

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
June 12, 2019

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board and Public Hearing on the Budget for FY 2019-2020 was held in the Boardroom of MSD's Administration building at 2:00 pm Wednesday, June 12, 2019. Vice-Chairman Kelly presided with the following members present: Ashley, Bryson, Manheimer, Pelly, Pennington, Pressley, Valois, Watts, Whitesides and Wisler. VeHaun was absent.

Others present were: William Clarke, General Counsel; Forest Westall with McGill Associates; Marcus Jones with Cane Creek Water & Sewer District; Joseph Martin with Woodfin Sanitary Water & Sewer District; Ed Bradford, Ken Stines, Jim Hemphill, Scott Powell, Peter Weed, Hunter Carson, Mike Stamey, Julie Willingham, Matthew Walter, Spencer Nay and Pam Nolan, MSD.

Mr. Kelly reported that Nathan Pennington has been appointed to the MSD Board to represent Buncombe County effective at this meeting. He presented Mr. Pennington with a manhole hook and welcomed him to the Board.

2. Inquiry as to Conflict of Interest:

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

3. Approval of Minutes of the May 15, 2019 Board Meeting:

Mr. Kelly asked if there were any changes to the Minutes of the May 15, 2019 Board Meeting. Mr. Watts moved for approval of the minutes as presented. Mr. Whitesides 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. Kelly welcomed Mr. Jones and Mr. Martin. There was no public comment.

Mr. Kelly reported that Mr. Bradford is filling in for Mr. Hartye in his absence and turned the meeting over to him.

6. Report of General Manager:

On behalf of Staff, Mr. Bradford welcomed Mr. Pennington to MSD.

Mr. Bradford reported that attached is a letter from Harry J. Petrequin of Rhododendron Avenue in Black Mountain, commending Eric Bryant for his prompt and thorough performance.

Mr. Bradford thanked all the MSD employees who took part in the annual river clean-up on May 24th. It was both very hot and very successful. Special thanks to Sandra Moore who headed up the effort.

Mr. Bradford reported that the Final Budget and a Public Hearing will be held today at this meeting. There have been no changes to the Preliminary Budget that was brought to the May Board Meeting.

Mr. Bradford reported that the next regular Board Meeting will be held on July 17th at 2 pm. The June Right of Way Committee Meeting has been cancelled. The next Right of Way Committee Meeting will be held on July 24th at 9 am.

7. Report of Committees:

a. Right of Way Committee – May 22, 2019

Mr. Kelly reported that the Right of Way Committee met on May 22, 2019 and made recommendations, all of which are routine and included in this Board package. There were no questions.

8. Consolidated Motion Agenda:

a. Consideration of RFP's – Jarnaul Avenue GSR:

Mr. Bradford reported that this project is located in the Newbridge area of Asheville, around Beaver Lake. MSD will replace about 4,600 LF of 6-inch clay lines. The project is not huge but very congested with 38 properties to cross. Requests for easement acquisition services were sent to three utility services consultants and two responded. TELICS has the lowest proposal with a not to exceed cost of \$85,500.00 for 38 parcels. TELICS has previously acquired projects for MSD and their work has been excellent. Committee recommendation is to accept Staff's recommendation of award of this contract to TELICS in the not to exceed cost of \$85,500.00 for 38 parcels and a per parcel cost of \$2,250.00 for additional parcels over 38, subject to review and approval by District Counsel.

b. Consideration of Compensation Budget – Jarnaul Avenue GSR:

Mr. Bradford reported that the Compensation Budget is based on current ad valorem tax values and follows the MSD approved formula. Committee recommendation is to approve Compensation Budget.

c. Consideration of Developer Constructed Sewer Systems: Dillingham Woods Sewer Extension; Weatherwood Subdivision Sewer Extension:

Mr. Bradford reported that the Dillingham Woods Sewer Extension is located off Dillingham Road in the City of Asheville and included extending approximately 970 linear feet of 8-inch public gravity sewer to serve the 22-unit townhome development.

Mr. Bradford reported that the Weatherwood Subdivision project is located off Clayton Road in Buncombe County, behind Biltmore Baptist Church. The project included extending approximately 678 linear feet of 8-inch public gravity sewer to serve the 19-unit single family residential development.

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

d. Consideration of MSD Paving Agreement with the City of Asheville:

Mr. Bradford reported that this item is brought to the Board each year and is for small asphalt and concrete patching operations, 300 SF or less, within the City Limits of Asheville. This restoration is a result of District in-house maintenance and rehabilitation activities on the public sewer system. Larger projects and resurfacing in the City are bid on a per project basis, this is only for smaller repairs. This is an annually renewing agreement and was originally approved by the MSD Board on June 12, 2013. For FY20, the District's monetary contribution for this agreement is \$400,114.00. This is based on usage over the past 3 years and is a reduction from the current FY19 amount of \$440,000.00. The FY20 budget estimate for this item is \$400,114.00. Funding is provided in the FY20 System Services CIP Construction budget. This item is provided for information only, no action is required.

e. Consideration of Non-City of Asheville Road ROW Paving Restoration Contract:

Mr. Bradford reported that this annual contract is for the restoration of roads, driveways and sidewalks resulting from District maintenance activities for areas outside of City limits. These activities are both planned (new connections or small repairs) and unplanned emergency repairs. This is similar to the contract in Item d. in many ways except that it is for outside of City Limits of Asheville. The contract was advertised and awarded to French Broad Paving Inc. at the June 13, 2018 Board meeting in the amount of \$418,217.50, with an option to renew. French Broad Paving Inc. has performed well and they have agreed to hold all contract terms the same for FY20, including pricing. The FY20 System Services CIP Construction budget includes appropriate funding for this item. This item is provided for information only, no action is required.

f. Renewal of Contract FY20 - Calcium Nitrate Solution for Odor & Sulfide Control:

Mr. Bradford reported that MSD has been using a calcium nitrate solution to control hydrogen sulfide formation in the South French Broad Interceptor. Hydrogen sulfide is converted into sulfuric acid by bacteria that are naturally present in the system which causes deterioration to pipes and concrete over time. The contract was advertised last year and awarded to Evoqua at the June 13, 2018 Board meeting for \$1.99/gallon with an option to renew. Evoqua has been a supplier of calcium nitrate solution to MSD in previous years, including this current fiscal year. Staff is comfortable with both the quality of the chemicals and customer service provided by Evoqua. Evoqua has agreed to hold all contract terms the same for FY20, including pricing, so Staff intends to renew this contract. This is a Unit Price Contract. Based on an estimated use of 90,000 gallons at \$1.99/gallon, the annual expenditure is anticipated to be \$179,100.00 and is within levels budgeted by the WRF. This item is provided for information only, no action is required.

g. Consideration of Bids – Sodium Hypochlorite Contract FY20:

Mr. Bradford reported that the treatment plant is required to disinfect effluent prior to discharge to the French Broad River. Liquid sodium hypochlorite is used for this purpose, which is basically the same as household bleach, just much stronger. Current contracted cost for Sodium Hypochlorite is \$0.66/gallon. Bids were emailed to four vendors and an advertisement placed on the MSD web site in April 2019. Three bids were received and the bid opening was held on May 16, 2019. One bid was rejected due to not meeting specifications. Oltrin was the lowest bidder at \$0.74/gallon. They have been a supplier of Sodium Hypochlorite to MSD in previous years and MSD feels comfortable with both the quality of chemicals and customer service. Oltrin will hold this price for one year regardless of market fluctuations. This is a unit price contract and based on historical use, FY20 expenditures for Sodium Hypochlorite are anticipated to be \$148,000.00, which is within the levels budgeted by the WRF. Staff recommends that the Board award the contract for the supply of Sodium Hypochlorite to Oltrin at a unit price of \$0.74 per gallon.

h. Amendment to Standby Bond Purchase Agreement:

Mr. Bradford reported that the District has Series 2008A revenue refunding bonds. This is a variable rate debt series and requires a standby bond purchase agreement. He then turned the meeting over to Mr. Powell.

Mr. Powell reported that because the District has 2008A Series revenue refunding bonds with variable rate debt, the District has to have a Standby Bond Purchase Agreement. A Standby Purchase Agreement is an agreement with a third party, typically a bank, in which the bank agrees to purchase our variable rate debt tendered for purchase in the event the bonds cannot be remarketed. Staff engaged First Tryon Advisors to investigate the SBPA market and look at rate and terms. First Tryon Advisors was able to negotiate the current

agreement down from .40% to a .36% rate and an extension to July 2022 with its current provider, Wells Fargo NA. The District will spend approximately \$5,000.00 in advisory fees and \$3,500.00 in legal fees but will save approximately \$35,000.00 over the life of the agreement.

i. Cash Commitment Investment Report – Month ended April, 2019:

Mr. Powell reported that Page 37 presents the makeup of the District's Investment Portfolio. There has been no change in the makeup of the portfolio from the prior month. Page 38 presents the MSD investment managers report for the month of April. The weighted average maturity of the investment portfolio is 140 days. The yield to maturity is 2.48%. Page 39 presents the District's analysis of cash receipts. Monthly and YTD Domestic and Industrial sewer revenue are considered reasonable based on timing of cash receipts in their respective fiscal periods. YTD Industrial sewer revenue is above historical trends due to a temporary increase in revenue from one industrial user. YTD facility and tap fees are above historical trends due to the timing of 4 cash receipts from developers as well as these fees being budgeted conservatively. Page 40 presents the District's analysis of expenditures. Monthly and YTD O&M expenditures are considered reasonable based on historical trends. Due to the nature of the variable rate bond market, monthly and YTD expenditures can vary year to year. Based on the current variable interest rates, debt service expenditures are considered reasonable. Due to the nature and timing of capital projects, YTD expenditures can vary year to year. Based on the current outstanding capital projects, YTD capital project expenditures are considered reasonable. Page 41 presents MSD's Variable Debt Service report. The 2008A Series refunding bonds are performing at budgeted expectations. As of the end of May, the issue has saved the District rate payers approximately \$5.9 million in debt service since April, 2008.

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

9. Public Hearing: Consideration of Resolution Adopting the Final Budget for FY 19-20 and Schedule of Sewer Rates and Fees:

MINUTES OF PUBLIC HEARING

Mr. Kelly announced the opening of the Public Hearing at 2:20 pm.

Mr. Powell reported that the numbers included in the Proposed Budget are the same as in the Proposed Final Budget. Page 47 presents the Flow of Funds Chart which is a graphical representation of the Budget Resolution. The Proposed Final Budget for FY20 is \$57,702,846.00 and incorporates the following:

- 2.5% domestic rate increase.
- \$0.81 increase in the average single-family monthly bill.

- The average monthly bill will go from \$31.36 to \$32.17.
- Continuation of the Industrial Rate Parity Plan.
 - MSD is in year 20 of 20.
 - 4.0% average increase for the industrial section
- No change in Sewer System Development Fees and Sewer Connection Fees in accordance with staff recommendation.
- 2.25% rate of return on investments.
- 3.75% increase in Salaries and Benefits which has an approximate impact of \$516,386.00. Includes Personnel Committee recommendations as to Salary Adjustments, Self-Insurance Funding and GASB 75 OPEB Funding as well as State required Retirement contribution and unemployment funding.
- 1.90% increase in Materials supplies and service which has an impact of \$124,536.00.
- This year's construction budget is slated to be \$29.9 Million.

Mr. Powell reported that the final item included is the Schedule of Rates and Fees. He then asked if there were any questions. There were none.

Mr. Kelly called for public comment on the proposed Budget, Rates and Fees for FY 2019-2020. There were none. Mr. Kelly then closed the public hearing at 2:22 pm.

With no discussion, Mr. Kelly called for a motion to approve the Resolution adopting the Final Budget for FY 2019-2020 and Schedule of Sewer Rates and Fees. Mr. Watts moved. Mr. Pelly seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

9. Old Business:

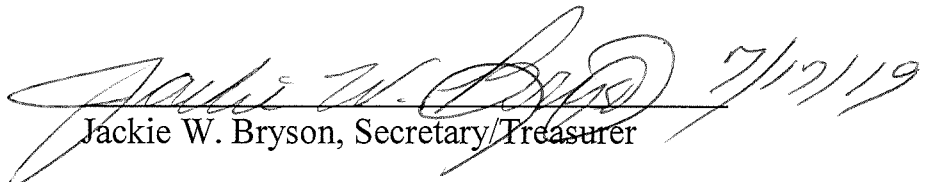
None.

10. New Business:

None.

11. Adjournment:

With no further business, Mr. Kelly called for adjournment at 2:24 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 6/12/19

✓	Agenda Item	Presenter	Time	
	Call to Order and Roll Call	VeHaun	2:00	
	01. Inquiry as to Conflict of Interest	VeHaun	2:05	
	02. Approval of Minutes of the May 15, 2019 Board Meeting	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda	VeHaun	2:15	
	04. Informal Discussion and Public Comment	VeHaun	2:20	
	05. Report of General Manager	Hartye	2:25	
	06. Report of Committees	VeHaun	2:30	
	a. Right of Way Committee – May 22, 2019	Kelly		
	07. Consolidated Motion Agenda	Hartye	2:35	
	a. Consideration of RFP's – Jarnaul Avenue GSR			
	b. Consideration of Compensation Budget – Jarnaul Avenue GSR			
	c. Consideration of Developer Constructed Sewer Systems - Dillingham Woods Sewer Extension; Weatherwood Subdivision Sewer Extension			
	d. Paving Agreement with the City of Asheville			
	e. MSD FY 20 Non City of Asheville Road ROW Paving Restoration Contract			
	f. Renewal of Contract FY 20 – Calcium Nitrate Solution for Odor & Hydrogen Sulfide Control			
	g. Consideration of Bids – Sodium Hypochlorite Contract FY20			
	h. Consideration of Amendment to Standby Bond Purchase Agreement	Powell		
	i. Cash Commitment Investment Report-Month ended April, 2019	Powell		
	08. Public Hearing: Consideration of Resolution Adopting Final Budget for FY 19-20 and Schedule of Sewer Rates and Fees	Powell	2:45	
	09. Old Business:	VeHaun	3:00	
	10. New Business:	VeHaun	3:05	
	11. Adjournment: (Next Meeting 7/17/19)	VeHaun	3:10	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
May 15, 2019

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, May 15, 2019. Chairman VeHaun presided with the following members present: Ashley, Bryson, Holland, Kelly, Pelly, Pressley, Valois, Watts, Whitesides and Wisler. Manheimer was absent.

Others present were: Thomas E. Hartye, PE, General Manager; Susan Russo Klein, General Counsel; Joseph Martin with Woodfin Sanitary Water and Sewer District; Ed Bradford, Angel Banks, Pam Thomas, Jim Hemphill, Hunter Carson, Scott Powell, Peter Weed, Mike Stamey, Sam Sirls, Spencer Nay and Pam Nolan, MSD.

2. Inquiry as to Conflict of Interest:

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

3. Approval of Minutes of the April 17, 2019 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the April 17, 2019 Board Meeting. Mr. Watts moved for approval of the minutes as presented. Mr. Pelly seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None.

5. Informal Discussion and Public Comment:

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

6. Report of General Manager:

Mr. Hartye reported that attached is the most recent version of House Bill 758 which came out of the Government Committee. This bill incorporated 4 out of 5 of the items requested by MSD. The only one they did not include was the initial approval by this Board to start the process. However, the Board will be involved in the decision based on an analysis that MSD performs. Currently, the bill is still in Finance Committee and not moving very fast. Also, Senate Bill 536 which was reported on at the April Board meeting is also moving slowly. Mr. Kelly asked if Mr. Hartye had said that the final bill did not make the crossover. Mr. Hartye stated correct, it is in Finance Committee now and theoretically it did not.

