

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT

June 9, 2021

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held on Wednesday, June 9, 2021 at 2 PM. Due to the Covid-19 virus, Board Members and some staff attended the meeting both in person and remotely, using the "Go To Meeting" software application. Attendance was available via web access or telephone. Members of the public were able to access the meeting as well. Chairman VeHaun presided with the following members either in person or present via internet or telephone access: Ashley, Bryson, Kelly, Lapsley, Manheimer, Pelly, Pennington, Pressley, Valois, Watts, Whitesides and Wisler. Franklin was absent.

Others present either in person, via internet or telephone access were William Clarke, General Counsel; Tom Hartye, Ed Bradford, Scott Powell, Mike Stamey, Ken Stines, Matthew Walter, Steven Briggs 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 May 19, 2021 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the May 19, 2021 Board Meeting. Mr. Ashley stated that in reading the first paragraph of these minutes, it looks like they imply that everyone was here via internet or telephone as opposed to some attending in person. With that correction, Mr. Watts moved for approval of the minutes. Mr. Whitesides seconded the motion. Voice vote was as follows: 13 ayes, 0 nays.

4. Discussion and Adjustment of Agenda:

None.

5. Introduction of Guests:

None.

6. Informal Discussion and Public Comment:

None.

7. Report of General Manager:

Mr. Hartye reported that the Final Budget and Public Hearing will be held today. There have been no changes to the Preliminary Budget that was brought to the Board in May.

Mr. Hartye reported that the Planning Committee will meet on June 29, 2021 at 2pm. The next regular Board Meeting will be held on July 21, 2021 at 2pm. The next Right of Way Committee Meeting will be held on July 28, 2021 at 9 am.

8. Consolidated Motion Agenda:

a. Consideration of Developer Constructed Sewer Systems – Olivette Phase 2A Gravity Master Plan Sewer Extension; Maple Trace Phase 4; 100 Airport Road; Village @ Bradley Branch Phase 4:

Mr. Hartye reported that the Olivette Phase 2A Gravity Master Plan Sewer Extension project is located along the French Broad River in Woodfin. This is not only accepting their system but there is also a cost reimbursement for them. The District has already taken over maintenance of the force main and pump station. Olivette Development LLC also constructed an interceptor to serve the much larger area. The project included about 3,475 linear feet of 18-inch Gravity Master Plan Interceptor line to serve both Olivette and the Lee Creek Basin and approximately 5,900 linear feet of 8-inch gravity sewer to serve the residential phase of the development. The estimated cost of all of the sewer construction is \$2,034,415.32. The 18-inch system was sized to accommodate future growth in the upstream areas of the Lee Creek Basin per the Collection System Master Plan. The Board previously approved a reimbursement for this project in the amount of \$324,510.00 at its regular meeting on May 15, 2019. The Reimbursement Budget for this project is \$350,000.00. Staff recommends acceptance of this developer constructed sewer system and authorization for the General Manager to disperse \$324,510.00 to Olivette Development, LLC.

Mr. Hartye reported that the Maple Trace Phase 4 project is located off Reems Creek Road in Buncombe County and included extending approximately 1,250 linear feet of 8-inch public gravity sewer to serve 37 residential units.

Mr. Hartye reported that the 100 Airport Road project is located in the City of Asheville and included extending approximately 620 linear feet of 8-inch public gravity sewer and abandoning approximately 480 linear feet of public gravity sewer to serve the commercial development.

Mr. Hartye reported that the Village @ Bradley Branch Phase 4 project is located off Sunny Meadows Boulevard in Buncombe County and included extending approximately 2,430 linear feet of 8-inch public gravity sewer to serve 59 townhomes for this development.

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

b. MSD FY22 Non-City of Asheville Road ROW Paving Restoration Contract:

Mr. Hartye reported that this is a contract for roads, driveways and sidewalks resulting from District maintenance activities outside of the City of Asheville. These are planned (i.e., taps for new connections or small repairs) and unplanned (i.e., emergency repairs to the system). At the August 19, 2020 Board Meeting, French Broad Paving, Inc. was the low bidder with a bid of \$413,975.00. Their bid was approved on that date. The contract, as presented to the Board, included a provision to renew for a period of two additional years if in MSD's best interest. French Broad Paving's work has been done in a timely manner and has

met the District's expectations for quality. French Broad Paving has agreed to the renewal conditions. This contract renewal process has also been reviewed and approved by Billy Clarke. The FY 22 System Services Construction Budget includes funding for this item. This item is for information only.

c. MSD Paving Agreement with City of Asheville:

Mr. Hartye reported that this agreement is for restoration of small patches within the City of Asheville, 300 SF or less. The larger restorations are contracted out. This annually renewing agreement was approved at the June 12, 2013 Board Meeting. For FY22, the District's monetary contribution for this agreement is \$295,920.81. The System Services construction budget includes appropriate funding for this item. This item is for information only.

d. Renewal of Contract FY 22 – Calcium Nitrate Solution:

Mr. Hartye reported that MSD has been using calcium nitrate-based solution for the last few years to control hydrogen sulfide formation in the South French Broad Interceptor. Calcium nitrate has proven to be effective in combating the formation of hydrogen sulfide and preventing the degradation of the collection system. Bids for the solution were presented to the Board at the June 10, 2020 Meeting. Aulick was the low bidder at \$2.18/gallon. The renewal clause was contingent upon all terms and conditions, including price, being the same. Aulick has agreed to the renewal conditions. Therefore, this contract will be renewed for the upcoming year. This is within levels budgeted by the WRF. This item is for information only.

