY 18-19	237568	TBA			Ready for Construction
905 Patton Avenue	Asheville	28806	187	FY 18-19	220384	TBA			Ready for construction
26 Wilshire Drive Sewer Rehabilitation	West Asheville	28806	1478	FY 18-19	235158	TBA			in ROW
Bell Rd at New Haw Creek Rd Sewer Rehabilitation	Asheville	28805	725	FY 18-19	248044	TBA			Permitting
149 State Street Sewer Rehabilitation	Asheville	28806	265	FY 18-19	237791	TBA			In Design
106 Seventh St Sewer Rehabilitation	Black Mountain	28711	200	FY 18-19	225198	TBA			In design
Waynensville Avenue at Brownwood	Asheville	28806	370	FY 18-19	247283	TBA			In Design
350 Old Haw Creek Road Sewer Rehabilitation	Asheville	28805	1537	FY 18-19	47802	TBA			In Design
12 Mayflower Drive Sewer Rehabilitation	Asheville	28804	350	FY 18-19	247347	TBA			In Desin
15 New Jersey Sewer Rehabilitation	Asheville	28806	250	FY 18-19	238782	TBA			In Design
44 Dogwood Grove Sewer Rehabilitation	Asheville	28805	525	FY 18-19	248033	TBA			In survey
Beardon Ave at Cumberland Ave	Asheville	28801	425	FY 18-19	247286	TBA			Preliminary Engineering
Fishermans Trail at Hendersonville Rd	Arden	28704	810	FY 18-19	247458	TBA			Preliminary Engineering
Barnard Avenue at Lookout Sewer Rehabilitation	Asheville	28804	200	FY 18-19	236089	TBA			Preliminary Engineering
55 Congress Street Sewer Rehabilitation	Asheville	28801	823	FY 18-19	247631	TBA			Preliminary Engineering
72 Mimosa Dr Sewer Rehabilitation	Asheville	28804	440	FY 18-19	207261	TBA			Preliminary Engineering
Lees Creek Rd @ Erwin Hills Rd Sewer Rehabilitation	Woodfin	28806	130	FY 18-19	247904	TBA			Preliminary Engineering
East Grovestone Quarry Sewer Rehabilitation	Black Mountain	28711	780	FY 18-19	213459	TBA			Preliminary Engineering
Haywood Rd at Swananoa Ave Sewer Rehabilitation	Asheville	28805	1100	FY 18-19	248197	TBA			Preliminary Engineering



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2017 to 6/30/2018

	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	22	9	120	879	31	26	10	0	432	8	6	1,697	2137
January 2018	36	11	131	859	21	19	541	0	194	992	7	0	1186
February 2018	33	17	400	1,033	17	35	240	0	70	402	8	323	795
March 2018	36	14	75	1,017	26	29	600	0	16	2418	14	622	3056
April 2018	28	13	67	1,064	27	30	1,748	0	247	1404	11	286	1937
May 2018	28	10	75	849	29	30	0	208	414	133	3	860	1615
June 2018	26	11	700	1,157	34	34	11,030	0	0	1714	7	967	2681
Grand Totals	387	121	2,552	11,861	323	351	42,238	522	1759	10123	104	7,747	20151

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2017 to June 30, 2018

	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
2018							
January	54,306	2,847	5,488	59,794	26,202	1,100	15,660
February	65,931	2,730	7,335	73,266	28,138	500	6,068
March	77,539	3,991	1,735	79,274	23,245	500	0
April	84,036	1,637	5,685	89,721	24,904	2,300	0
May	95,785	2,273	728	96,513	26,591	200	8,795
June	83,534	1,232	4,852	88,386	24,731	1,300	9,849
Grand Total:	1,052,024	24,270	72,196	1,124,220	295,754	35,510	107,946
Avg Per Month:	87,669	2,023	6,016	93,685	24,646	2,959	8,996



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
	January, 2018	137	26	30
	February, 2018	132	22	41
	March, 2018	125	28	41
	April, 2018	119	28	37
	May, 2018	127	25	32
	June, 2018	118	26	30
		1,364	27	36
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
	January, 2018	30	26	26
	February, 2018	28	32	39
	March, 2018	19	22	23
	April, 2018	21	17	20
	May, 2018	29	21	29
	June, 2018	27	23	28
		253	22	30
ON-CALL CREW *				
	July, 2017	41	47	31
	August, 2017	31	41	57