Mr. Hartye reported that MSD has won many national awards but was awarded a local one this time. The Golden Shovel Award by Asheville Greenworks for both the large amount of new construction to our treatment and collection

facilities and for the continual preventative maintenance performed by MSD Personnel.

Mr. Hartye reported that Shaun Millsaps called to express his appreciation for the great job that the MSD crew did with thanks to Roy Lytle, Jamie Foxx, Robert Honeycutt and Shane Meadows.

Mr. Hartye reported that the proposed FY 2020 Preliminary Budget and Rate Recommendations will be presented at this meeting by Mr. Powell.

Mr. Hartye reported that the next Right of Way Committee meeting will be held on May 22nd at 9 am. The next regular Board Meeting will be held on June 12th at 2 pm and the Final Budget will be presented at that time.

7. Report of Committees:

a. CIP Committee – April 23, 2019

Mr. Watts reported that the CIP Committee met on April 23rd and unanimously recommended approval of the CIP Budget. He stated that it was a great meeting.

b. Personnel Committee – April 30, 2019

Ms. Bryson reported that the Personnel Committee met on April 30th and unanimously voted to accept Staff's recommendation of a 2.5% wage adjustment for all employees, a 6.5% increase in contribution for medical insurance and a 15.5% increase in contribution to the NC Retirement Plan.

c. Finance Committee – May 2, 2019

Mr. Kelly reported that the Finance Committee met on May 2nd and had a very great meeting. The Finance Committee recommends approval of the Proposed FY 19 Budget and Schedule of Rates and Fees.

8. Consolidated Motion Agenda:

a. Consideration of Reimbursement Agreement – Lee Creek Master Plan Interceptor (Olivette Development Phase 2):

Mr. Hartye reported that attached is a reimbursement agreement for the installation of a new Master Plan Interceptor to serve the Lee Creek Basin in Woodfin and Buncombe County. The Board has already approved a reimbursement agreement for the upsizing of the pump station and force main. Upon completion of that portion Staff will come back to this Board for approval of reimbursement. Olivette Development proposes to install the new 18-inch line in accordance with the District's Collection System Master Plan. This agreement before you today is an Additional Capacity Reimbursement. If a developer is required to put in a larger line that is necessary for their own development to serve additional areas, they are eligible for reimbursement of the difference of

the increased construction cost. Staff obtained independent price quotes from multiple contractors and in this case the increase is \$324,510.00. Staff does not anticipate bringing either of these reimbursements back to the Board for payment until next fiscal year. Staff recommends that the District enter into a reimbursement agreement with Olivette Development LLC in the amount of \$324,510.00, subject to review and approval by District Counsel.

b. Consideration of Developer Constructed Sewer Systems: Atkins Street; Greenwood Fields Phase 2; Ventana Phase 2:

Mr. Hartye reported that the Atkins Street project is located near Hendersonville Road in the City of Asheville and included extending approximately 893 linear feet of 8-inch public gravity sewer to serve the 45-townhome residential development.

Mr. Hartye reported that the Greenwood Fields Phase 2 project is located in the Town of Woodfin and included extending approximately 2,952 linear feet of 8-inch public gravity sewer to serve this phase of the 66-unit single family residential development.

Mr. Hartye reported that the Ventana Phase 2 project is located in the Town of Woodfin and included extending approximately 1,645 linear feet of 8-inch public gravity sewer to serve this phase of the 17-unit single family residential development.

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

c. Cash Commitment/Investment Report Month ended March, 2019:

Mr. Powell reported that Page 44 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 45 presents the MSD investment managers report for the month of March. The weighted average maturity of the investment portfolio is 217 days. The yield to maturity is 2.5%. Page 46 presents the District's analysis of cash receipts. Monthly and YTD Domestic and Industrial sewer revenue are considered reasonable based on timing of cash receipts in their respective fiscal periods. YTD Industrial sewer revenue is above historical trends due to a temporary increase in revenue from one industrial user. YTD facility and tap fees are above historical trends due to the timing of 4 cash receipts from developers as well as these fees being budgeted conservatively. Page 47 presents the District's analysis of expenditures. Monthly and YTD O&M expenditures are considered reasonable based on historical trends. Due to the nature of the variable rate bond market, monthly and YTD expenditures can vary year to year. Based on the current variable interest rates, debt service expenditures are considered reasonable. Due to the 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. Page 48 presents MSD's Variable Debt Service report. The 2008A Series refunding bonds are

performing better than budgeted expectations. As of the end of April, this issue has saved the District rate payers approximately \$5.9 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. Bryson seconded the motion. Roll call vote was as follows: 11 ayes; 0 Nays.

9. Public Hearing:

Mr. VeHaun announced the opening of the Public Hearing at 2:07 pm.

Consideration of Resolution Adopting the Preliminary Budget for FY 19-20 and Schedule of Sewer Rates and Fees:

Mr. Powell reported that Page 20 presents the proposed FY 19-20 budget of \$57,702,846 which includes a 2.5% domestic rate increase which is a .81 cent increase in the average single-family monthly bill. The average monthly bill will go from 31.36 to 32.17. We will continue the last year of the Industrial Rate Parity Plan which is in year 20 of 20. There will be a 4.0% average increase for the industrial section. Sewer System Development Fees and Sewer Connection Fees change in accordance with consultant and staff recommendations. There is no change this fiscal year. There is a 2.25% Rate of return on investments. There is a 3.75% increase in Salaries and Benefits which has an impact of \$516,386 and Personnel Committee recommendations for salary adjustments, self-insurance funding and GASB 45/75 OPEB funding as well as State required retirement contribution and unemployment funding. Also included in the Operation and Maintenance Budget is a 1.90% increase in materials, supplies and service which has an impact of \$124,536. Mr. Powell reported that Page 31 of the pdf document contains the detailed summary of items asked to be approved for this fiscal year. Page 60 includes a line item detail of the proposed CIP Budget of \$29,894,818. There were no questions or comments from the Board.

Mr. VeHaun called for public comment on the proposed Preliminary Budget for FY 19-20 and Schedule of Sewer Rates and Fees. There was none. Mr. VeHaun closed the Public Meeting at 2:17 pm.

Mr. VeHaun called for a motion to approve the Resolution Adopting the Preliminary Budget for FY 2019-2020 and the Schedule of Sewer Rates and Fees. Ms. Wisler moved. Mr. Kelly seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

10. Old Business:

None

11. New Business:

None

Minutes
May 15, 2019
Page Five

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:22 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: May 31, 2019
SUBJECT: Report from the General Manager

- Kudos

- Attached is a letter from Harry J. Petrequin of Rhododendron Ave., Black Mountain commending Eric Bryant for his prompt and thorough performance.
- Thanks to all the MSD employees(pic attached) who took part in our annual river clean-up on May 24th. It was very hot and very successful. It has become apparent that the river is getting cleaner each year and the river banks are looking less like a trash can. Special thanks to Sandra Moore who headed up our effort once again.

- FY 2020 Budget Process

The Final Budget and a Public Hearing will be held at the Regular Board Meeting on June 13th. There have been no changes to the Preliminary Budget that was brought to the Board back in May.

- Board/Committee Meetings/Events

The next Regular Board Meeting will be held on July 17th at 2 pm. The next Right of Way Committee meeting will be held on July 24th at 9am.

May 6, 2019
Metropolitan Sewerage District (MSD)
2028 Riverside Drive
Asheville, NC 28804

Attn: Ms. Lisa Tilley

Dear Ms. Tilley:

I am writing to commend Mr. Eric Bryant of MSD for his prompt and thorough performance in responding to a drainage problem with a manhole at 602 Rhododendron Ave, Black Mountain on Saturday, May 4, 2019.

It was late in the afternoon with intermittent heavy rain when the problem was discovered by a plumber who recommended that I notify MSD immediately because of the possible health problems with a manhole cover that no longer protected the sewer opening. I placed the call and Mr. Bryant came to the site immediately and undertook emergency repairs to the extent he could. He then informed me that he would return today with a team and equipment required to fully remedy the problem, which he did.

Mr. Bryant's dedication and professionalism are noteworthy. It is reassuring to know that we have such quality service available to us in Buncombe County.

Respectfully,


Harry J. Petrequin

W: 262377



**RIGHT OF WAY
COMMITTEE RECOMMENDATIONS
AND MINUTES
May 22, 2019**

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, May 22, 2019. The following Right of Way Committee members were present: Glenn Kelly, Matt Ashley, Earl Valois, Esther Manheimer and Chris Pelly.

Others present were: Jerry VeHaun, Chairman of the Board; Robert Pressley, Board Member; Angel Banks, Ed Bradford, Hunter Carson, 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 RFPs, Jarnaul Avenue Rehabilitation, Project No. 2016104

BACKGROUND: This project is located in the Newbridge area of Asheville. MSD will replace approximately 4,640 LF of 6-inch clay lines with 8-inch ductile iron. These lines are undersized, in poor structural condition, have reached their functional life span and triggered numerous repair requests. Per current engineering plans, there are 38 parcels crossed.

Requests for easement acquisition services were sent to three utility services consultants experienced in easement acquisition: TELICS, Statesville, NC; TRC, Flat Rock, NC and Professional Property Services, Cornelius, NC. Professional Property Services notified MSD that due to current work volume they were unable to quote the project at this time. The remaining consultants provided proposals as follows:

TELICS: Not to exceed cost of \$85,500 for total of 38 parcels; per parcel cost of \$2,250 for additional parcels.

TRC: Not to exceed cost of \$98,411 for total of 38 parcels; per parcel cost of \$2,590 for additional parcels.

TELICS has the lowest cost proposal, with a not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38. TELICS has previously acquired projects for MSD and their work has been excellent.

STAFF RECOMMENDATION: Staff recommends award of this contract to TELICS in the not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38, subject to review and approval by District Counsel.

Ms. Banks reviewed the above information and explained the location. Mr. Kelly asked at what point did MSD decide to use external acquisition services instead of internal. Mr. Banks stated typically it is dependent upon the size of the project and the number of projects going on in-house. If Staff can handle the work load they will but a lot of times there may be 3–6 other projects going on in-house with a smaller number of parcels. Ms. Manheimer stated that at the NC League of Municipalities Conference there were vendors who specialize in this work. The idea being that you don't have to increase your payroll to accommodate a large project and have to worry about shrinking back down when the project is complete. Mr. Pelly asked how the estimate from the vendors compare to doing the work in house. Ms. Banks stated that it was much more expensive. There was some discussion regarding the increases since the last time MSD used a consultant in 2006-2007. 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: Accept Staff recommendation of award of this contract to TELICS in the not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38, subject to review and approval by District Counsel.

IV. Consideration of Compensation Budget – Jarnaul Avenue GSR, Project No. 2016104

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 reviewed the above compensation budget. Mr. Kelly stated that he did know one of the property owners but it posed no conflict. 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.

There being no further business, the meeting adjourned at 9:12 am.

Metropolitan Sewerage District of Buncombe County

Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 5/22/2019

BOARD MEETING DATE: 6/12/2019

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 RFPs, Jarnaul Avenue Rehabilitation, Project No. 2016104

BACKGROUND: This project is located in the Newbridge area of Asheville. MSD will replace approximately 4,640 LF of 6-inch clay lines with 8-inch ductile iron. These lines are undersized, in poor structural condition, have reached their functional life span and triggered numerous repair requests. Per current engineering plans, there are 38 parcels crossed.

Requests for easement acquisition services were sent to three utility services consultants experienced in easement acquisition: TELICS, Statesville, NC; TRC, Flat Rock, NC and Professional Property Services, Cornelius, NC. Professional Property Services notified MSD that due to current work volume they were unable to quote the project at this time. The remaining consultants provided proposals as follows:

TELICS: Not to exceed cost of \$85,500 for total of 38 parcels; per parcel cost of \$2,250 for additional parcels.
TRC: Not to exceed cost of \$98,411 for total of 38 parcels; per parcel cost of \$2,590 for additional parcels.

TELICS has the lowest cost proposal, with a not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38. TELICS has previously acquired projects for MSD and their work has been excellent.

Please refer to the attached documentation for further details.

STAFF RECOMMENDATION: Staff recommends award of this contract to TELICS in the not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38, subject to review and approval by District Counsel.

Ms. Banks reviewed the above information and explained the location. Mr. Kelly asked at what point did MSD decide to use external acquisition services instead of internal. Mr. Banks stated typically it is dependent upon the size of the project and the number of projects going on in-house. If Staff can handle the work load they will but a lot of times there may be 3–6 other projects going on in-house with a smaller number of parcels. Ms. Manheimer stated that at the NC League of Municipalities Conference there were vendors who specialize in this work. The idea being that you don't have to increase your payroll to accommodate a large project and have to worry about shrinking back down when the project is complete. Mr. Pelly asked how the estimate from the vendors compare to doing the work in house. Ms. Banks stated that it was much more expensive. There was some discussion regarding the increases since the last time MSD used a consultant in 2006-2007. 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: Accept Staff recommendation of award of this contract to TELICS in the not to exceed cost of \$85,500 for 38 parcels and a per parcel cost of \$2,250 for additional parcels over 38, subject to review and approval by District Counsel.

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

COMMITTEE MEETING DATE: 5/22/2019

BOARD MEETING DATE: 6/12/2019

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 –

Jarnaul Avenue GSR, Project No. 2016104

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 reviewed the above compensation budget. Mr. Kelly stated that he did know one of the property owners but it posed no conflict. 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.