e. Cash Commitment Investment Report – Month ended April, 2021:

Mr. Powell reported that Page 28 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 29 presents the MSD Investment Manager's report as of the month of April. The weighted average maturity of the investment portfolio is 38 days and the yield to maturity is 0.05%. Page 30 presents the MSD Analysis of Cash Receipts. Monthly and YTD Domestic and Industrial User Fees are considered reasonable based on timing of cash receipts in their respective fiscal periods. YTD Facility and Tap Fees are above historical trends due to the timing of various cash receipts from developers as well as these fees being budgeted conservatively. Page 31 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 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 current outstanding capital projects, YTD capital project expenditures are considered reasonable. Page 32 presents the District's Variable Debt Service Report. The 2008A Series Bond is performing at budgeted expectations. As of the end of May, this issue has saved the District rate payers over \$6.7 million in debt service since April 2008.

Mr. Valois stated that he had a few questions. He asked if there is any kind of reaction or something that goes on that contaminates the south side of the river or wherever it goes, or whatever you are using it for, regarding the calcium nitrate solution. Mr. Hartye reported that the calcium nitrate solution is consumed completely, and it prevents the formation of hydrogen sulfide. Mr. Valois asked to what point. Mr. Hartye replied to a point that it is inert. Mr. Valois stated that it is not a 7, it is probably at a lower hazard status. Mr. Hartye replied that it may affect the PH adjustment a little, marginal at best, if that's what Mr. Valois means by a 7, but that is not the purpose of it. Mr. Valois stated that is what you are using it for, to reduce the PH from the hydrochloric acid. Mr. Hartye stated that hydrogen sulfide is not hydrochloric acid and that if it were, the District would be adjusting the PH. The calcium nitrate is preventing the formation of hydrogen sulfide to a point where it is inert, and the sulfur bacteria can't grow and create problems and corrode the inside of the pipe. Mr. Bradford added that the reason MSD has to do this in the interceptor is because it is slower moving, and it generates the hydrogen sulfide from that because it is a larger interceptor along a big river and it is slower moving. Mr. Hartye stated that it does not change the chemical reaction.

Mr. Valois asked if, regarding the City of Asheville 300 SF repairs, is the quality of work well and are we saving money? If we are saving money, can we use their agency in a way that they can work with other towns in order to do more repairs and save more costs. Mr. Hartye reported that for these types of projects the reason why it is a 300 SF limit is because with very small patches it got very onerous to go through the logistical process, permitting and other things, with the City when they do this type of work themselves. When you get to larger patches, those are usually done by the District's contractors when they are laying main lines and it's a much larger project, then it makes sense for them to pull the permits and go through the permitting process for that pavement restoration. It was much more costly for the District, particularly with time management, to have this agreement. That is why it's divided up between the smaller patch work and the larger project paving. Mr. Valois asked if it's saving this agency money and time, could it work with other towns such as Weaverville or Black Mountain in order to do small repairs like that and pay them back for their services. Mr. Hartye stated that there isn't anywhere near the amount of cuts in other areas and the volume wouldn't be there. The contract is very small compared to the amount of total paving that the District does and the amount that we would do in a small town like Black Mountain or Weaverville would be de minimis. You couldn't set up this type of situation and have it pay off in any way, shape or form. It would be a couple of permits per year and that would not be beneficial. The middle of Asheville has probably the oldest system in the District and there are a lot of small patches that go on and because of that dynamic it makes sense. Mr. Valois thanked Mr. Hartye for that answer.

With no further discussion, Mr. VeHaun called for a motion to approve the Consolidated Motion Agenda. Mr. Kelly moved; Mr. Watts seconded the motion. Roll call vote was as follows: 13 ayes, 0 nays.

9. Public Hearing - Consideration of Resolution Adopting Final Budget for FY21-22 and Schedule of Sewer Rates and Fees:

Mr. Powell reported that there has been no change in the Proposed Budget as was presented in May. The Proposed Final Budget for FY22 is \$59, 551,426. Mr. Powell called for any questions. There were none.

Mr. Clarke reported that you do not have to have a roll call for all votes since you are not holding this meeting under the special legislation associated with the pandemic. Ms. Manheimer stated that they also did not have to have roll call at the City Counsel Meeting but their attorney seems to think that if you have a hybrid virtual and in person meeting that you still have to follow the virtual meeting rules. Mr. Clarke stated that he is making the decision that you don't have to do a roll call vote on this motion.

Mr. VeHaun called for a motion to open the meeting for a Public Hearing. Mr. Watts moved. Mr. Whitesides seconded the motion. Voice vote was unanimous.

Mr. VeHaun announced the opening of the Public Hearing at 2:23 pm.

Mr. VeHaun called for public comment on the proposed Budget, Rates and Fees for FY21-22. There were none.

Mr. VeHaun called for a motion to close the Public Hearing at 2:24. Mr. Watts moved. Mr. Pressley seconded. Voice vote was unanimous.

Mr. VeHaun called for a motion to approve the Resolution Adopting the Final Budget and Schedule of Sewer Rates and Fees for FY21-22. Ms. Wisler moved. Mr. Watts seconded the motion. Roll call vote was as follows: 13 Ayes; 0 Nays.