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



CUSTOMER SERVICE REQUESTS Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
ON-CALL CREW *				
	September, 2017	29	36	45
	October, 2017	48	51	35
	November, 2017	45	43	39
	December, 2017	70	50	37
	January, 2018	55	48	32
	February, 2018	53	47	43
	March, 2018	55	56	53
	April, 2018	38	38	37
	May, 2018	46	44	39
	June, 2018	32	45	47
		543	46	41
Grand Totals:		2,160	31	36

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

***Right of Way Section
4th 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	\$48,405	\$48,405	Access 88% complete with 100% of Total Budget expended to date. One condemnation filed with judgment pending. Built in-house by SS.
Christian Creek Interceptor	\$100,477		Intro letters out 6/4/18.
Fairway Drive SSR	\$27,257	\$18,047	Project 100% complete with 66% of Total Budget expended and no condemnations. To be constructed in-house by SS.
Long Shoals Road @ Allen Avenue GSR	\$25,300	\$7,528	Access 67% complete with 30% of Total Budget expended to date.
Montford Park Sewer Replacement			Project 100% complete. No compensation paid to municipalities. Built in-house by SS.
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	\$39,910	Access 95% complete with 65% of Total Budget expended to date.
Old West Chapel Road GSR	\$57,048	\$30,540	Access 85% complete with 54% of Total Budget expended to date.
Thurland Avenue Sewer Extension	\$14,762	\$6,944	Project 100% complete with 47% of Total Budget expended and no condemnations.

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

August 8, 2018

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
ELKWOOD AVENUE	Woodfin	Thomas Construction Company	9/20/2017	11/6/2017	9/1/2018	\$1,215,002.00	75%	Construction has begun on the upper most section of the project.
HILL STREET	Asheville 28801	Terry Brothers Construction Company	7/18/2018	8/1/2018	11/28/2018	\$649,029.00	0%	Work has begun.
HENDERSONVILLE ROAD @ ROSSCRAGGON DRIVE, PHASE 2	Arden	Terry Brothers Construction Company	1/17/2018	4/16/2018	9/13/2018	\$1,258,010.80	95%	Pipe installation is complete. Working on restoration at Old Dominion Freight Company.
JONESTOWN ROAD	Woodfin	Terry Brothers Construction Company	1/17/2018	2/12/2018	8/1/2018	\$725,002.10	100%	Project is complete and in close out.
MEMORY LANE	Asheville 28805	Terry Brothers Construction Company	6/13/2018	TBD	TBD	\$626,774.80	0%	Contractor will start construction after Hill Street is nearing completion.
MOUNTAIN VIEW ROAD	Asheville 28805	Thomas Construction Company	2/21/2018	4/2/2018	8/31/2018	\$490,112.00	95%	All pipe installation is complete. Waiting for final asphalt overlay.
PATTON HILL ROAD (4-INCH MAIN)	Swannanoa	Fuller & Company Construction	4/18/2018	5/29/2018	9/25/2018	\$227,415.11	0%	No work has started yet.
SCHOOL ROAD @ CRANFORD ROAD	Asheville 28806	Fuller & Company Construction	4/18/2018	5/29/2018	9/25/2018	\$116,949.44	80%	Cconcrete sidewalk, curb & paving restoration in process.
SHEPPARD DRIVE	Asheville 28806	Fuller & Company Construction	4/18/2018	5/29/2018	9/25/2018	\$156,251.79	20%	Pipebursting is done, starting dig and replace work.
SUTTON AVENUE	Black Mountain	Terry Brothers Construction Company	11/15/2017	1/15/2018	8/17/2018	\$1,083,072.68	98%	Final restoration and inspection in process.
WRF - PLANT HEADWORKS IMPROVEMENTS	Woodfin	Judy Construction Company	1/18/2017	4/3/2017	2/25/2019	\$9,249,442.97	68%	Main concrete stucture of the Pista and Fine Grit Facility complete. Piping for surge pump station 95% complete. South bar screen complete. Yard piping 80% complete. Electrical main gear was released for manufacture.