Jarnaul Avenue GSR

Project Number: 2016104

Compensation Budget

13-May-19

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															
	9730931911	Booraem	Anna	0.84	36,590.40	\$77,000.00	\$2.10	0.00	\$0.00	\$0.00	1,010.50	\$2,122.05	\$212.21	6	\$106.10	\$106
	9730835885	Boyd	Vann	0.50	21,780.00	\$71,700.00	\$3.29	138.60	\$455.99	\$228.00	468.30	\$1,540.71	\$154.07	6	\$77.04	\$305
	9730747367	Boyle	Jean	0.25	10,890.00	\$73,300.00	\$6.73	122.00	\$821.06	\$410.53	1,203.10	\$8,096.86	\$809.69	6	\$404.84	\$815
	9730933831	Cambron	Catherine	0.33	14,374.80	\$76,200.00	\$5.30	138.20	\$732.46	\$366.23	344.20	\$1,824.26	\$182.43	6	\$91.21	\$457
	9730841123	Campbell	Rebecca	0.66	28,749.60	\$74,500.00	\$2.59	2,266.80	\$5,871.01	\$2,935.51	3,387.60	\$8,773.88	\$877.39	6	\$438.69	\$3,374
	9730748715	Chaturongkul	Sukkit	0.30	13,068.00	\$75,200.00	\$5.75	1,892.30	\$10,880.73	\$5,440.36	2,273.90	\$13,074.93	\$1,307.49	6	\$653.75	\$6,094
	9730748824	Chaturongkul	Sukkit	0.26	11,325.60	\$73,700.00	\$6.51	1,799.50	\$11,714.75	\$5,857.37	2,040.00	\$13,280.40	\$1,328.04	6	\$664.02	\$6,521
	9730846162	Cranford	William	0.43	18,730.80	\$70,200.00	\$3.75	266.30	\$998.63	\$499.31	1,204.70	\$4,517.63	\$451.76	6	\$225.88	\$725
	9730843820	Dennis	Austin	0.45	19,602.00	\$70,700.00	\$3.61	643.40	\$2,322.67	\$1,161.34	2,016.60	\$7,279.93	\$727.99	6	\$364.00	\$1,525
	9730748155	Duckett	Karen	0.47	20,473.20	\$71,100.00	\$3.47	67.40	\$233.88	\$116.94	0.00	\$0.00	\$0.00	6	\$0.00	\$117
	9730747583	Frisby	Ernest	0.24	10,454.40	\$72,900.00	\$6.97	173.40	\$1,208.60	\$604.30	1,203.40	\$8,387.70	\$838.77	6	\$419.38	\$1,024
	9730747691	Frisby	Hilda	0.26	11,325.60	\$73,700.00	\$6.51	566.30	\$3,686.61	\$1,843.31	1,362.10	\$8,867.27	\$886.73	6	\$443.36	\$2,287
	9730749412	Gentry III	William	0.44	19,166.40	\$70,500.00	\$3.68	2,854.50	\$10,504.56	\$5,252.28	3,513.70	\$12,930.42	\$1,293.04	6	\$646.52	\$5,899
	9730843123	Gillis Jr.	Grover	0.55	23,958.00	\$72,700.00	\$3.03	2,248.30	\$6,812.35	\$3,406.17	2,837.20	\$8,596.72	\$859.67	6	\$429.84	\$3,836
	9730749191	Gonella	Charlotte	0.46	20,037.60	\$70,900.00	\$3.54	81.40	\$288.16	\$144.08	1,075.80	\$3,808.33	\$380.83	6	\$190.42	\$334
	9730747231	Hensley	Susan	0.24	10,454.40	\$72,900.00	\$6.97	150.50	\$1,048.99	\$524.49	356.60	\$2,485.50	\$248.55	6	\$124.28	\$649
	9730932646	Herring	Noble	0.39	16,988.40	\$78,000.00	\$4.59	177.20	\$813.35	\$406.67	550.30	\$2,525.88	\$252.59	6	\$126.29	\$533
	9730842126	JMC Revocable Trust		0.45	19,602.00	\$70,700.00	\$3.61	2,156.20	\$7,783.88	\$3,891.94	1,662.40	\$6,001.26	\$600.13	6	\$300.06	\$4,192
	9730848122	Johnston	David	0.37	16,117.20	\$68,800.00	\$4.27	0.00	\$0.00	\$0.00	1,219.70	\$5,208.12	\$520.81	6	\$260.41	\$260
	9730849102	Knecht	C.	0.34	14,810.40	\$68,000.00	\$4.59	0.00	\$0.00	\$0.00	1,222.90	\$5,613.11	\$561.31	6	\$280.66	\$281
	9730836954	Lanou	Amy	0.60	26,136.00	\$73,500.00	\$2.81	389.80	\$1,095.34	\$547.67	3,469.40	\$9,749.01	\$974.90	6	\$487.45	\$1,035
	9730748597	Lewis	Julia	0.32	13,939.20	\$67,400.00	\$4.84	1,946.20	\$9,419.61	\$4,709.80	2,200.50	\$10,650.42	\$1,065.04	6	\$532.52	\$5,242
	9730844112	Maggard	Roger	0.49	21,344.40	\$71,500.00	\$3.35	1,723.10	\$5,772.39	\$2,886.19	1,806.40	\$6,051.44	\$605.14	6	\$302.57	\$3,189
	9730845172	Mastrototaro	Michele	0.44	19,166.40	\$70,500.00	\$3.68	331.20	\$1,218.82	\$609.41	1,202.70	\$4,425.94	\$442.59	6	\$221.30	\$831
	9730832981	Mend II, LLC		0.57	24,829.20	\$78,500.00	\$3.16	0.00	\$0.00	\$0.00	208.90	\$660.12	\$66.01	6	\$33.01	\$33
	9730851323	New Bridge Missionary Ba		3.88	169,012.80	\$180,500.00	\$1.07	993.70	\$1,063.26	\$531.63	1,490.50	\$1,594.84	\$159.48	6	\$79.74	\$611
	9730851011	Newbridge Missionary Bap		4.41	192,099.60	\$194,500.00	\$1.01	9,331.90	\$9,425.22	\$4,712.61	13,968.80	\$14,108.49	\$1,410.85	6	\$705.42	\$5,418
	9730930797	Oliver	Richard	0.87	37,897.20	\$77,400.00	\$2.04	0.00	\$0.00	\$0.00	8,059.20	\$16,440.77	\$1,644.08	6	\$822.04	\$822

Jarnaul Avenue GSR

Project Number: 2016104

Compensation Budget

13-May-19

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															
	9730841860	Ostrenga	Ruth	0.35	15,246.00	\$68,300.00	\$4.48	140.10	\$627.65	\$313.82	2,153.80	\$9,649.02	\$964.90	6	\$482.45	\$796
	9730840234	Pressly	Jason	0.32	13,939.20	\$67,400.00	\$4.84	2,645.70	\$12,805.19	\$6,402.59	2,934.10	\$14,201.04	\$1,420.10	6	\$710.05	\$7,113
	9730834922	Roda	Peter	0.45	19,602.00	\$66,300.00	\$3.38	110.20	\$372.48	\$186.24	1,390.00	\$4,698.20	\$469.82	6	\$234.91	\$421
	9730840739	Snyder	Keith	0.35	15,246.00	\$68,300.00	\$4.48	0.00	\$0.00	\$0.00	1,757.30	\$7,872.70	\$787.27	6	\$393.64	\$394
	9730747475	Sprinkle	Ann	0.25	10,890.00	\$73,300.00	\$6.73	44.00	\$296.12	\$148.06	1,200.50	\$8,079.37	\$807.94	6	\$403.97	\$552
	9730838944	Spruance, III	F.	0.57	24,829.20	\$73,000.00	\$2.94	2,691.50	\$7,913.01	\$3,956.51	2,509.90	\$7,379.11	\$737.91	6	\$368.96	\$4,325
	9730844192	Turnau	Even	0.45	19,602.00	\$70,700.00	\$3.61	1,209.20	\$4,365.21	\$2,182.61	1,194.70	\$4,312.87	\$431.29	6	\$215.64	\$2,398
	9730747249	Vlahos	George	0.25	10,890.00	\$73,300.00	\$6.73	402.80	\$2,710.84	\$1,355.42	1,206.50	\$8,119.75	\$811.97	6	\$405.99	\$1,761
	9730847142	Wadsworth	Jo Ann	0.39	16,988.40	\$69,300.00	\$4.08	109.20	\$445.54	\$222.77	1,209.70	\$4,935.58	\$493.56	6	\$246.78	\$470
	9730748289	Waites	David	0.32	13,939.20	\$67,400.00	\$4.84	586.30	\$2,837.69	\$1,418.85	0.00	\$0.00	\$0.00	6	\$0.00	\$1,419
	9730749739	Williford	Jerald	0.37	16,117.20	\$68,800.00	\$4.27	1,154.40	\$4,929.29	\$2,464.64	1,897.70	\$8,103.18	\$810.32	6	\$405.16	\$2,870

TOTALS:	\$79,036
Staff Contingency:	\$20,000
GM's Contingency	\$20,000
Amendment	
Total Budget:	\$119,036

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 12, 2019

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

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

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Dillingham Woods Sewer Extension, MSD Project No. 2014048

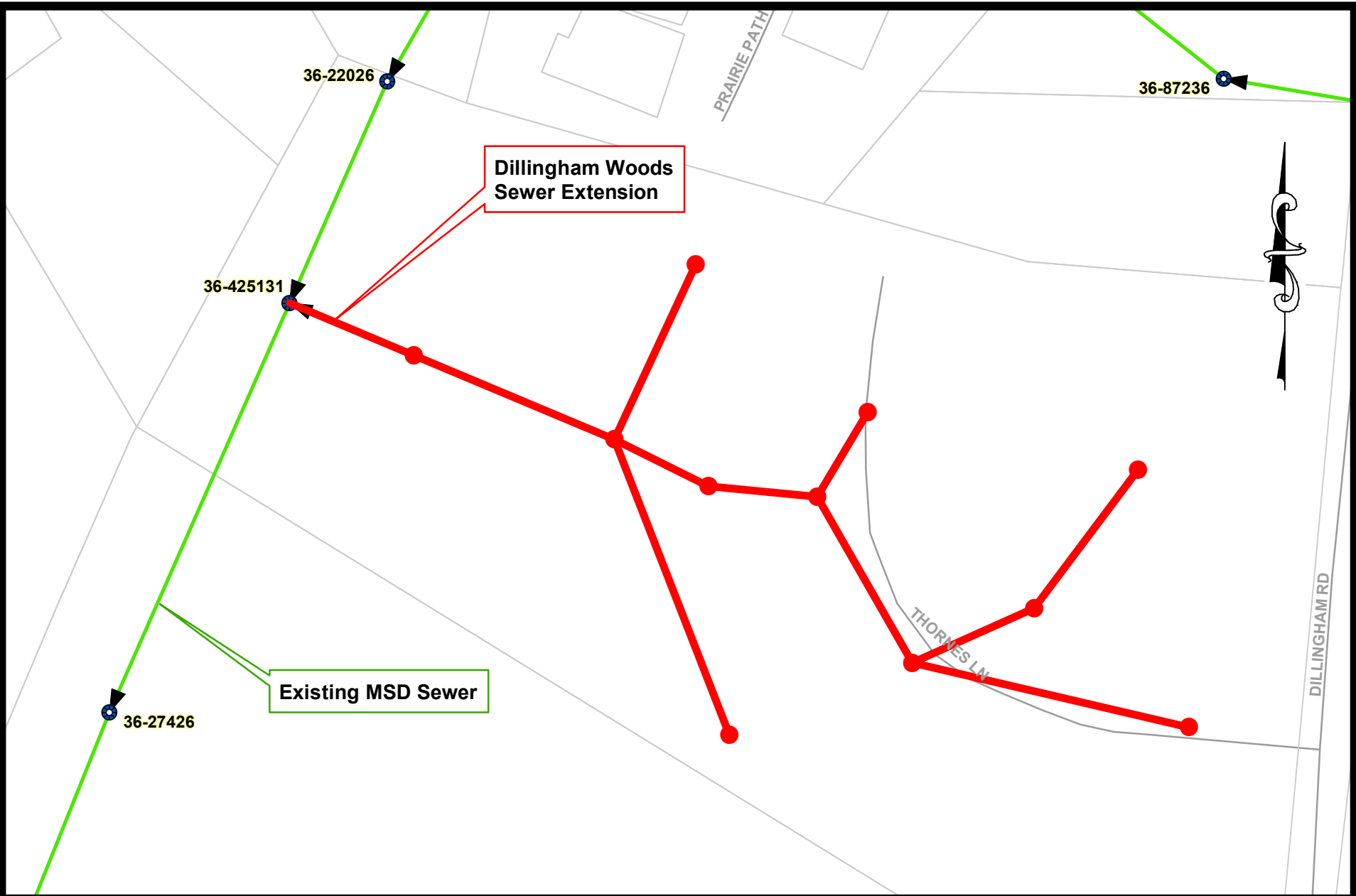
BACKGROUND: This project is located inside the District boundary off Dillingham Road in the City of Asheville. The developer of the project is Mike Hayes of Hill Ventures, LLC.

The project included extending approximately 970 linear feet of 8-inch public gravity sewer to serve the townhome development.

A wastewater allocation was issued in the amount of 7,000 GPD for the twenty-two (22) residential units for this development. The estimated cost of the sewer construction is \$64,197.00.

All MSD requirements have been met.

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



MSD
Engineering Division

**Dillingham Woods Sewer Extension
MSD Project # 2014048**

Metropolitan Sewerage District of Buncombe County

5/23/19

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 12, 2019

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

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

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Weatherwood Subdivision Sewer Extension, MSD Project No. 2016034

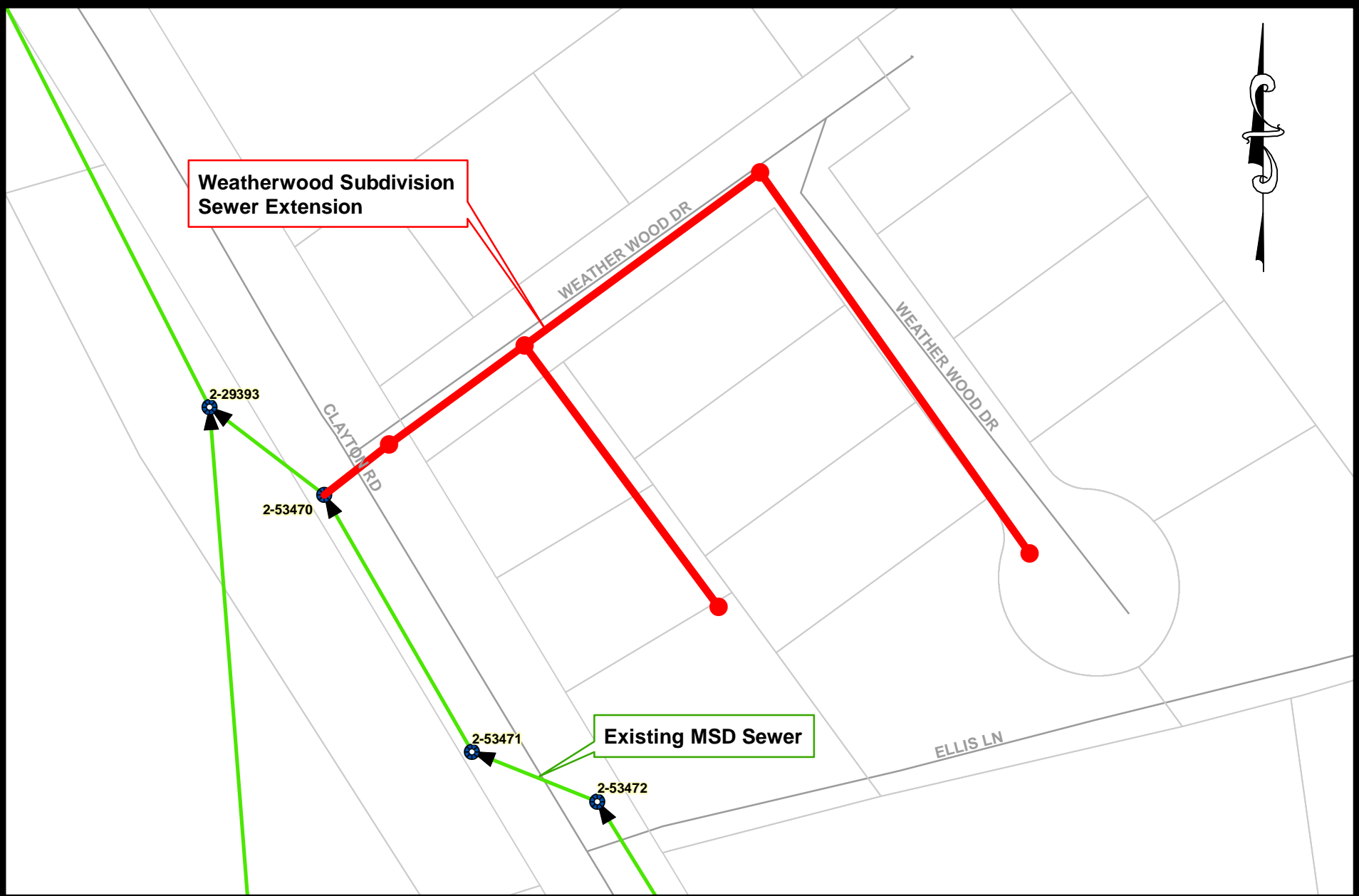
BACKGROUND: This project is located inside the District boundary off Clayton Road in Buncombe County. The developer of the project is Vlad Grebenyuk.

The project included extending approximately 678 linear feet of 8-inch public gravity sewer to serve the single family residential development.