10. Old Business:

Mr. Valois stated he would like to discuss the topic discussed at the last meeting regarding bringing the age down to a lower level through diversity of younger people when hiring or even aggressively going after them as a public relations process in order to try to entice the younger people onto this job so that you have more longevity and a longer time for a career in the process. Mr. VeHaun asked Mr. Clarke if he would like to respond. Mr. Clarke stated that he sent everyone a memorandum and hoped that everyone had a chance to read and digest it. He stated that he is not saying that what Mr. Valois is suggesting is not a good idea, but anytime you intentionally implement a program that has the potential for discriminating against older workers, you need to be very careful. Mr. Clarke stated that the point of his memorandum is that even if you do not intend it at the beginning, if you are doing something that causes you to discriminate based on age or results in age discrimination, you could be subject to claims which are expensive, expensive to defend and a lot of times you end up paying them just because they are so expensive to defend. Mr. Clarke stated the purpose of his memorandum was to make all Board Members aware of that as MSD considers such a program. Mr. Valois stated they did it quite a bit back home and were affirmative about hiring younger

people and sending public relations to high schools and universities trying to find interested people who are getting educated in what we actually do and see if that is a career avenue for them in their lives. Mr. Valois stated that he understands this agency opened about 20 years ago and you have carried a lot of people that have gotten older, and they are starting to add more attrition but it's just to keep that balance of young, old, middle in the mix. What happens if you don't, we had the same issue in World War II, is that every so many years you had a big drop and you had to hire new people and train them and it cost a lot of money to train people and bring them up that far and that's why we'd like to see people at a longer longevity in this agency or any agency for that matter. Mr. Clarke stated that he understands Mr. Valois' goals are laudable but it makes him, as the District's lawyer, very uncomfortable to hear Mr. Valois talking about reducing the average age. Mr. Clarke stated that his job is to give the District and this Board advice. You do not have to follow it but his job is trying to keep you out of trouble or if you get in trouble, to get you out of trouble. Mr. Clarke stated that if such a program were implemented or even considered, that MSD be very careful about how it is structured. Mr. VeHaun stated that he appreciates Mr. Clarke's memorandum, that he thought it explained the potential risk and situation very well. Mr. Clarke thanked Mr. VeHaun and stated that Susan Russo-Klein deserves a large part of the credit and he would make sure to pass that on. Mr. Hartye added that while the District will not be doing a program specifically to reduce the age of its employees, we do have people who go out from grade school to high school to colleges. The District takes on interns from UNCA's Environmental Program. All of those types of things we try to develop through the community. Mr. Hartye stated that at the last meeting, Mr. Valois said regardless of succession planning. Succession Planning is layering people in. It is so you can develop people within your organization that are younger. We don't want to become an agency that has a lot of turnover to get younger people in because no one will know which end is up. The District doesn't want that, it wants the most qualified people here. One way you get that is developing them in house. You bring them in young but you will see that a lot of our older people have been here for a long time. We have very low turnover so we have a lot of institutional knowledge, and that is very helpful in running a competent organization, not just one that is young. The District does try to hire in younger, usually it's the 20-year old's applying, for the highly physical jobs. But you don't want a 22-year-old running the Engineering Department. It's all layered in and that is what succession planning is all about. The District interviews everyone in the whole organization to get their plan for their future and try to develop them. There have been a lot of really good successes throughout the organization. Most all of the Division Heads came up through the ranks. All of your top management have been developed through this type of succession planning. It is very important to notice that. We aren't trying to hire in a 50-year-old to dig a ditch, it doesn't make sense. The younger person would be more qualified. Mr. Valois stated that you could see his concern, last year it was an average age of 46, this year the average age is 44, and that is pretty high considering an entire agency and he still doesn't know what is included in those numbers. Mr. Hartye stated that the age of different categories, say construction, is going to be a lot lower than administration. As an organization, it's at 44 and it's been coming down as the baby boomers are retiring. What we do is in an informative, rational way that keeps the competency of our organization up and going. Mr. Hartye stated that he would be glad to discuss this further with Mr. Valois after this meeting.


Minutes
June 9, 2021
Page Seven

11. New Business:

None.

12. Adjournment:

With no further business, Mr. VeHaun called for adjournment at approximately 2:32 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 6/9/2021

✓	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 19, 2021 Board Meeting	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda	VeHaun	2:15	
	04. Introduction of Guests	VeHaun	2:20	
	05. Informal Discussion and Public Comment	VeHaun	2:25	
	06. Report of General Manager	Hartye	2:30	
	07. Consolidated Motion Agenda	Hartye	2:40	
	a. Consideration of Developer Constructed Sewer Systems – Olivette Phase 2A Gravity Master Plan Sewer Extension; Maple Trace Phase 4; 100 Airport Road; Village @ Bradley Branch Phase	Hartye		
	b. Non-City of Asheville Road ROW Paving Restoration Contract – FY22	Hartye		
	c. City of Asheville Paving Agreement FY22	Hartye		
	d. Renewal of Contract – Calcium Nitrate Solution for Odor & Hydrogen Sulfide Control	Hartye		
	e. Cash Commitment/Investment Report – Month ended April, 2021	Powell		
	08. Consideration of Resolution Adopting Final Budget for FY21-22 and Schedule of Sewer Rates and Fees	Powell	2:50	
	09. Old Business	VeHaun	3:00	
	10. New Business:	VeHaun	3:10	
	11. Adjournment: (Next Meeting 7/21/21)	VeHaun	3:15	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
May 19, 2021