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

Planning & Development Project Status Report

Active Construction Projects Sorted by Work Location and Project Number

August 2, 2018

#	Project Name	Project Number	Work Location	Zip Code	Units	LF	Pre-Construction Conference Date	Comments
1	Dillingham Woods	2014048	Asheville	28805	22	375	3/4/2015	Testing
2	First Baptist Relocation	2015032	Asheville	28801	Comm.	333	7/21/2015	Final Inspection complete, awaiting close-out docs
3	8 Sulphur Springs Road	2015116	Asheville	28806	6	80	11/22/2016	Final Inspection complete, awaiting close-out docs
4	Hampton Inn & Suites	2015144	Asheville	28806	Comm.	286	11/8/2016	Waiting on final inspection
5	Atkins Street	2016009	Asheville	28803	45	903	1/20/2017	Final Inspection complete, awaiting close-out docs
6	Hounds Ear (Mears Ave Cottages)	2016123	Asheville	28806	18	402	8/18/2017	Pre-con held, construction not yet started
7	Lausch Subdivision	2016153	Asheville	28805	4	248	5/16/2017	Waiting on final inspection
8	The Peaks Shopping Center	2016175	Asheville	28805	4	850	5/11/2018	Installing
9	Hawthorne at Mills Gap	2016222	Asheville	28803	272	442	10/3/2017	Waiting on final inspection
10	Ashecroft	2016229	Asheville	28806	40	2,450	2/20/2018	Installing
11	Grindstaff Subdivision	2016246	Asheville	28805	4	132	6/23/2017	Final Inspection complete, awaiting close-out docs
12	Onteora	2017002	Asheville	28803	6	417	7/18/2017	Waiting on final inspection
13	Gerber Road Storage	2017049	Asheville	28803	Comm.	156	2/9/2018	Waiting on final inspection
14	RADTIP	2017052	Asheville	28801	0	919	2/13/2018	Installing
15	Panda Express	2017080	Asheville	28805	Comm.	100	9/8/2017	Waiting on final inspection
16	Rock Hill Road	2017096	Asheville	28803	15	990	7/24/2018	Pre-con held, construction not yet started
17	605 Fairview Road	2017103	Asheville	28803	10	380	5/18/2018	Installing
18	Beachum's Curve	2017105	Asheville	28806	34	908	7/17/2018	Pre-con held, construction not yet started
19	42 Old County Home Road	2017109	Asheville	28805	5	198	3/29/2018	Pre-con held, construction not yet started
20	Villa Heights	2017118	Asheville	28806	8	540	2/20/2018	Pre-con held, construction not yet started
21	Westover Hills	2017177	Asheville	28801	1	105	10/6/2017	Final Inspection complete, awaiting close-out docs
22	US 74 Commercial Development	2018010	Asheville	28803	4	265	5/25/2018	Pre-con held, construction not yet started
23	Sunrise Drive Homes	2018046	Asheville	28806	5	220	7/20/2018	Installing
24	Alice Place Subdivision	2018066	Asheville	28803	19	480	6/19/2018	Pre-con held, construction not yet started
25	Ingles Smokey Park Highway	2018074	Asheville	28806	1	1,289	4/11/2014	Installing
26	West Keesler Avenue	2007176	Black Mountain	28711	6	410	11/15/2016	Final Inspection complete, awaiting close-out docs
27	808 Montreat Road	2015126	Black Mountain	28711	4	371	4/18/2017	Final Inspection complete, awaiting close-out docs
28	Tudor Croft (aka Roberts Farm) Ph.2	2016170	Black Mountain	28711	46	1,320	1/3/2017	Phase 2A inspected, waiting on closeout docs
29	Swannanoa Valley Christian Min.	2017043	Black Mountain	28711	12	195	8/1/2017	Final Inspection complete, awaiting close-out docs
30	Cherokee Trail	2017065	Black Mountain	28711	4	90	8/18/2017	Final Inspection complete, awaiting close-out docs
31	Peregrine's Ridge	2006160	Buncombe Co.	28730	14	635	11/8/2016	Final Inspection complete, awaiting close-out docs