A wastewater allocation was issued in the amount of 7,600 GPD for the nineteen (19) residential units for this development. The estimated cost of the sewer construction is \$50,000.00.

All MSD requirements have been met.

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



**Weatherwood Subdivision
Sewer Extension**

Existing MSD Sewer



MSD
Engineering Division

Weatherwood Subdivision Sewer Extension
MSD Project # 2016034
Metropolitan Sewerage District of Buncombe County

5/23/19

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATION ITEM

BOARD MEETING DATE: 6/12/19

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

PREPARED BY: Mike Stamey, P.E. - Director of System Services Construction
Scott Powell, CLGFO – Director of Finance

SUBJECT: Report on MSD Paving Agreement with City of Asheville
Project Number 2002101

BACKGROUND: This agreement is for asphalt and concrete (patching) restoration of *public roads and sidewalks* within the Asheville City Limits which have a size of approximately 300 SF or less. This restoration work is the result of District in-house maintenance and rehabilitation activities on the sewer system.

Prior to FY 12, all pavement and sidewalk restoration after MSD work was performed by contractors. This process worked well, with the exception of administrative & permitting issues concerning City of Asheville streets. With these concerns in mind, the City and the District entered an agreement on July 1, 2011 wherein the District would pay the City an annual contribution to a Paving Enterprise Fund and all pavement restoration would be performed by the City's in-house paving crews. This agreement was executed between MSD and the City for both the FY 12 and FY 13 years.

During these two contract years, the City crews provided excellent service relating to asphalt and concrete patching for the subject roadways, especially for the cuts of approximately 300 SF or less. Asphalt restoration for projects larger than 300 SF however was found to be very costly and difficult to complete by City crews in a timely manner due to workload.

As such, MSD and the City worked together in the spring of 2013 to facilitate an annually renewing agreement which provided greater efficiency and economic feasibility for both sides. The details of the agreement include City crews performing asphalt and concrete patching restoration work for MSD within City Right of Ways for areas of approximately 300 SF or less. In areas greater than 300 SF and for asphalt overlays, MSD contracts out the pavement restoration. For this agreement the City provides monthly reports to MSD and MSD makes monthly payments for completed restoration work. Additionally, MSD is not required to pay permit fees.

This annually renewing agreement was approved by the MSD Board at the June 12, 2013 meeting. For FY20, the District's monetary contribution for this agreement is \$400,114.00. This amount is based upon usage throughout the past three years of the agreement.

The District must still contract out for paving overlays and patches in the City which exceed approximately 300 SF and for all paving work for the remaining areas outside the Asheville City Limits / Right of Ways.

FISCAL IMPACT: The FY20 budget estimate for this item is \$400,114.00. Appropriate funding is provided in the FY20 System Services CIP Construction budget.

STAFF RECOMMENDATION: None. Information Only

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: 6/12/2019

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

PREPARED BY: Mike Stamey, PE – Director of System Services Construction

SUBJECT: MSD FY20 Non City of Asheville Road ROW Paving Restoration Contract Project No. 2002101

BACKGROUND: This contract is for the restoration of roads, driveways, and sidewalks resulting from District maintenance activities for areas outside of the City of Asheville Road Right of Ways. These activities are both planned (i.e. taps for new connections or small repairs), and unplanned (i.e. emergency repairs to the system).

The contractor is required to handle all aspects of each repair - which include mobilization to each site within 24 hours; that the repair quality is made to public standards; and that a two-year warranty is provided on all work.

District staff performs limited repairs of this type as time and resources allow. In addition, for larger in-house rehabilitation projects, the paving work is competitively bid on a per-project basis.

At the June 13, 2018 MSD Board meeting the subject Non-City contract for FY19 was presented to the MSD Board. French Broad Paving, Inc. was the low bidder with a bid of \$418,217.50. Their bid was approved on that date. The contract, as presented to the Board, included a provision to renew for a period of one additional year if in MSD's best interest. This renewal clause was contingent upon terms and conditions, including unit costs, being the same.

Based on the above provisions being in place, this contract will be renewed for FY20 with French Broad Paving, Inc. in the amount of \$418,217.50. This amount is based on unit pricing being the same as the FY19 contract.

French Broad Paving, Inc. has agreed to the renewal conditions. This contract renewal process has also been reviewed and approved by District Counsel.

FISCAL IMPACT: The FY20 System Services CIP Construction budget includes appropriate funding for this item.

STAFF RECOMMENDATION: None. Information only

Metropolitan Sewerage District of Buncombe County Board Action Item

Meeting Date: June 12, 2019

Subject: Renewal of Contract FY20 – Calcium Nitrate Solution for Odor and Hydrogen Sulfide Control Contract

Prepared by: Peter Weed; Director – WRF Treatment and Maintenance
Roger Edwards; WRF Operations Manager
Chad Ledford; Pretreatment Supervisor
Julie Willingham, CLGPO; Purchasing Supervisor

Reviewed by: Tom Hartye, PE; General Manager
W. Scott Powell, CLGFO; Finance Director
Billy Clarke; District Counsel

Background: MSD has been using a calcium nitrate based solution to control hydrogen sulfide formation in the South French Broad Interceptor. Hydrogen sulfide is formed in wastewater after bacteria have used most of the available oxygen. It has a predominate rotten egg odor and is easily released from the wastewater. When in the air space in a sewer line, it also converts to sulfuric acid which erodes the inside of sewer pipes. Calcium nitrate has proven to be effective in combating the formation of hydrogen sulfide and preventing the degradation of the collection system.

At the June 13, 2018, MSD Board Meeting, bids for the Calcium Nitrate Solution Contract for FY19 was presented to the Board. Evoqua Water Technologies was the lowest bidder at \$1.99/gallon. The contract, as presented to the Board, included a provision to renew it for one additional year if in the best interest of MSD. This renewal clause was contingent upon all terms and conditions, including price, being the same.

Evoqua Water Technologies has agreed to the renewal conditions; therefore, this contract will be renewed for FY20 at an estimated amount of \$179,100.00 – within the levels budgeted by the WRF.

Evoqua Water Technologies has been a supplier of calcium nitrate solution to MSD for a number of years. MSD staff is comfortable with the quality of the chemicals, and the customer service supplied by Evoqua.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on an estimated use of 90,000 gallons at \$1.99/gallon, the FY20 for calcium nitrate solution is anticipated to be \$179,100.00 and is within levels budgeted by the WRF.

Staff Recommendation: None. For Information Only.

Metropolitan Sewerage District of Buncombe County

Board Action Item

Meeting Date: June 12, 2019

Subject: Consideration of Bids - Sodium Hypochlorite Contract FY20

Prepared by: Peter Weed; Director – Water Reclamation Facility
Roger Edwards; Operations Manager – Water Reclamation Facility
Julie Willingham, CLGPO; Purchasing Supervisor

Reviewed by: Tom Hartye, General Manager
W. Scott Powell, CLGFO; Finance Director
Billy Clarke, District Counsel

Background: The Water Reclamation Facility is required to disinfect the effluent prior to discharge to the French Broad River. Liquid sodium hypochlorite is used for this purpose. Current contracted cost for Sodium Hypochlorite is \$0.66/gallon, with an estimated expenditure for FY19 - based on 200,000 gallons usage - of \$132,000.00. In May of 2019, new bids for Sodium Hypochlorite were requested from various vendors as a method of keeping costs in line, as costs have been known to fluctuate in previous years due to changes in fuel and manufacturing costs. The bid was based on an estimated usage for 2019-2020 of 200,000 gallons of Sodium Hypochlorite.

Discussion: Pursuant to North Carolina Purchasing Statutes and MSD Procedures, on April 22, 2019, bids were emailed to four vendors and an advertisement was placed on the MSD web site. Three (3) bids were received and the bid opening was held May 16, 2019. Oltrin was the lowest bidder at \$0.74/gallon and agrees to hold their price firm for the total year contract irrespective of market changes. Oltrin has been a supplier of Sodium Hypochlorite to MSD in previous years and MSD staff feels comfortable with both the quality of the chemicals and the customer service supplied by Oltrin.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on historical use, FY19 expenditures for Sodium Hypochlorite is anticipated to be \$148,000.00, within the levels budgeted by the WRF.

Staff Recommendation: Staff recommends that the Board award the contract for the supply of Sodium Hypochlorite to Oltrin at a unit price of \$0.74 per gallon.

Bid Tab:

Vendor	Price per Gallon	Extended Price based on 200,000 estimated gallons	Comments
Univar Spartanburg, SC	\$0.76	\$152,000.00	Price good for one year
Specialty Chemical, Cleveland, TN			Submitted No Quote
JCI Jones Charlotte, NC			Rejected, Non-responsive. Did not meet bid specifications.
Oltrin, Hamlet, NC	\$0.74	\$148,000.00	Price good for one year

**ROBERTS
& STEVENS**
ATTORNEYS AT LAW

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VINCENT D. CHILDRESS, JR.
GREGORY D. HUTCHINS
WYATT S. STEVENS
MARK C. KURDYS*
JACQUELINE D. GRANT
DAVID L. ENGLISH
F. LACHICOTTE ("LACH") ZEMP, JR.
KENNETH R. HUNT
DENNIS L. MARTIN, JR.
ANN-PATTON HORNTAL
PHILLIP T. JACKSON
*DRC CERTIFIED MEDIATOR

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(1921-2007)
JOHN S. STEVENS
(1933-2019)

Writer's Direct Phone No.: 828/258-6919
Writer's E-mail: bclarke@roberts-stevens.com

June 4, 2019

Ms. Julie Willingham, CLGPO
Purchasing Supervisor
MSD
2028 Riverside Drive
Asheville, NC 28804

Via E-mail: JWillingham@msdbc.org

Re: Sodium Hypochlorite Bid, Fiscal Year 2019-2020

Dear Ms. Willingham:

I have received and reviewed the sodium hypochlorite bid package and the sodium hypochlorite bids (3).

Univar	\$0.76 per gallon
Oltrin / Trinity Manufacturing	\$0.74 per gallon
JCI Jones	\$0.735 per gallon

Univar and Oltrin's bids appear to be in compliance with the bid specifications. JCI Jones' bid did not meet bid specifications, and their bid may be rejected. MSD may award the contract for Sodium Hypochlorite for the year 2019 -2020 to the lowest responsible bidder.

Sincerely,

ROBERTS & STEVENS, PA



William Clarke

BC/sh

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

Meeting Date: June 12, 2019
Submitted By: Thomas E. Hartye, PE., General Manager
Prepared By: W. Scott Powell, CLGFO, Director of Finance
Reviewed By: Billy Clarke, District Legal Counsel
Subject: Amendment to Standby Bond Purchase Agreement

Background

The District has Series 2008A revenue refunding bonds. This Series is a variable rate debt series with an outstanding balance of \$28,950,000 as of June 12, 2019. Due to their variable nature, this series requires a standby bond purchase agreement. Currently, the District has a 0.40% agreement with Wells Fargo, NA at an annual cost of approximately \$115,800.

Discussion

A Standby Bond Purchase Agreement is an agreement with a third party, typically a bank, in which the bank agrees to purchase variable rate bonds tendered for purchase in the event the bonds cannot be remarketed on the open market. MSD is required to have such an agreement in place for its outstanding variable rate bonds. Due to continuing economic conditions, the cost of providing such an agreement in the variable rate market continues to change depending on the provider.

Staff engaged First Tryon Advisors to investigate the Standby Bond Purchase Agreement market and opened dialogue with its current liquidity provider as to an extension and a reduction in cost. Wells Fargo, NA has proposed extending the District's current agreement to July 1, 2022 at 0.36%. The District will have the option to terminate the agreement at any time if Wells Fargo, NA short-term ratings fall below A-1/P-1. Finally, the District can terminate the agreement if market conditions are favorable to refund the series.

Meeting Date: June 12, 2019

Subject: Amendment to Standby Bond Purchase Agreement

Fiscal Impact

The District incurred approximately \$5,000 in advisory fees with First Tryon Advisors. In addition, the Amended Standby Bond Purchase Agreement requires that the District pay legal fees and expenses of Wells Fargo's outside counsel (Moore & Van Allen) in the amount of \$3,500. The District will save approximately \$11,600 ANNUALLY (\$34,800 total) over the life of the extension with Wells Fargo, NA.

Staff Recommendation

Staff recommends to the Board the endorsement of the proposed amendment from Wells Fargo, NA (Exhibit 1) pending legal counsel review and 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:	

Exhibit 1THIRD AMENDMENT TO STANDBY BOND PURCHASE AGREEMENT

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

W. Scott Powell, CLGFO
Director of Finance

May 29, 2019

W. Scott Powell, CLGFO
Director of Finance
Metropolitan Sewerage District of Buncombe County
2028 Riverside Drive
Asheville, NC 28804

Re: Standby Bond Purchase Agreement dated as of June 1, 2012 between Metropolitan Sewerage District of Buncombe County, North Carolina (the “District”) and Wells Fargo Bank, National Association (the “Bank”), amended by a First Amendment to Standby Bond Purchase Agreement dated February 3, 2014 and as further amended by a Second Amendment to Standby Bond Purchase Agreement dated January 3, 2017 (as amended and supplemented from time to time, the “Agreement”) related to the District’s 2008A Sewerage System Revenue Refunding Bonds

Dear Scott:

Subject to the satisfaction of the conditions set forth below and acceptance of this letter agreement (the “Third Amendment”) evidenced by your execution hereof on behalf of the District, the Bank and the District hereby agree to amend the Agreement effective July 2, 2019, as set forth in this Third Amendment.

The following definitions shall be amended to read as follows:

“Expiration Date” means July 1, 2022 and, thereafter, such later date as may be agreed to in writing between the Bank and the District.

“Fee Letter” means the letter to the District designated as such and dated of even date herewith and accepted as of the date hereof, as amended, modified, restated, replaced, waived, substituted, supplemented or extended from time to time.

Section 2.07 shall be amended to read as follows:

(a) Notwithstanding anything to the contrary contained in such Bond, the District agrees that, with respect to each Bank Bond, (i) such Bank Bond shall be redeemed in whole in six (6) consecutive, equal semi-annual installments of principal and interest at the Bank Bond Rate (unless an Event of Default has occurred, in which case the Default Rate would apply), such payments to commence on the first May 1 or November 1 that is at least 180 days following the applicable Purchase Date of such Bank Bond, and continuing on each May 1 and November 1 thereafter until fully paid. In any event, all principal and accrued and unpaid interest shall be due and payable 30 days after the Expiration Date; provided, however if no Event of Default, or any event which with the giving of notice or the passage of time or both would constitute an Event of Default, shall have occurred and be continuing, no later than the Expiration Date, the District may request an extended period for the repayment by delivering a written request to the Bank no later than the Expiration Date, in which case all principal and unpaid interest shall be due and payable in semi-annual installments as described herein with all remaining principal and unpaid interest due on the third anniversary date of the applicable Purchase Date (or if such third anniversary date is not a Business Day, on the next preceding Business Day). In the event any Bank Bond is remarketed or otherwise transferred by the Bank before payment in full of the funds provided by the Bank hereunder with respect thereto, together with interest thereon at the Bank Bond Rate, the provisions of this Section 2.07 shall continue to apply to such indebtedness until all sums for all periods during which the same was a Bank Bond are paid.