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held on Wednesday, May 19, 2021 at 2 PM. Due to the Covid-19 virus, Board Members and some staff attended the meeting remotely, using the “Go To Meeting” software application. Attendance was available via web access or telephone. Members of the public were able to access the meeting as well. Chairman Vebaun presided with the following members present via internet or telephone access: Ashley, Bryson, Franklin, Kelly, Manheimer, Pelly, Pennington, Pressley, Valois, Watts, Whitesides and Wisler. Lapsley was absent.

Others present via internet or telephone access were William Clarke, General Counsel; Tom Hartye, Ed Bradford, Scott Powell, Angel Banks, Matthew Walter, 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 21, 2021 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the April 21, 2021 Board Meeting. Mr. Watts moved for approval of the minutes as presented. Mr. Whitesides seconded the motion. Voice vote was as follows: 13 ayes, 0 nays.

4. Discussion and Adjustment of Agenda:

Mr. Valois stated that he wanted to reiterate his issue with the common age of a lot of the workforce at the District which was discussed at the Personnel Committee Meeting. The Staff statistics were not broken down into clerical work or physical labor, in hiring and keeping older staff like you are with the average age of 44. He would like to see, instead of “through attrition”, more young people brought into the work force instead of just continuing to keep hiring people as they come in at an elderly rate. Succession planning has been discussed but we are not talking about that. The District has a good health and wellness program and if these younger people can have a baseline physical when they come, and then through-out their career you could evaluate how the conditions are going. If MSD was running our own pension board, we would be very astute to the issue of good stewardship and hiring practices. He stated that he wanted to push the issue to see if a program can be developed by Human Resources to start identifying these young people, maybe even giving classes or get some high schools kids in summer work groups to try to build that interest in order to get that younger work force. The younger work force also brings a lot of technology skills that a lot of old workers lack. He stated that was his concern on that particular issue and he wanted to make sure that he was heard on it. Mr. VeHaun stated that it was so noted. There was no further discussion.

5. Introduction of Guests:

None.

6. Informal Discussion and Public Comment:

None.

7. Report of General Manager:

Mr. Hartye reported that attached is a Clean Air Compliance Award from the Western North Carolina Regional Air Quality Agency for MSD's Water Reclamation Facility. Thanks to all the operators at the Treatment Plant.

Mr. Hartye reported that the proposed FY 21-22 Preliminary Budget will be presented today. This includes a 2.75% rate increase. The Operating Budget includes a 3.5% salary increase, there was no salary increase last year. There is a 6.5% increase in contribution to the Self-insured Medical Plan which is based on our consultant's estimate. There is also a \$30 Million Construction Budget for this year and a \$350 Million Budget for 10 years for the CIP Budget.

The next regular Board Meeting will be held on June 9th at 2 pm which will be a Public Hearing and include the Final Budget. The next Right of Way Committee Meeting will be held on June 23rd at 9 am. The Planning Committee will meet on June 29th at 2 pm. Mr. Pennington will be giving a primer on the Buncombe County Comprehensive Planning process. The second item will be to consider the potential of extending sewer to the Candler area with the possible financial assistance from HR1319, the American Rescue Plan Act. This was one of those hot spots that was discussed at the last Planning Committee Meeting in 2018.

8. Report of Committees:

a. Personnel Committee – April 27, 2021

Mrs. Bryson reported that the Personnel Committee met on April 27, 2021. She reported that Mrs. Thomas and Human Resources gave very informative information on several areas. Staff's recommendation is for a 3.5% wage adjustment, a 6.5% increase for the Self-Insured Medical Plan and an 11.8% increase in State required contributions for the NC Retirement Plan. Mrs. Bryson stated that the wage adjustment is well deserved. Personnel Committee recommends approval of Staff's recommendation.

b. Right of Way Committee – April 28, 2021

Mr. Kelly reported that the Right of Way Committee met on April 28, 2021 and made routine recommendations which are included in this Board package.

c. CIP Committee – April 29, 2021

Mr. Watts reported that the CIP Committee met on April 23, 2021 and had a very good meeting. He expressed his appreciation to Hunter Carson for the presentation. The CIP Committee recommends approval of Staff's recommendation of Endorsement of the CIP Budget for FY 21-22 in the amount of \$30,622,532.

d. Finance Committee – May 10, 2021

Mr. Kelly reported that the Finance Committee met on May 10, 2021 and recommends acceptance of Staff's recommendation to approve the FY21-22 Budget and the Schedule of Sewer Rates and Fees.