32	Hyde Park Phase 2	2013058	Buncombe Co.	28704	14	500	12/3/2013	Waiting on final inspection
33	Creekside Cottages	2014095	Buncombe Co.	28704	7	504	3/12/2015	Waiting on final inspection
34	Avondale Subdivision	2015052	Buncombe Co.	28803	4	215	4/7/2017	Final Inspection complete, awaiting close-out docs
35	Bee Tree Village	2015158	Buncombe Co.	28778	26	1,118	3/17/2017	Waiting on final inspection
36	Skyland Exchange	2015217	Buncombe Co.	28704	292	1,090	2/7/2017	Waiting on final inspection
37	Sunbridge Pkwy Apts. Phase II	2016013	Buncombe Co.	28804	154	1,368	10/27/2017	Waiting on testing
38	Weatherwood Subdivision	2016034	Buncombe Co.	28704	19	785	7/21/2017	Final Inspection complete, awaiting close-out docs
39	Long Shoals Apts.	2016070	Buncombe Co.	28704	475	930	7/10/2017	Waiting on final inspection
40	Perry Lane Apartments	2016075	Buncombe Co.	28704	120	710	11/7/2017	Waiting on final inspection
41	The Preserve at Avery's Creek	2016089	Buncombe Co.	28704	141	4,000	6/16/2017	Testing
42	NCDOT I-5504 NC 191/I-26 Interchange	2016132	Buncombe Co.	28806	0	355	10/23/2017	Installing
43	New Salem Heights	2016192	Buncombe Co.	28778	25	816	2/13/2018	Waiting on final inspection
44	The Ramble Block F, Phase 1	2017038	Buncombe Co.	28803	34	3,845	11/3/2017	Waiting on final inspection
45	Curry Court - Habitat	2017086	Buncombe Co.	28715	12	557	4/13/2018	Waiting on final inspection
46	240 Old Farm School Road	2017112	Buncombe Co.	28805	4	340	2/9/2018	Punchlist pending, awaiting closeout documents
47	Baldwin Road Subdivision	2017138	Buncombe Co.	28704	68	1,740	3/28/2018	Waiting on final inspection
48	Rosscraggon Road Subdivision	2018048	Buncombe Co.	28704	4	370	4/20/2018	Installing
49	Greenwood Park Phase 1	2014067	Weaverville	28787	7	283	9/1/2015	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	Starview Heights	2016184	Weaverville	28787	16	Private	1/12/2018	Testing
52	Wheeler Road	2017019	Weaverville	28787	72	1,535	3/28/2018	Waiting on final inspection
53	Lake Louise	2017104	Weaverville	28787	4	80	12/15/2017	Final Inspection complete, awaiting close-out docs
54	44 Central Ave	2017107	Weaverville	28787	7	275	10/27/2017	Final Inspection complete, awaiting close-out docs
55	Lakeshore Drive	2017137	Weaverville	28787	4	70	10/27/2017	Final Inspection complete, awaiting close-out docs
56	Maple Trace Phase 2	2017160	Weaverville	28787	37	2,560	3/27/2018	Waiting on final inspection
57	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Punchlist pending, awaiting closeout documents
58	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Final Inspection complete, awaiting close-out docs
59	Ventana Phase 2A	2016059	Woodfin	28806	8	900	2/17/2017	Final Inspection complete, awaiting close-out docs
60	Olivette Development-Phase I Gravity	2016065	Woodfin	28804	356	1,155	3/29/2018	Installing
61	Skyfin	2016205	Woodfin	28806	40	978	8/8/2017	Waiting on final inspection
62	Olivette Pump Station/Force Main	2016213	Woodfin	28804	356	1,740	2/27/2018	Pump station not started, Pilot bore under river
63	Ricky Robinson Property	2017088	Woodfin	28804	1	385	7/31/2018	Pre-con held, construction not yet started
64	88 North Merrimon Avenue	2017196	Woodfin	28804	Comm.	455	5/11/2018	Installing
65	Greenwood Fields Phase 2	2018006	Woodfin	28804	158	2,200	3/9/2018	Waiting on final inspection
TOTAL					3,189	51,430		