The following additional provisions and conditions apply to this Third Amendment:

1. Capitalized terms used in this Third Amendment which are not otherwise defined herein shall have the meanings assigned thereto in the Agreement.
2. The effectiveness of this Third Amendment is subject to receipt by the Bank of the following:

A copy of all documents, resolutions and such other documents as the Bank may reasonably request authorizing the execution, delivery and performance of this Third Amendment.
3. Your acceptance of the terms of this Third Amendment shall be deemed your representation and warranty that (a) all the representations and warranties of the District contained in the Agreement are true and correct, (b) that no Event of Default or Default (each as defined in the Agreement) has occurred and is continuing and (c) except as specifically amended and waived hereby, all provisions of the Agreement remain in full force and effect.
4. The District acknowledges and agrees that, as of the date hereof, it does not have any claim, defense or set-off right against the Bank, or any of its shareholders, officers, directors, employees, agents, successors, assigns or affiliates, nor any claim, defense or set-off rights to the enforcement by the Bank of the full amount of the obligations under the Agreement. The District hereby expressly waives, releases, relinquishes, satisfies, acquits and discharges the Bank and its shareholders, officers, directors, employees, agents, attorneys, successors, assigns and affiliates, from any and all defenses to payment or other defenses, set-offs, claims, counterclaims, liability and causes of action, accrued or unaccrued, known or unknown, which occurred or arose on or prior to the date hereof.
5. The District shall pay the reasonable fees and expenses of counsel to the Bank. The Bank is represented by Moore & Van Allen PLLC.

6. The parties agree that the electronic signature of a party to this Third Amendment shall be as valid as an original signature of such party and shall be effective to bind such party to this Third Amendment. The parties agree that any electronically signed document (including this Amendment) shall be deemed (i) to be “written” or “in writing,” (ii) to have been signed and (iii) to constitute a record established and maintained in the ordinary course of business and an original written record when printed from electronic files. Such paper copies or “printouts”, if introduced as evidence in any judicial, arbitral, mediation or administrative proceeding, will be admissible as between the parties to the same extent and under the same conditions as other original business records created and maintained in documentary form. Neither party shall contest the admissibility of true and accurate copies of electronically signed documents on the basis of the best evidence rule or as not satisfying the business records exception to the hearsay rule. For purposes hereof, “electronic signature” means a manually signed original signature that is then transmitted by electronic means; “transmitted by electronic means” means sent in the form of a facsimile or sent via the internet as a “pdf” (portable document format) or other replicating image attached to an e mail message; and, “electronically signed document” means a document transmitted by electronic means and containing, or to which there is affixed, an electronic signature.


7. By accepting the terms of this Third Amendment, the District represents and warrants to the Bank that neither the District nor any of its affiliates is in violation of any laws relating to terrorism or money laundering (“Anti-Terrorism Laws”), including Executive Order No. 13224 on Terrorist Financing, effective September 24, 2001 (the “Executive Order”), and the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001, Title III of Pub. L. 107 56 (signed into law October 26, 2001) (the “Patriot Act”).

8. This Third Amendment and the Agreement shall be deemed to be contracts made under, and for all purposes shall be construed in accordance with the laws of the State.

[Signatures on next page.]

IN WITNESS WHEREOF, the parties hereto have caused this Third Amendment to be duly executed and delivered by their respective officers thereunto duly authorized as of May 29, 2019.

WELLS FARGO BANK, NATIONAL ASSOCIATION

By: 

Peter Skilton
Senior Vice President

METROPOLITAN SEWERAGE DISTRICT OF
BUNCOMBE COUNTY

By: _____
W. Scott Powell
Director of Finance

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

W. Scott Powell, CLGFO
Director of Finance

May 29, 2019

W. Scott Powell, CLGFO
Director of Finance
Metropolitan Sewerage District of Buncombe County
2028 Riverside Drive
Asheville, NC 28804

Re: Standby Bond Purchase Agreement dated as of June 1, 2012 between Metropolitan Sewerage District of Buncombe County, North Carolina (the “District”) and Wells Fargo Bank, National Association (the “Bank”), amended by a First Amendment to Standby Bond Purchase Agreement dated February 3, 2014 (as amended and supplemented from time to time, the “Agreement”) related to the District’s 2008A Sewerage System Revenue Refunding Bonds

Dear Scott:

This letter agreement (as amended, modified, restated, replaced, waived, substituted, supplemented or extended from time to time, the “Fee Letter”) effective July 1, 2019, is delivered to you in connection with the referenced Agreement. Capitalized terms used herein but not defined herein shall have the meanings given to such terms in the Agreement.

This is the Fee Letter referred to in the Agreement and, as such, sets forth the fees, compensation and other matters referenced in the Agreement. Accordingly, the District agrees to pay to the Bank when due the amounts set forth in this Fee Letter and agrees to the other terms and provisions contained in this Fee Letter.

For purposes of the Agreement, Commitment Rate shall have the following definition:

“Commitment Rate” means 0.40% per annum through and including June 30, 2019 and 0.36% per annum thereafter. The Commitment Rate shall be increased as described in the chart below if the debt rating assigned by the Rating Agencies to the unsecured long-term debt of the District, without regard to any third-party credit enhancement, falls to the corresponding levels specified below. Such increase shall be effective as of the Facility Fee Payment Date immediately prior to which the rating change occurs. The Commitment Rate shall be increased (cumulatively) as indicated below based on the lowest debt rating assigned to the unsecured, unenhanced long-term debt of the District specified in the schedule below:

Credit Rating (from/to) <u>Moody’s/S&P/Fitch Ratings</u>	<u>Increase to Commitment Rate</u>
Aa1/AA+/AA+ to Aa2/AA/AA	+.075%
Aa2/AA/AA to Aa3/AA-/AA-	+.075%
Aa3/AA-/AA- to A1/A+/A+	+.15%
A1/A+/A+ to A2/A/A	+.15%
A2/A/A to A3/A-/A-	+.15%
A3/A-/A- to Baa1/BBB+/BBB+	+.25%
Baa1/BBB+/BBB+ to Baa2/BBB/BBB	+.35%
Baa2/BBB/BBB to Baa3/BBB-/BBB-	+.50%

In the event ratings are assigned by all three Rating Agencies, and only two of such ratings are equivalent, the two equivalent ratings shall be used for the purpose of determining the applicable level from the above grid. In the event ratings are assigned by all three Ratings Agencies and no two such ratings are equivalent, the middle rating shall be used for the purpose of determining the applicable level from the above grid. In the event ratings are assigned by only two Ratings Agencies and such ratings are not equivalent, the lower rating shall be used for the purpose of determining the applicable level from the above grid. If one or more of the underlying ratings are withdrawn or suspended for any reason, any rating falls below investment grade, or an event of default occurs the Commitment Rate shall automatically increase to the Commitment Rate which would apply if any rating assigned to the District's parity debt is "BBB-/Baa3" plus one hundred basis points (1.00%) per annum.

All of the foregoing pricing increases shall be cumulative.

References above are to rating categories as presently determined by the rating agencies, and in the event of the adoption of any new or changed rating system or a "global" rating scale by any such rating agency, the rating categories shall be adjusted accordingly to a new rating which most closely approximates the ratings currently in effect.

Please indicate your acceptance of these amendments by signing below and by returning one original of this letter to be received by the Bank no later than June 30, 2019 by express or regular mail delivery.

WELLS FARGO BANK, N.A.



Peter Skilton
Senior Vice President

METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY

By: _____
W. Scott Powell
Director of Finance

Date: _____

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: June 12, 2019
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 April 30, 2019

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 April 30, 2019 were \$76,663,645. The detailed listing of accounts is available upon request. The average rate of return for all investments is 2.231%. 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 April 30, 2019 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of April 30, 2019 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$52,266,387.

Total Cash & Investments as of 04/30/2019		76,663,645
<i>Less:</i>		
Budgeted Commitments (Required to pay remaining FY19 budgeted expenditures from unrestricted cash)		
Construction Funds	(7,411,038)	
Operations & Maintenance Fund	<u>(3,974,973)</u>	
		(11,386,011)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(71,789)	
FY19 Principal & Interest Due	<u>(6,992,376)</u>	
		(7,064,165)
District Reserve Funds		
Fleet Replacement	(628,952)	
Pump Replacement	(205,431)	
WWTP Replacement	(257,987)	
Maintenance Reserve	<u>(986,350)</u>	
		(2,078,720)
District Insurance Funds		
General Liability	(217,504)	
Worker's Compensation	(417,499)	
Post-Retirement Benefit	(1,835,354)	
Self-Funded Employee Medical	<u>(1,398,005)</u>	
		<u>(3,868,362)</u>
Designated for Capital Outlay		<u>52,266,387</u>

Meeting Date: June 12, 2019

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2019

Page 2

Staff Recommendation

None - Information Only.

Action Taken

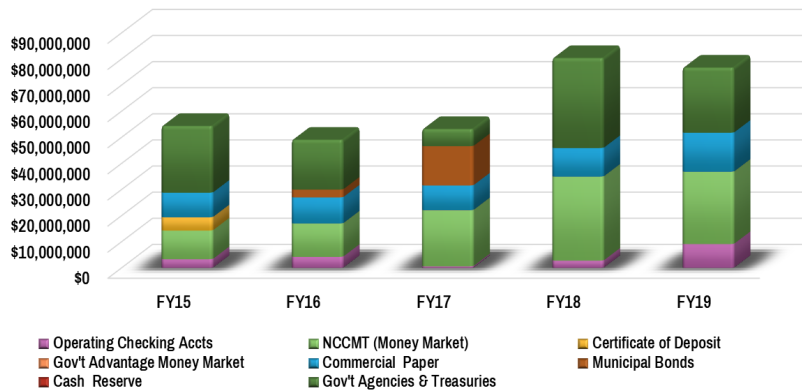
Motion by: _____ to Approve Disapprove
Second by: _____ Table Send to Committee
Other: _____
Follow-up required: _____
Person responsible: _____ Deadline: _____

Metropolitan Sewerage District of Buncombe County Investment Portfolio

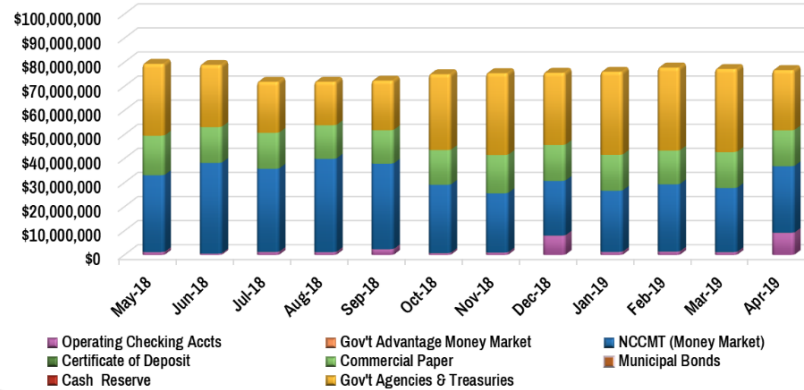
	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 71,789	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 71,789
Held by MSD	9,139,288	46,682	27,574,469	-	14,950,529	-	-	24,880,888	76,591,856
	\$ 9,139,288	\$ 46,682	\$ 27,646,258	\$ -	\$ 14,950,529	\$ -	\$ -	\$ 24,880,888	\$ 76,663,645

Investment Policy Asset Allocation	Maximum Percent	Actual Percent	
U.S. Government Treasuries,			
Agencies and Instrumentalities	100%	32.45%	No significant changes in the investment portfolio as to makeup or total amount.
Bankers' Acceptances	20%	0.00%	
Certificates of Deposit	100%	0.00%	The District 's YTM of 2.48% is exceeding the YTM benchmark of the NCCMT Government Portfolio.
Commercial Paper	20%	19.51%	
Municipal Bonds	100%	0.00%	
North Carolina Capital Management Trust	100%	36.06%	
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		11.92%	
Gov't Advantage Money Market		0.06%	

**MSD of Buncombe County
Investment Portfolio - As of April 30, 2019**



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



Meeting Date: June 12, 2019

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2019

Page 4

**Metropolitan Sewerage District
INVESTMENT MANAGERS' REPORT
At April 30, 2019**

Summary of Asset Transactions

	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 73,279,182	\$ 73,222,399	\$ 217,919
Capital Contributed (Withdrawn)	(8,883,475)	(8,883,475)	
Realized Income	191,476	191,476	(144,286)
Unrealized/Accrued Income		202,458	34,197
Ending Balance	<u>\$ 64,587,183</u>	<u>\$ 64,732,858</u>	<u>\$ 107,831</u>

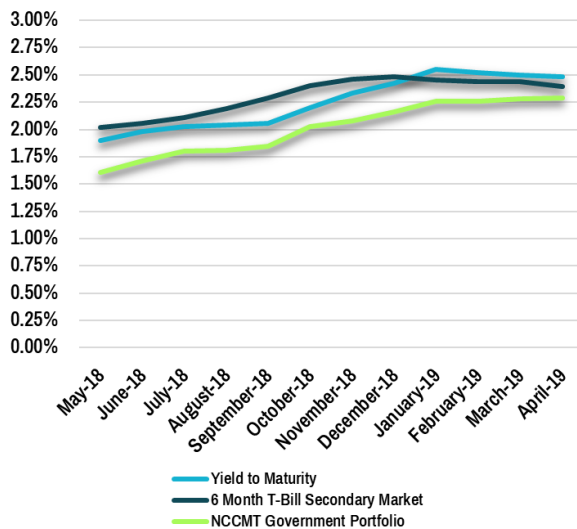
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 39,719,527	\$ 174,558
Securities/CD's 91 to 365 Days	12,436,536	54,656
Securities/CD's > 1 Year	12,431,120	54,632
	<u>\$ 64,587,183</u>	<u>\$ 283,845</u>

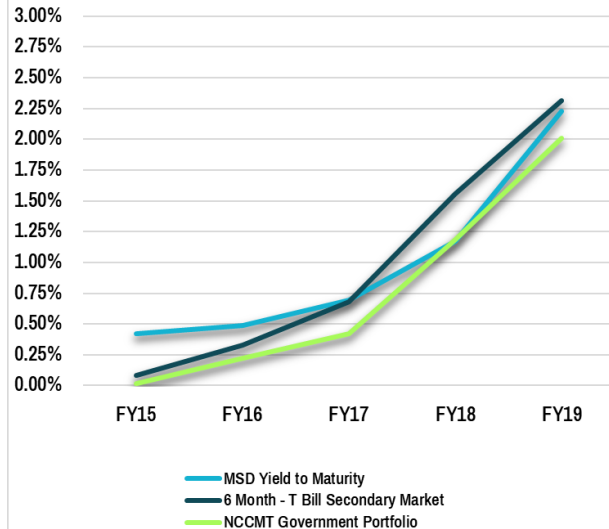
Month End Portfolio Information

Weighted Average Maturity	140
Yield to Maturity	2.48%
6 Month T-Bill Secondary Market	2.39%
NCCMT Government Portfolio	2.29%