9. Consolidated Motion Agenda:

a. Consideration of Bids – Springside Road @ Overlook Road Rehabilitation:

Mr. Hartye reported that this project is located in South Asheville and part of it goes through the TC Roberson campus. The project is comprised of approximately 3,922 linear feet of 8-inch and 12-inch DIP. Buncombe County Schools (BCS) are planning to rehabilitate portions of their storm drains and water line systems during this project. The District bid BCS work along with the sewer project in order to receive better prices. The low bidder was determined based on both the District and BCS work added together. BCS will award the contract for their portion and fund their project separately from the District. The contract was advertised and three bids were received on April 29, 2021, in the following amounts: Terry Brothers Construction Company in the amount of \$980,900.00; T.P. Howard's Plumbing Company in the amount of \$851,000.00; and Huntley Construction Company in the amount of \$781,591.00. The apparent low bidder is Huntley Construction Company with a bid amount of \$781,591.00. All of the bids were significantly lower than the construction estimate. Construction estimates are based on unit and line items received on bids over the last 12 months. Contractors are wanting work. Staff investigated this further and discussed the items that seemed low with the bidding contractors and they stuck with their bids. Huntley has performed well on previous District projects and are confident in their bid pricing for this work. Staff recommends award of this contract to Huntley Construction Company in the amount of \$781,591.00, subject to review and approval by District Counsel.

b. Consideration of Condemnation – Mountain View @ Maxwell Road – Lowman:

Mr. Hartye reported that there were 11 contacts with this property owner and the Right-of-Way Committee recommends giving Staff authority to obtain appraisal and proceed with condemnation, if necessary.

c. Consideration of Condemnation – Mountain View @ Maxwell Road – Lowman/Simmons:

Mr. Hartye reported that there were 7 contacts with this property owner and the Right-of-Way Committee recommends giving Staff authority to obtain appraisal and proceed with condemnation, if necessary.

d. Consideration of Condemnation – Le An Hurst Road – Greenberg:

Mr. Hartye reported that there were 8 contacts with this property owner and the Right-of-Way Committee recommends giving Staff authority to obtain appraisal and proceed with condemnation, if necessary.

e. Consideration of Compensation Budgets – Bryson Street; Elk Mountain Place; Mountainbrook @ Chunn's Cove Road; White Oak Road; 276 Hi Alta Avenue:

Mr. Hartye reported that the Right-of-Way Committee recommends approval of the 5 attached Compensation Budgets.

f. Consideration of Developer Constructed Sewer Systems – Apple Lane; Greenwood Park; Hamrick Farms; Holbrook Road Phase 1; Lee Walker Heights; Longwell Building; Northridge Commons; Padgettown Phase 1; The Ramble Block F, Phase 2; Sweetgrass Apartments; Villas of Avery Creek:

Mr. Hartye reported that the Apple Lane project is located in Woodfin and included extending approximately 60 linear feet of 8-inch public gravity sewer to serve the 4 single-family residential units.

Mr. Hartye reported that the Greenwood Park Subdivision project is located off Union Chapel Road in Weaverville and included extending approximately 1,410 linear feet of 8-inch public gravity sewer to serve the 16 single-family residential units.

Mr. Hartye reported that the Hamrick Farms project is located off Lower Edgewood Road in Buncombe County and included extending approximately 3,410 linear feet of 8-inch public gravity sewer to serve the 69 single-family residential development.

Mr. Hartye reported that the Holbrook Road Phase 1 project is located in Buncombe County and included extending approximately 2,230 linear feet of 8-inch public gravity sewer to serve the 50-unit single-family residential development.

Mr. Hartye reported that the Lee Walker Heights project is located off Short Coxe Avenue in the City of Asheville and included extending approximately 1,600 linear feet of 8-inch public gravity sewer to serve 116 apartments for this development. Since this is affordable housing, the Housing Authority received the discounted Facility Fee of \$670 per unit.

Mr. Hartye reported that the Longwell Building project is located along Old Charlotte Highway in Buncombe County and included extending approximately 495 linear feet of 8-inch public gravity sewer to serve the commercial development.

Mr. Hartye reported that the Northridge Commons project is located along Monticello Road in the Town of Weaverville and included extending approximately 1,615 linear feet of 8-inch public gravity sewer to serve the 53 townhomes for this development.

Mr. Hartye reported that the Padgettown Road Phase 1 project is located in the Town of Black Mountain and included extending approximately 250 linear feet of 8-inch public gravity sewer to serve 6 homes.

Mr. Hartye reported that the Ramble Block F, Phase 2 project is located in Buncombe County and included extending approximately 1,960 linear feet of 8-inch public gravity sewer to serve 10 homes.

Mr. Hartye reported that the Sweetgrass Apartments project is located off Bradley Branch Road in Buncombe County and included extending approximately 1,085 linear feet of 8-inch public gravity sewer to serve the 270 apartments.

Mr. Hartye reported that the Villas of Avery Creek project is located off Brevard Road in Buncombe County and included extending approximately 2,875 linear feet of 8-inch public gravity sewer to serve the 270 apartments.

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

g. Cash Commitment Investment Report – Month ended March, 2021:

Mr. Powell reported that Page 63 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 64 presents the MSD Investment Manager's report as of the month of March. The weighted average maturity of the investment portfolio is 39 days and the yield to maturity is 0.05%. Page 65 presents the MSD Analysis of Cash Receipts. Monthly and YTD Domestic and Industrial User Fees are considered reasonable based on timing of cash receipts in their respective fiscal periods. Facility and Tap Fees are above historical trends due to the timing of various cash receipts from developers as well as these fees being budgeted conservatively. Page 66 presents the District's Analysis of Expenditures. 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 current variable interest rates, 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. Page 67 presents the District's Variable Debt Service Report. The 2008A Series Bond is performing at budgeted expectations. As of the end of April, this issue has saved the District rate payers over \$6.7 million in debt service since April 2008.

h. Consideration of Budget Amendments for Fire Loss and Debt Payoff:

Mr. Powell reported that on November 10th a storage building on the District's campus caught on fire. Staff is proposing a \$3.5 Million Budget Amendment to the Construction Fund. This amount will cover receiving insurance proceeds and using said funds to replace damaged and total loss items.