**Metropolitan Sewerage District
Yield Comparison - April 30, 2019**



**Metropolitan Sewerage District
Annual Yield Comparison**

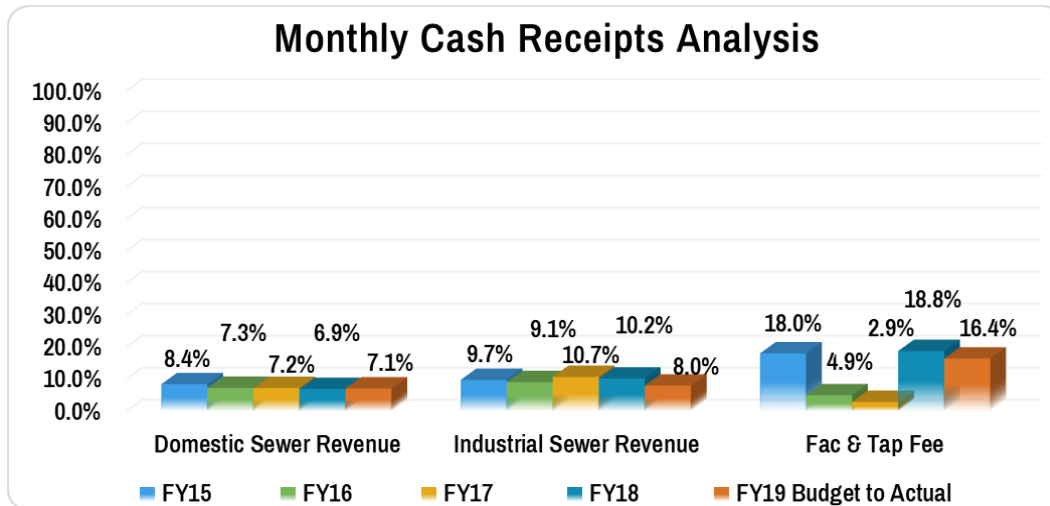


Meeting Date: June 12, 2019

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2019

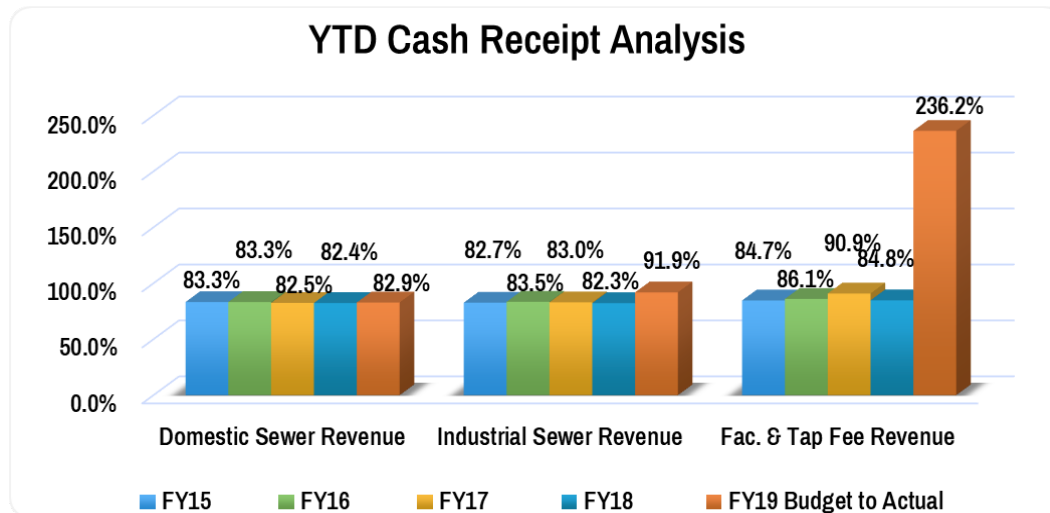
Page 5

Metropolitan Sewerage District
ANALYSIS OF CASH RECEIPTS
As of April 30, 2019



Monthly Cash Receipts Analysis:

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



YTD Actual Revenue Analysis:

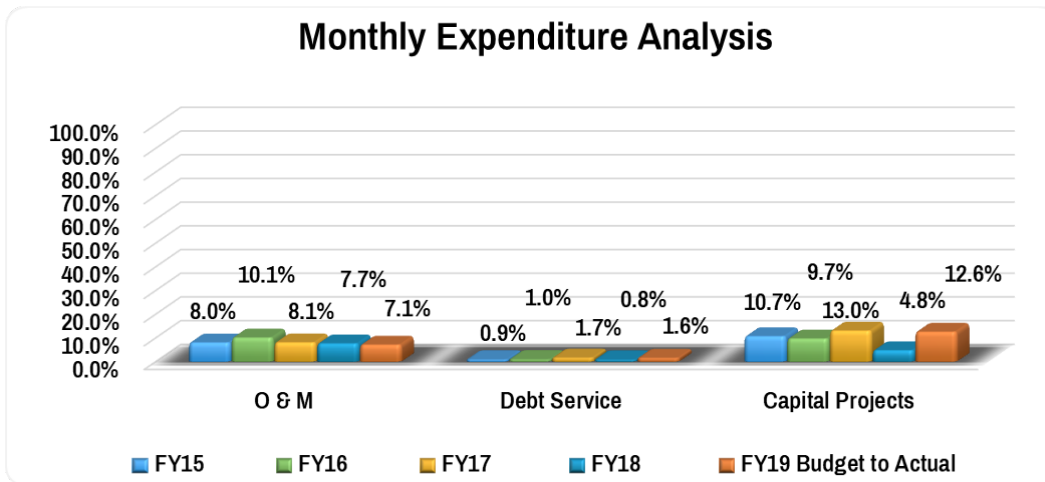
- t YTD domestic sewer revenue is considered reasonable based on historical trends.
- t YTD industrial sewer revenue is reasonable based on historical trends.
- t Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

Meeting Date: June 12, 2019

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2019

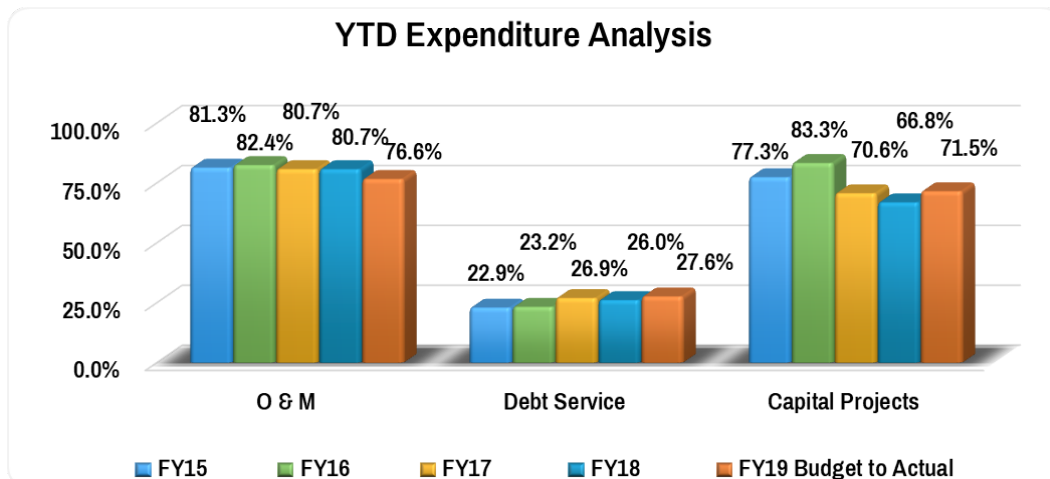
Page 6

Metropolitan Sewerage District
ANALYSIS OF EXPENDITURES
As of April 30, 2019



Monthly Expenditure Analysis:

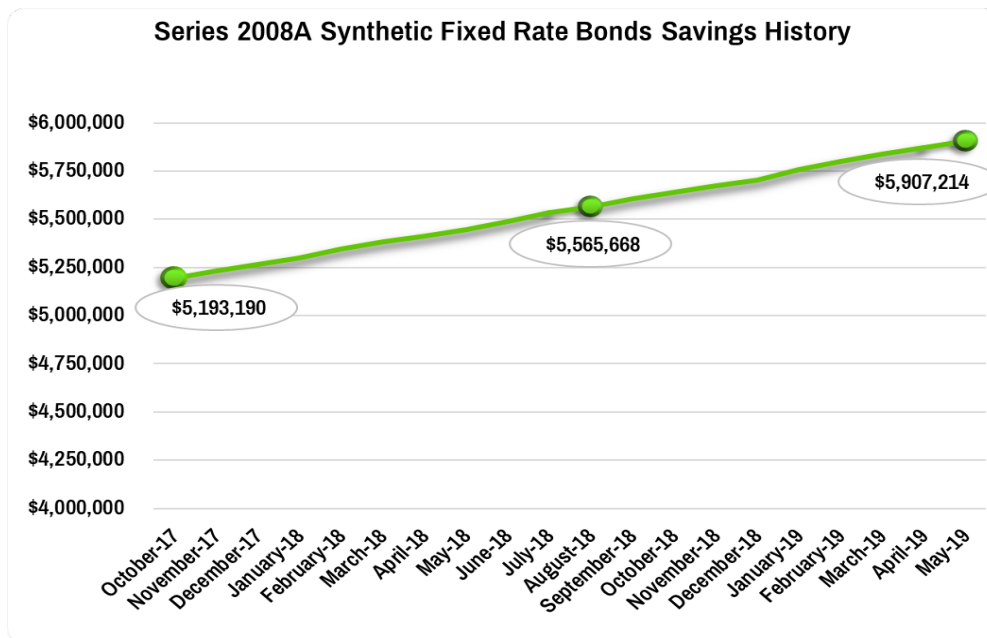
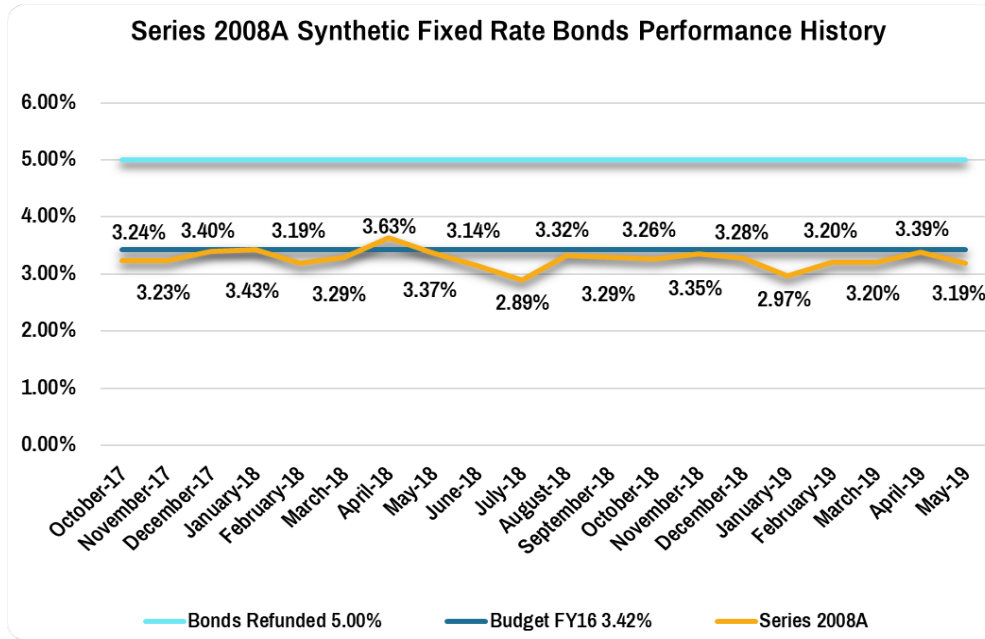
- ✘ Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- ✘ Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures 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 May 31, 2019



Series 2008A:

- ☀ Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$5,907,214 as compared to 4/1/2008 fixed rate of 4.85%.
- ☀ Assuming 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 \$2,989,526 to terminate the existing Bank of America Swap Agreement.

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

Meeting Date: June 12, 2019

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

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

Reviewed By: Billy Clarke, Legal Counsel

Subject: Consideration of the Resolution Adopting the Budget for FY 2019-2020 and the Schedule of Sewer Rates & Fees

Background

The District Budget process must comply with North Carolina General Statutes and the MSD Revenue Bond Order. The Bond order requires that the District adopt its final budget on or before June 15 of each year. The North Carolina General Statutes required that an annual balanced budget ordinance, based upon expected revenues, along with a budget message, to be presented to the governing board no later than June 1 of each year.

The Finance Committee met in May and unanimously approved staff's recommendation to forward to the Board for approval the FY2019-2020 Preliminary Budget Document, proposed Budget Resolution, and Schedule of Rates, Fees, and Charges. On May 15th, the Board approved staff's recommendations.

Recommendation

There have been no changes to the proposed Final Budget, Budget Resolution, and Schedule of Rates, Fees, and Charges. Staff recommends approval of the [FY 2019-2020 Budget Document](#) along with the attached Budget Resolution, and Schedule of Rates, Fees, and Charges.

Action Taken

Motion by:

Second by:

Other:

Follow-up Required:

to

Approve

Table

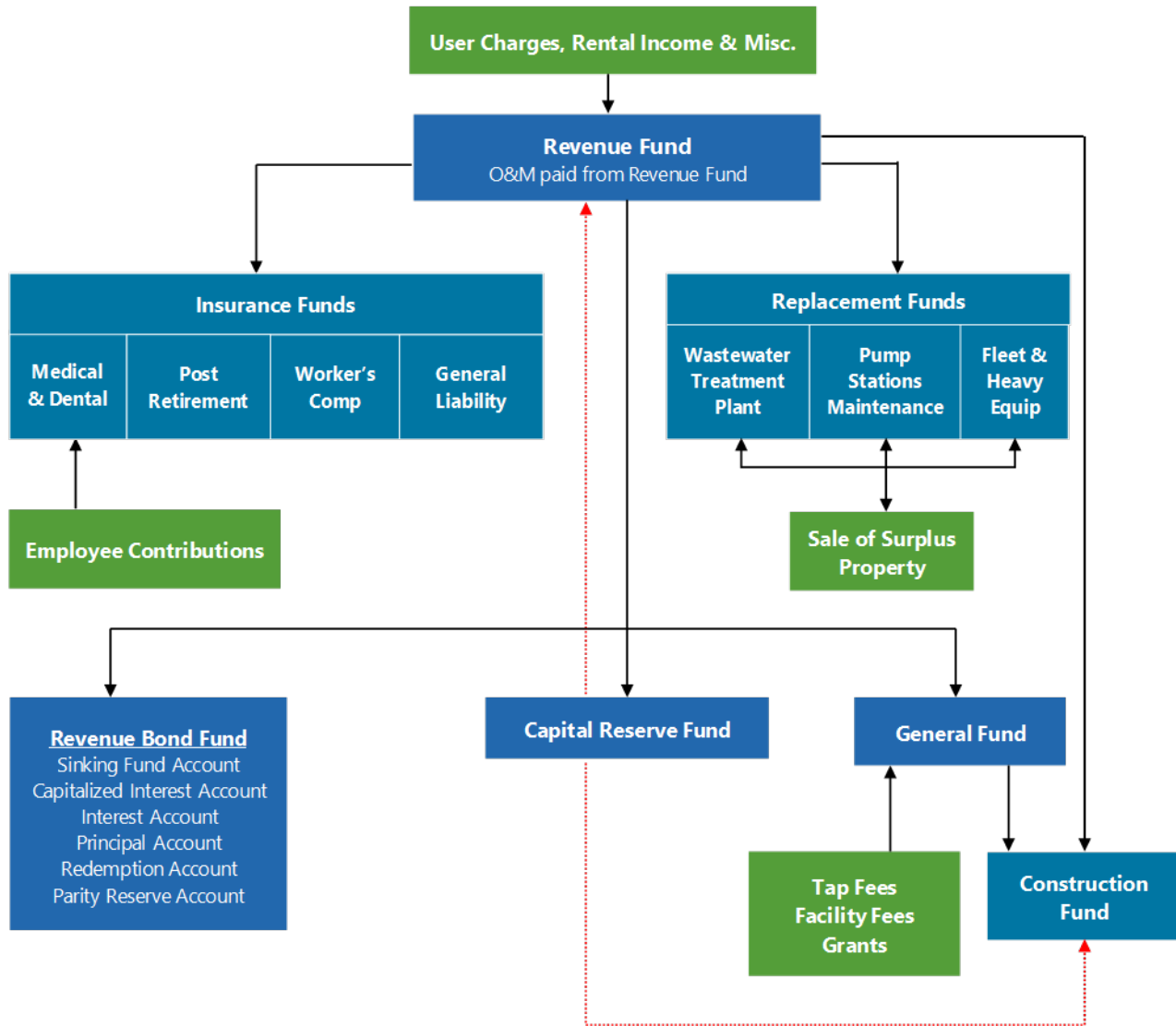
Person Required:

Disapprove

Send to Committee

Deadline:

Flow of Funds Chart



Priority of expenditures per Bond Order

1. Current Expenditures
2. Debt Service
3. Capital Reserve
4. Any Lawful Purpose

 Income Sources

 Trustee Funds

 Expenditures

 Flow of Funding

 Flow of Funding if required for emergency repairs or maintenance

Budget Resolution

**Resolution Adopting Final Budget and Sewer Use Charges
For The
Metropolitan Sewerage District
of Buncombe County, North Carolina
For the Fiscal Year July 1, 2019 Thru June 30, 2020**

WHEREAS, the Board of Directors has reviewed the Operations and Maintenance, Bond, Reserves, Construction Expenditures of the District, and the sources of revenue and allocations (uses) of expenditures for the 2019-2020 fiscal year; and

NOW, THEREFORE, BE IT RESOLVED:

1. The following amounts are hereby appropriated in the Revenue Fund for the Operations and Maintenance of the District and for transfers to the Debt Service, General Fund, and Insurance Funds for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Operating and Maintenance Expenses	\$ 13,362,483
Transfer to Insurance Accounts	\$ 3,430,921
Transfer to Fleet & Heavy Equipment Fund	\$ 500,000
Transfer to Wastewater Treatment Plant Fund	\$ 200,000
Transfer to Pump Stations Reserve	<u>\$ 50,000</u>
Subtotal O&M	\$ 17,543,404
Transfer to General Fund	\$ 22,692,000
	<u>\$ 9,834,367</u>
Transfer to Debt Service Fund	<u>\$ 50,069,771</u>

It is estimated that the following revenues will be available in the Revenue Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Domestic User Fees	\$ 33,623,113
Industrial User Fees	\$ 3,464,402
Billing and Collection Fees	\$ 832,994
Investment Interest	\$ 1,166,960
Reimbursement for Debt Service from COA	\$ 35,000
Rental Income	\$ 71,641
Appropriated from Net Position	<u>\$ 10,875,661</u>
	<u>\$ 50,069,771</u>

2. The following amounts are hereby appropriated in the General Fund for the transfers to the Construction Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer into Construction	<u>\$ 29,366,000</u>
----------------------------	----------------------

It is estimated that the following revenues will be available in the General Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Facility and Tap Fees	\$ 2,175,000
Investment Income	\$ 240,000
Transfer in from Revenue Fund	\$ 22,692,000
Appropriated Net Position	<u>\$ 4,259,000</u>
	<u>\$ 29,366,000</u>

3. The following amounts are hereby appropriated in the Construction Fund for Capital Improvement Plan expenditures for the fiscal year beginning July 1, 2019 and ending June 30, 2020.

Capital Improvements Projects	<u>\$ 29,894,818</u>
-------------------------------	----------------------

It is estimated that the following revenues will be available to the Construction Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020.

Investment Income	\$ 30,000
Transfer in from General Fund	\$ 29,366,000
Appropriated Net Position	<u>\$ 498,818</u>
	<u>\$ 29,894,818</u>

4. The following amounts are presented as the financial plan of the Insurance Funds that are used to provide insurance services. Estimated operating expenditures for the fiscal year beginning July 1, 2019 and ending June 30, 2020 are:

Operating Expenditures	<u>\$ 3,696,178</u>
------------------------	---------------------

It is estimated that the following revenues will be available in the Insurance Funds for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer in from Revenue Fund	\$ 3,430,821
Investment Income	\$ 55,500
Employee/Retirees Medical Contributions	\$ 374,907
Contribution to Net Position	<u>\$ (165,150)</u>
	<u>\$ 3,696,178</u>

5. The following amounts are presented as the financial plan of the Fleet & Heavy Equipment Fund designated for capital equipment expenditures for the fiscal year beginning July 1, 2019 and ending June 30, 2020 estimated as follows:

Capital Equipment	<u>\$ 557,000</u>
-------------------	-------------------

It is estimated that the following revenues will be available in the Fleet & Heavy Equipment Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer from the Revenue Fund	\$ 500,000
Sale of Surplus Property	\$ 66,840
Investment Income	\$ 12,050
Contribution to Net Position	<u>\$ (21,890)</u>
	<u>\$ 557,000</u>

6. The following amounts are presented as the financial plan of the Wastewater Treatment Plant Replacement Fund designated for wastewater treatment plant capital expenditures for the fiscal year beginning July 1, 2019 and ending June 30, 2020 estimated as follows:

Capital Equipment	<u>\$ 298,000</u>
-------------------	-------------------

It is estimated that the following revenues will be available in the Wastewater Treatment Plant Replacement Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer from the Revenue Fund	\$ 200,000
Investment Income	\$ 5,258
Appropriated from Net Position	<u>\$ 92,742</u>
	<u>\$ 298,000</u>

7. The following amounts are presented as the financial plan in the Pump Station Replacement Fund designated for pump capital expenditures for the fiscal year beginning July 1, 2019 and ending June 30, 2020 estimated as follows:

Capital Equipment	<u>\$ 60,000</u>
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It is estimated that the following revenues will be available in the Pump Station Replacement Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer from the Revenue Fund	\$ 50,000
Investment Income	\$ 3,516
Appropriated from Net Position	<u>\$ 6,484</u>
	<u>\$ 60,000</u>

8. The following amounts are hereby appropriated in the Debt Service Fund for principal and interest payments for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Debt Service	<u>\$ 9,834,367</u>
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It is estimated that the following revenues will be available in the Debt Service Fund for the fiscal year beginning July 1, 2019 and ending June 30, 2020:

Transfer from the Revenue Fund	\$ 9,834,367
Investment Income	\$ 1,500
Contribution to Net Position	<u>\$ (1,500)</u>
	<u>\$ 9,834,367</u>

9. That the Board of the Metropolitan Sewerage District does hereby approve an increase in the Budgets to the amount necessary to reflect any contributions to the Debt Service Reserve Fund or Capital Reserve Fund as determined by the Bond Trustee to be necessary to comply with covenants in the Bond Order.
10. The General Manager is hereby authorized to transfer appropriations as contained herein under the following conditions:
- a. He may transfer amounts without limitation between departments in a fund.
 - b. He may transfer any amounts within Debt Service and Reserve Funds designated as excess by the Trustee into another fund.
 - c. He may transfer up to 10% of Insurance Fund reserves to meet current year expenditures in excess of budget.
11. That the attached Schedule of Fees and Charges be adopted as effective July 1, 2019.
12. That this resolution shall be entered in the minutes of the District and within five (5) days after its adoption, copies thereof are ordered to be filed with the Finance and Budget Officer and Secretary of the Board as required by G.S. 159-13 (d).

Adopted this 12th day of June 2019

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

Attest:

Jackie W. Bryson
Secretary/Treasurer

Schedule of Rates, Fees, and Charges - FY2020

Effective July 1, 2019

	CURRENT FY19 RATE	PROPOSED FY20 RATE
Rate increase		2.5%
Collection Treatment Charge		
Residential & Commercial Volume Charges (per CCF) Inside	\$ 4.61	\$ 4.73
Industrial Volume Charges (per CCF) Inside	\$ 4.47	\$ 4.58
Industrial Surcharge for BOD (per lb., BOD >250 mg/l) Inside	\$ 0.307	\$ 0.300
Industrial Surcharge for TSS (per lb., TSS >250 mg/l) Inside	\$ 0.253	\$ 0.250
Residential & Commercial Volume Charges (per CCF) Outside	\$ 4.62	\$ 4.74
Industrial Volume Charges (per CCF) Outside	\$ 4.48	\$ 4.59
Industrial Surcharge for BOD (per lb., BOD >250 mg/l) Outside	\$ 0.307	\$ 0.300
Industrial Surcharge for TSS (per lb., TSS >250 mg/l) Outside	\$ 0.253	\$ 0.250
Base Meter/Maintenance Charge & Billing Fee		
5/8"	\$ 7.11	\$ 7.29
3/4"	\$ 10.35	\$ 10.61
1"	\$ 18.37	\$ 18.83
1 1/2"	\$ 42.04	\$ 43.09
2"	\$ 74.34	\$ 76.20
3"	\$ 164.87	\$ 168.99
4"	\$ 294.21	\$ 301.57
6"	\$ 662.77	\$ 679.34
8"	\$ 1,176.82	\$ 1,206.24
10"	\$ 1,842.84	\$ 1,888.91
Billing Fee (per bill)	\$ 2.40	\$ 2.45
Sewer System Development Fees		
This impact fee is for allotted capacity in the treatment and transmission system. A differential fee will be charged for increases to an existing meter size.		
Residential		
Per Unit	\$ 2,836.00	\$ 2,836.00
Multifamily Unit	\$ 1,900.00	\$ 1,900.00
Affordable Housing	\$ 670.00	\$ 670.00

Schedule of Rates, Fees, and Charges - FY2020

Effective July 1, 2019

continued

	CURRENT FY19 RATE	PROPOSED FY20 RATE
Sewer System Development Fees (continued)		
Nonresidential		
5/8"	\$ 2,836.00	\$ 2,836.00
3/4"	\$ 4,254.00	\$ 4,254.00
1"	\$ 7,090.00	\$ 7,090.00
1 1/2"	\$ 14,180.00	\$ 14,180.00
2"	\$ 22,688.00	\$ 22,688.00
3"	\$ 45,376.00	\$ 45,376.00
4"	\$ 70,900.00	\$ 70,900.00
6"	\$ 141,800.00	\$ 141,800.00
8"	\$ 226,800.00	\$ 226,800.00
10"	\$ 595,560.00	\$ 595,560.00
12"	\$ 751,540.00	\$ 751,540.00
Sewer Connection Fees**		
This fee is to provide new or re-establish existing service connections to the MSD system.		
Sewer Connection by MSD	\$ 1,300.00	\$ 1,300.00
Pavement Disturbance and Boring Fee	\$ 2,300.00	\$ 2,300.00
Inspection Fee for Developer (or Utility Contractor) Installed Sewer Connection	\$ 140.00	\$ 140.00
<p>**The Sewer Connection Fee will apply to all new construction, as well as existing structures which have been demolished/rebuilt and sewer service is reinstated under new property ownership. MSD reserves the right to require that a licensed utility contractor install any sewer connection/service line. Sewer service lines within public rights-of-way between 75 and 300 feet shall be constructed by a licensed utility contractor to MSD Standards. All work will be subject to MSD inspection.</p>		
Manhole Installation/Replacement		
Cost per foot	\$ 250.00	\$ 250.00
Pavement replacement (if required)	\$ 1,800.00	\$ 1,800.00

Schedule of Rates, Fees, and Charges - FY2020

Effective July 1, 2019

continued

	CURRENT FY19 RATE	PROPOSED FY20 RATE
Other Fees		
Allocation Fee	\$ 170.00	\$ 170.00
Non-Discharge Permit	\$ 200.00	\$ 200.00
Plan Review Fee	\$ 450.00	\$ 450.00
Plan re-review Fee	\$ 350.00	\$ 350.00
Pump Station Acceptance Fee	Note 1	Note 1
Note 1--See policy for details of computation of O&M and equipment replacement costs for upcoming 20 years; 50% discount for affordable housing		
Bulk Charges		
Volume Charge for Septic Haulers (per 1,000 Gal.)	\$ 45.00	\$ 45.00
Biochemical Oxygen Demand >250 mg/l (per lb.)	\$ 0.307	\$ 0.300
Total Suspended Solids >250 mg/l (per lb.)	\$ 0.253	\$ 0.250
Returned Check Charge		
Returned Check (per event)	\$ 25.00	\$ 25.00
Dishonored Draft (per event)	\$ 25.00	\$ 25.00
Copy/Printing Fees/Miscellaneous (each)		
8x11 first print of standard GIS inquiry	\$ 1.00	\$ 1.00
8x14 first print of standard GIS inquiry	\$ 1.00	\$ 1.00
11x17 first print of standard GIS inquiry	\$ 2.00	\$ 2.00
24x36 first print of standard GIS inquiry	\$ 7.00	\$ 7.00
34x44 first print of standard GIS inquiry	\$ 12.00	\$ 12.00
36x48 first print of standard GIS inquiry	\$ 14.00	\$ 14.00
8x11 or 8x14 copies after first print	\$ 0.11	\$ 0.11
11x17 copies after first print	\$ 0.20	\$ 0.20
24x36 copies after first print	\$ 0.94	\$ 0.94
34x44 copies after first print	\$ 1.76	\$ 1.76
36x48 copies after first print	\$ 2.03	\$ 2.03
Foam Core mounting per sq. foot	\$ 3.00	\$ 3.00
Data CD	\$ 30.00	\$ 30.00
Shipping for CD	\$ 5.00	\$ 5.00
Permit Decals for Septic Haulers	\$ 50.00	\$ 50.00

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 Section 1	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
Emergency Weaverville #2 FM Repair Section 2	Woodfin	28804	330	8/4/18-8/5/18	254896	674	8/5/2018	321	Complete
3 Cliffridge Parkway Emergency Replacement	Avery's Creek	28704	80	8/7/2018	477071	608	8/7/2018	80	Complete
56 Fairway Drive Sewer Rehabilitation	Asheville	28805	451	7/17/18 - 8/31/18	240884	674	8/13/2018	452	Complete
Livingston Street at Erskine Sewer Rehabilitation	Asheville	28801	710	7/19/18 - 8/31/18	247502	631	8/15/2018	720	Complete
Myrtle Street Sewer Rehabilitation	Arden	28704	410	8/14/18 - 8/29/18	251129	674	8/29/2018	372	Complete
105 Midland Ave Sewer Rehabilitation	Black Mountain	28711	810	8/16/18 - 9/28/18	242836	631	9/12/2018	825	Complete
12 Melody Lane Sewer Replacement	Asheville	28803	215	9-24-18 - 9-26-18	256028	631	9/26/2018	216	Complete
110 Beaver Drive	Woodfin	28804	425	9/3/18-9/28/18	210211	674	9/28/2018	492	Complete
14 Shiloh Road Sewer Replacement	Asheville	28803	145	10/1/18 - 10/7/18	256024	631	10/3/2018	145	Complete
51 Hillcrest Road Sewer Replacement	Woodfin	28804	1320	10/7/18 - 11/7/18	255110	631	10/31/2018	1270	Complete
2229 Riverside Drive FM Repair Section 3	Woodfin	28804	182	11/16/2018	257443	631	11/16/2018	182	Complete
Blue Ridge Assembly Drive Sewer Replacement	Black Mountain	28711	250	10/29/18 - 11/9/18	256869	674	11/26/2018	287	Complete
Kanawha Drive GSR	Montreat	28757	495	11/1/18 - 12/1/18	255722	674	11/30/2018	332	Complete
38 Dunsmore Avenue	Black Mountain	28711	260	12/2/18 - 12/18/18	237426	674	12/18/2018	236	Complete
32 Klondyke Avenue Sewer Rehabilitation	Asheville	28801	1165	11/17/18 - 1/2/18	257226	631	12/28/2018	1216	Complete
28 Roebing Circle Sewer Rehabilitation	Asheville	28803	600	12/27/18 - 1/ 15/19	256370	674	1/18/2019	646	Complete
217 Mountain View Road Sewer Rehabilitation Ph. 1	Asheville	28805	979	1/2/19 - 2/1/19	257484	631	1/31/2019	752	Complete
70 Hampton Street Sewer Replacement	Asheville	28803	273	2/1/19 - 2/10/19	256291	631	2/8/2019	253	Complete
Laurel Road Phase 2B	Arden	28704	800	2/11/19 - 3/15/19	250366	631	3/19/2019	907	Complete
26 Wilshire Drive Phase I Sewer Rehabilitation	Asheville	28806	1478	2/1/19 - 3/15/19	235158	674	3/25/2019	1477	Complete
Weaverville #2 FM By-pass	Woodfin	28804	2300	3/20/19 - 4/15/19	258476	631	4/16/2019	2700	Complete
26 Wilshire Drive Phase II and III Sewer Rehabilitation	West Asheville	28806	384	3/26/19 - 4/15/19	259181/260381	674	4/18/2019	571	Complete
15 Dew Waite Road	Ridgecrest	28770	533	4/16/19 - 5/16/19	236553	631	4/29/2019	504	Complete
6 Dale Street	Asheville	28806	130	5/20/19 - 5/25/19	257417	631	5/22/2019	130	Complete
Waightstill Mtn FM Replacement	Arden	28704	3,700	5/2/19 - 6/21/19	235481	674			Construction 50% complete
Saint Johns Street Force Main Replacement	Arden	28704	1040	6/10/19-7/31/19	238516	631			Construction set to begin
Waynesville Avenue at Brownwood	Asheville	28806	798	6/24/19 - 7/31/19	247283	TBA			Ready for Construction