Mr. Powell reported that on June 10, 2020 the District's Board approved the consolidation agreement between the District and CCWSD. This agreement outlined the transition of all assets as well as payment of all obligations. As of July 1, 2020, CCWSD had outstanding debt obligations of \$2,648,578. Due to the current short-term interest environment, staff recommends amending the Debt Service Fund in the amount of \$2,750,000. This amendment will save the District approximately \$530,000 in payments pertaining to interest on the outstanding obligations.

With no further discussion, Mr. VeHaun called for a motion to approve the Consolidated Motion Agenda. Mr. Kelly moved; Mrs. Bryson seconded the motion. Roll call vote was as follows: 13 ayes, 0 nays.

10. Consideration of Resolution Adopting the Preliminary Budget for FY21-22 and Schedule of Sewer Rates and Fees:

Mr. Powell reported that Page 21 presents the proposed FY 21-22 budget of \$59,551,426 which includes a 2.75% domestic rate increase which is a .87 cent increase in the average single-family monthly bill. The average monthly bill will go from 32.17 to 33.04. Staff is not recommending any changes in the Sewer System Development Fees or Sewer Connection Fees. The rate of return on investments is 0.05%. There is a 3.51% increase in Salaries and Benefits which has an impact of \$510,540. This includes Personnel Committee recommendations of 3.5% for salary adjustments, 6.5% increase for self-insurance funding and GASB 45/75 OPEB funding as well as 11.8% for State required retirement contribution and unemployment funding. Included in the Operation and Maintenance Budget is a 7.0% increase in materials, supplies and service which has an impact of \$505,000. This includes adjustments to address regulatory and operational needs including the High-Rate Primary Treatment process which will be coming online in Fall of 2021. Also included is Staff and CIP Committee's recommendation \$30.6 Million and a flat 1 Million contingency. Also included is Staff's recommendation for capital equipment as well as debt service. There were no questions or comments.

Mr. VeHaun called for a motion to approve the Resolution Adopting the Preliminary Budget for FY 2021-2022. Mr. Whitesides moved. Mr. Watts seconded the motion. Roll call vote was as follows: 13 Ayes; 0 Nays.

Mr. VeHaun called for a motion to approve the Schedule of Sewer Rates and Fees for FY 2021-2022. Ms. Wisler moved. Mr. Whitesides seconded the motion. Roll call vote was as follows: 13 Ayes; 0 Nays.

11. Old Business:

None.

12. New Business:

None.

13. Adjournment:

With no further business, Mr. VeHaun called for adjournment at approximately 2:29 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: June 4, 2021
SUBJECT: Report from the General Manager

- FY 2022 Budget Process

The Final Budget and a Public Hearing will be held at the Regular Board Meeting on June 9th. There have been no changes to the Preliminary Budget that was brought to the Board back in May.

- Board/Committee Meetings/Events

The Planning Committee will meet June 29th at 2 pm. The next Regular Board Meeting will be held on July 21st at 2 pm. The next Right of Way Committee meeting will be held on July 28th at 9am.

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

BOARD MEETING DATE: June 9, 2021

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 and Cost Reimbursement for the Olivette Phase 2A Gravity Master Plan Sewer Extension, MSD Project No. 2018116

BACKGROUND: This project is located inside the District boundary along the French Broad River off Olivette Road in the Town of Woodfin. The developer of the project is Scott Austin of Olivette Development, LLC.

The project included constructing approximately 3,475 linear feet of 18-inch Gravity Master Plan Interceptor line to serve both Olivette and the Lee Creek Basin, and approximately 5,900 linear feet of 8-inch gravity sewer to serve this residential phase of the development.

A wastewater allocation was issued in the amount of 140,000 GPD for the Olivette Development to include 356 residential units of various types along with a future school, restaurant, etc.

The estimated cost of the sewer construction is \$2,034,415.32. The 18-inch system has been sized to accommodate future growth in the upstream areas of the Lee Creek Basin per the Collection System Master Plan; therefore, Olivette Development, LLC is eligible for the differential reimbursement.

The Board previously approved a reimbursement for this project in the amount of \$324,510.00 at its regular meeting on May 15, 2019.

All MSD requirements have been met, including an easement extension through Olivette to serve upstream areas in the future.

FISCAL IMPACT: The FY20-21 Reimbursement Budget for this project is \$350,000.00.

STAFF RECOMMENDATION: Acceptance of this developer constructed sewer system and authorization for General Manager to disperse \$324,510.00 to Olivette Development, LLC for the cost reimbursement for this project.

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

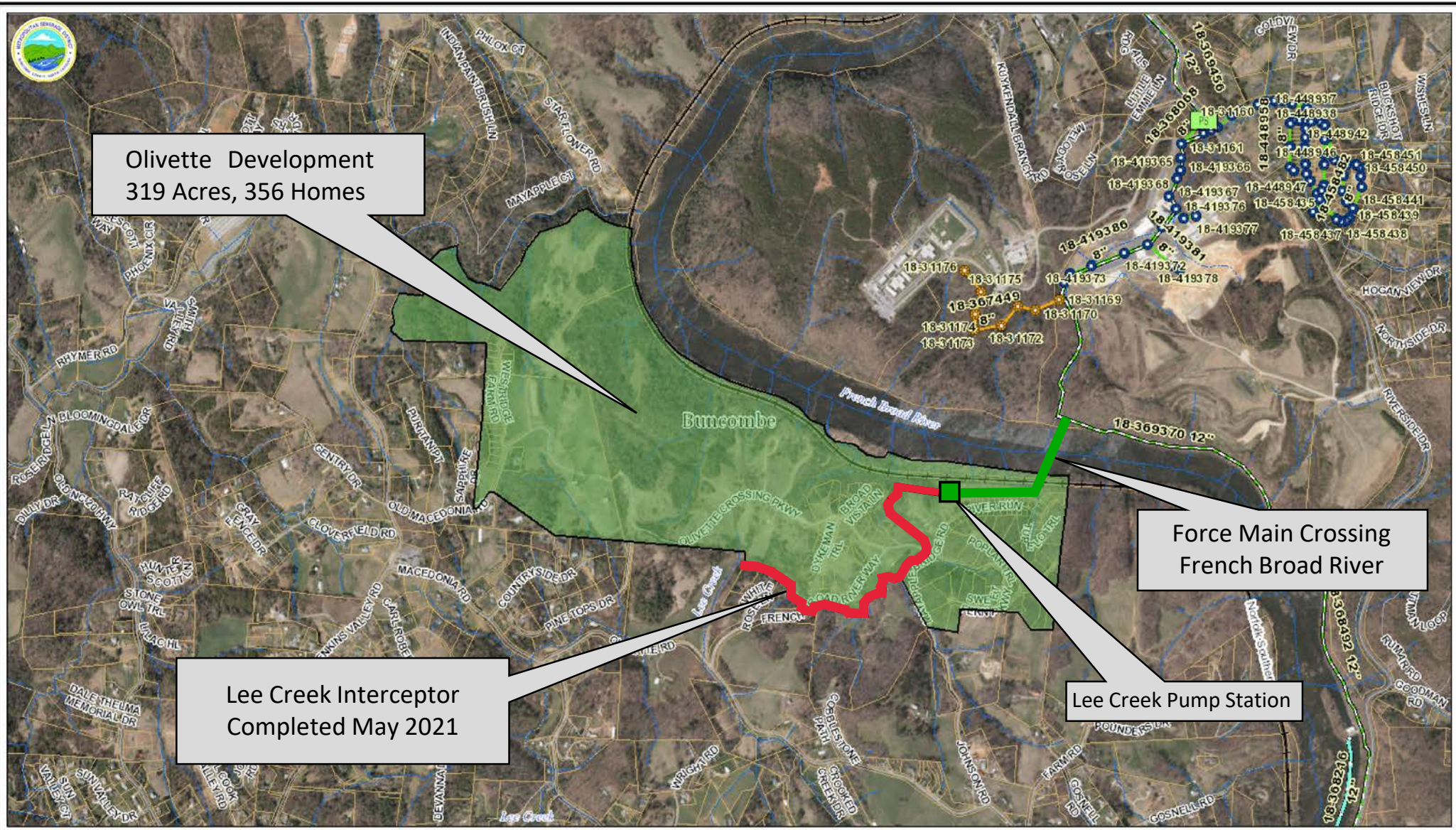
BUDGET DATA SHEET - FY 2020 - 2021

PROJECT: Developer Reimbursements	LOCATION: Various
TYPE: Reimbursement - Annual	
PROJECT NO.: 2004051	TOTAL LF: 0
PROJECT BUDGET: \$1,337,000.00	PROJECT ORIGIN: Economic Development Policy

DESCRIPTION	ESTIMATED PROJECT COST	TOTAL EXPENDS THRU 12/31/19	EST. COST JAN - JUNE 2020	BUDGET FY 20-21
55310 - PRELIM. ENGINEERING				
55320 - SURVEY - DESIGN				
55330 - DESIGN				
55340 - PERMITS				
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS				
55370 - LEGAL FEES				
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION				
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$1,337,000.00	\$12,307.00	\$0.00	\$437,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING				
55450 - SURVEY - ASBUILT				
TOTAL AMOUNT	\$1,337,000.00	\$12,307.00	\$0.00	\$437,000.00

ENGINEER: KJ	ESTIMATED BUDGETS - FY 22 - 30
R.O.W. ACQUISITION: # PLATS: []	FY 21-22 \$100,000.00
CONTRACTOR:	FY 22-23 \$100,000.00
CONSTRUCTION ADM:	FY 23-24 \$100,000.00
INSPECTION:	FY 24-25 \$100,000.00
	FY 25-26 \$100,000.00
PROJECT DESCRIPTION: This is for reimbursements for extensions that qualify under the District's Extension Policy. Refer to the "Policy and Procedures for the Extension of Sewer Service" for further information. For FY20-21 there are two reimbursement agreements: 1) Olivette Master Plan Interceptor \$350,000; 2) 17 North Market Street \$87,000.	FY 26-27 \$100,000.00
	FY 27-28 \$100,000.00
	FY 28-29 \$100,000.00
	FY 29-30 \$100,000.00

SPECIAL PROJECT NOTES: Total estimated project cost shown is the total within the ten year window. \$200,000 per year is approved.