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2018 to 4/30/2019

	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 2018	27	8	99	986	23	39	4,335	0	321	660	19	412	1393
August 2018	25	8	104	1,238	24	41	17,360	0	677	968	12	576	2221
September 2018	23	8	171	974	21	36	470	0	216	1317	11	0	1533
October 2018	37	9	256	601	46	27	2,630	0	205	916	9	507	1628
November 2018	24	15	54	416	16	8	2,377	0	514	287	2	0	801
December 2018	23	7	41	578	20	15	1,220	0	0	1452	10	0	1452
January 2019	23	13	105	539	19	15	1,340	0	68	1400	8	0	1468
February 2019	38	20	120	1,033	5	25	80	0	192	253	2	0	445
March 2019	40	9	136	1,107	22	34	624	0	0	2206	27	178	2384
April 2019	35	15	85	852	39	28	6,091	0	0	3775	6	0	3775
Grand Totals	295	112	1,170	8,324	235	268	36,527	0	2193	13234	106	1,673	17100

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2018 to April 30, 2019

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2018							
July	78,545	1,208	693	79,238	23,634	0	1,683
August	67,431	1,082	1,765	69,196	35,905	35,328	23,056
September	61,707	856	8,164	69,871	17,818	300	12,942
October	94,807	1,141	11,984	106,791	19,250	10,504	4,765
November	85,234	1,974	8,074	93,308	14,766	24,371	3,595
December	47,029	1,200	2,758	49,787	16,156	38,524	0
2019							
January	88,137	2,254	6,458	94,595	14,037	28,090	20,459
February	67,560	2,788	6,961	74,521	15,221	500	3,631
March	60,919	2,593	8,146	69,065	19,758	2,300	5,960
April	97,853	1,695	7,314	105,167	20,464	5,051	20,776
Grand Total:	749,222	16,791	62,317	811,539	197,008	144,968	96,867
Avg Per Month:	74,922	1,679	6,232	81,154	19,701	14,497	9,687



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2018	97	20	35
	August, 2018	127	28	30
	September, 2018	75	21	40
	October, 2018	94	25	35
	November, 2018	76	28	35
	December, 2018	117	30	41
	January, 2019	107	28	42
	February, 2019	118	31	36
	March, 2019	135	23	35
	April, 2019	143	29	35
		1,089	27	36
NIGHT 1ST RESPONDER				
	July, 2018	11	17	25
	August, 2018	19	15	23
	September, 2018	13	21	20
	October, 2018	20	28	22
	November, 2018	20	29	33
	December, 2018	12	22	25
	January, 2019	23	28	27
	February, 2019	18	22	25
	March, 2019	19	29	18
	April, 2019	24	29	34
		179	25	26
ON-CALL CREW *				
	July, 2018	44	46	54
	August, 2018	37	41	40
	September, 2018	31	34	44
	October, 2018	38	51	38
	November, 2018	42	58	53
	December, 2018	49	39	30

* 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 *				
	January, 2019	59	41	31
	February, 2019	48	52	36
	March, 2019	51	41	50
	April, 2019	69	49	35
		468	45	40
Grand Totals:		1,736	31	36

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

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

June 5, 2019

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
AVERY CREEK PUMP STATION IMPROVEMENTS	Arden 28704	NHM Constructors	11/21/2018	5/2/2019	8/2/2019	\$532,674.25	5%	Contractor is working on access road and installing bypass connection. Subcontractor is installing conduit. The generator and equipment racks have been installed.
BEAUCATCHER ROAD @ KENILWORTH ROAD	Asheville 28805	Terry Brothers Construction Company	1/16/2019	6/24/2019	10/22/2019	\$171,908.00	0%	No work has started yet. Contractor on another MSD project.
DRY RIDGE ROAD (4-INCH MAIN)	Asheville 28804	Buckeye Bridge, LLC	9/19/2018	11/12/2018	6/28/2019	\$295,402.09	99%	Contractor working on minor punchlist items
KENILWORTH ROAD @ SPRINGDALE ROAD	Asheville 28805	Terry Brothers Construction Company	1/16/2019	6/24/2019	10/22/2019	\$252,324.00	0%	No work has started yet. Contractor on another MSD project.
MEMORY LANE	Asheville 28805	Terry Brothers Construction Company	6/13/2018	10/1/2018	6/28/2019	\$652,274.80	98%	Paving complete. Final inspection is being scheduled.
OLD HAW CREEK ROAD @ GREENBRIAR ROAD	Asheville 28805	Terry Brothers Construction Company	1/16/2019	4/15/2019	10/12/2019	\$821,552.00	35%	Construction is progressing well.
OLD WEST CHAPEL ROAD	Asheville 28803	Terry Brothers Construction Company	11/21/2018	1/10/2019	6/28/2019	\$982,155.00	95%	Paving is being scheduled.
WRF - PLANT HEADWORKS IMPROVEMENTS	Woodfin	Judy Construction Company	1/18/2017	4/3/2017	6/28/2019	\$9,618,319.66	98%	Crew is working on curbing and restoration.
WRF- PLANT HIGH RATE PRIMARY TREATMENT	Woodfin	Shook Construction Company	10/17/2018	1/7/2019	10/28/2020	\$15,071,000.00	10%	Potable water, non-potable water, and gas line construction complete. Prep work underway for next phase of construction.

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

Planning & Development Project Status Report

Active Construction Projects Sorted by Work Location and Project Number

June 2, 2019

#	Project Name	Project Number	Work Location	Zip Code	Units	LF	Pre-Construction Conference Date	Comments
1	First Baptist Relocation	2015032	Asheville	28801	Comm.	333	7/21/2015	Final Inspection complete, awaiting close-out docs
2	8 Sulphur Springs Road	2015116	Asheville	28806	6	80	11/22/2016	Final Inspection complete, awaiting close-out docs
3	Towne Place Suites	2016012	Asheville	28801	83	342	9/11/2018	Installing
4	88 Southside Ave Phase 2	2016015	Asheville	28801	18	400	2/21/2017	Phase 2 not yet started
5	Hounds Ear (Mears Ave Cottages)	2016123	Asheville	28806	18	402	8/18/2017	Pre-con held, construction not yet started
6	Lausch Subdivision	2016153	Asheville	28805	4	248	5/16/2017	Waiting on final inspection
7	Hawthorne at Mills Gap	2016222	Asheville	28803	272	442	10/3/2017	Waiting on final inspection
8	Ashecroft	2016229	Asheville	28806	40	2,450	2/20/2018	Phase 1 - Final complete, awaiting close-out docs / Phase 2 - on hold
9	Gerber Road Storage	2017049	Asheville	28803	Comm.	156	2/9/2018	Waiting on final inspection
10	RADTIP	2017052	Asheville	28801	0	919	2/13/2018	Installing
11	Rock Hill Road	2017096	Asheville	28803	15	990	7/24/2018	Waiting on final inspection
12	Villa Heights	2017118	Asheville	28806	8	540	2/20/2018	Final Inspection complete, awaiting close-out docs
13	McCormick Place	2017150	Asheville	28801	17	210	8/3/2018	Waiting on final inspection
14	Wanoca Cottages	2017214	Asheville	29903	15	378	3/26/2019	Waiting on final inspection
15	Hawthorne Apartments @ Haywood	2017225	Asheville	28806	240	1,604	10/19/2018	Testing
16	17 N. Market Street	2017238	Asheville	28801	16	256	5/10/2019	Pre-con held, construction not yet started
17	Fernwood Avenue	2017251	Asheville	28806	3	368	10/30/2018	Waiting on final inspection
18	US 74 Commercial Development	2018010	Asheville	28803	4	265	5/25/2018	Pre-con held, construction not yet started
19	Sunrise Drive Homes	2018046	Asheville	28806	5	220	7/20/2018	Waiting on final inspection
20	Alice Place Subdivision	2018066	Asheville	28803	19	480	6/19/2018	Punchlist pending
21	Oakview Park Road	2018072	Asheville	28803	3	230	1/29/2019	Pre-con held, construction not yet started
22	Old Haywood Subdivision Phase 1	2018073	Asheville	28806	79	1,770	3/19/2019	Pre-con held, construction not yet started
23	Ingles Smokey Park Highway	2018074	Asheville	28806	1	1,289	4/11/2014	Final Inspection complete, awaiting close-out docs
24	Fern Street	2018081	Asheville	28803	8	60	2/15/2019	Testing
25	Cypress Knoll Gardens	2018121	Asheville	28803	7	90	10/30/2018	Final Inspection complete, awaiting close-out docs
26	Le An Hurst Road	2018127	Asheville	28803	5	245	3/22/2019	Final Inspection complete, awaiting close-out docs
27	Tru by Hilton	2018131	Asheville	28805	1	248	1/25/2019	Pre-con held, construction not yet started
28	Grove Park Views	2018239	Asheville	28801	7	150	2/19/2019	Waiting on final inspection
29	West Keesler Avenue	2007176	Black Mountain	28711	6	410	11/15/2016	Final Inspection complete, awaiting close-out docs
30	808 Montreat Road	2015126	Black Mountain	28711	4	371	4/18/2017	Final Inspection complete, awaiting close-out docs
31	Avadim	2017001	Black Mountain	28711	Comm.	2,286	1/11/2019	Installing
32	Sweet Birch Lane	2017111	Black Mountain	28711	65	780	9/28/2018	Final Inspection complete, awaiting close-out docs
33	Chapman's Cove	2017227	Black Mountain	28711	10	430	9/21/2018	Waiting on final inspection
34	White Oak Circle	2018197	Black Mountain	28711	4	330	10/30/2018	Installing
35	402 Blue Ridge Road	2018206	Black Mountain	28711	6	372	2/5/2019	Pre-con held, construction not yet started
36	Hyde Park Phase 2	2013058	Buncombe Co.	28704	14	500	12/3/2013	Waiting on final inspection
37	Creekside Cottages	2014095	Buncombe Co.	28704	7	504	3/12/2015	Waiting on final inspection
38	Avondale Subdivision	2015052	Buncombe Co.	28803	4	215	4/7/2017	Final Inspection complete, awaiting close-out docs
39	Waightstill Mountain Phase 2B	2015155	Buncombe Co.	28704	16	1,784	4/23/2019	Pre-con held, construction not yet started
40	Bee Tree Village	2015158	Buncombe Co.	28778	26	1,118	3/17/2017	Waiting on final inspection
41	NC DOT I-5504 NC 191/I-26 Interchange	2016132	Buncombe Co.	28806	0	355	10/23/2017	Installing
42	Bradley Branch Ph. 4	2016189	Buncombe Co.	28704	27	2,420	5/10/2019	Pre-con held, construction not yet started
43	New Salem Heights	2016192	Buncombe Co.	28778	25	816	2/13/2018	Waiting on final inspection
44	Villas of Avery Creek	2017068	Buncombe Co.	28704	270	3,170	9/18/2018	Waiting on final inspection
45	ABCCM	2017083	Buncombe Co.	28806	60	4,069	12/4/2018	Off-site portion has been installed, on-site in progress
46	240 Old Farm School Road	2017112	Buncombe Co.	28805	4	340	2/9/2018	Final Inspection complete, awaiting close-out docs
47	Sweetgrass Apartments	2018015	Buncombe Co.	28704	270	1,090	4/12/2019	Pre-con held, construction not yet started
48	Fields BMW	2018022	Buncombe Co.	28704	3	490	10/9/2018	Waiting on final inspection
49	Rosscraggon Road Subdivision	2018048	Buncombe Co.	28704	4	370	4/20/2018	Waiting on final inspection
50	The Ramble Block I	2018050	Buncombe Co.	28803	39	7,316	12/4/2018	Installing
51	Upper Grassy Branch Road	2018087	Buncombe Co.	28805	6	250	8/31/2018	Waiting on final
52	412 Ridge Street	2018111	Buncombe Co.	28715	4	275	5/7/2019	Pre-con held, construction not yet started
53	Bee Tree Road	2018115	Buncombe Co.	28778	6	240	12/18/2018	Waiting on final
54	New Riparian	2018156	Buncombe Co.	28778	5	275	9/28/2018	Waiting on final inspection
55	Cedar Lane	2018164	Buncombe Co.	28704	9	145	3/22/2019	Pre-con held, construction not yet started
56	The Preserve at Avery's Creek Phase 2	2018188	Buncombe Co.	28704	141	4,000	6/16/2017	Waiting on final inspection
57	Biltmore Lake Block I-4	2018226	Buncombe Co.	28715	27	1,770	3/12/2019	Testing
58	Wheeler Road	2017019	Weaverville	28787	72	1,535	3/28/2018	Final Inspection complete, awaiting close-out docs
59	44 Central Ave	2017107	Weaverville	28787	7	275	10/27/2017	Final Inspection complete, awaiting close-out docs
60	Ambler's Chase	2017249	Weaverville	28787	21	1,235	11/29/2018	Testing
61	Northridge Commons Townhomes	2018082	Weaverville	28787	53	1,380	4/9/2019	Pre-con held, construction not yet started
62	Maple Trace Ph. 4	2018214	Weaverville	28787	35	1,265	5/24/2019	Pre-con held, construction not yet started
63	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Punchlist pending, awaiting closeout documents (roadwork remaining)
64	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Final Inspection complete, awaiting close-out docs
65	Olivette Development-Phase 1 Gravity	2016065	Woodfin	28804	356	1,155	3/29/2018	Installing
66	Olivette Pump Station/Force Main	2016213	Woodfin	28804	356	1,740	2/27/2018	Preparing to tie-in to MSD Force Main
67	Ricky Robinson Property	2017088	Woodfin	28804	1	385	7/31/2018	Waiting on final inspection
68	Apple Lane	2017130	Woodfin	28804	4	60	8/31/2018	Pre-con held, construction not yet started
69	88 North Merrimon Avenue	2017196	Woodfin	28804	Comm.	455	5/11/2018	Waiting on final inspection
70	Olivette Gravity Phase 2	2018116	Woodfin	28804	94	12,406	11/27/2018	Installing
71	Skyfin-Terraces at Reynolds Mtn -Phase 3&4	2018187	Woodfin	28804	22	845	8/8/2017	Waiting on final inspection and phasing
	TOTAL				3,060	76,041		