Olivette Development
319 Acres, 356 Homes

Force Main Crossing
French Broad River

Lee Creek Interceptor
Completed May 2021

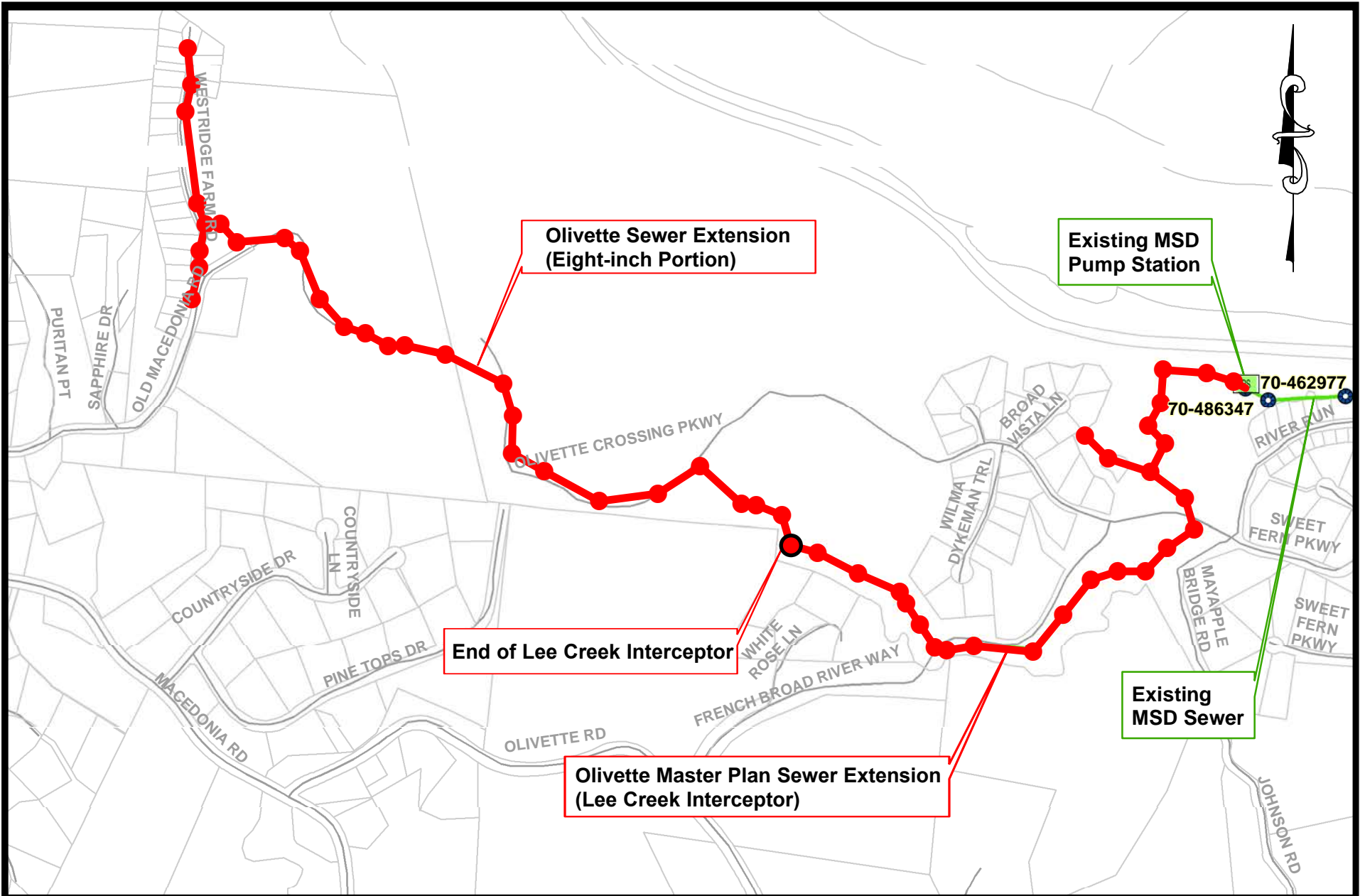
Lee Creek Pump Station

Olivette Development

Author: WEB

The Metropolitan Sewerage District of Buncombe County, NC has prepared these maps based on best available information for use in assisting District maintenance work, service area analysis, and planning. The District does not warrant the accuracy of any of the information shown. Field verification is advised for all information shown on the maps or included with manhole data. No guarantee is given as to the accuracy or currency of any of the data. Therefore, in no event shall the District be liable for any special, indirect, or consequential damages or any damages whatsoever resulting from loss of use, data, or profits, whether in an action of contract, negligence, or other action, arising out of or in connection with the use of the information herein provided. Grid shown is North Carolina State Plane Coordinate System NAD 1983 (North American Datum 1983).

1 in = 1,000 ft



MSD
Engineering Division

**Olivette Phase 2A Sewer Extension
MSD Project # 2018116**

Metropolitan Sewerage District of Buncombe County

5/26/2021

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 9, 2021

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 Maple Trace Ph. 4 Sewer Extension, MSD Project No. 2018214

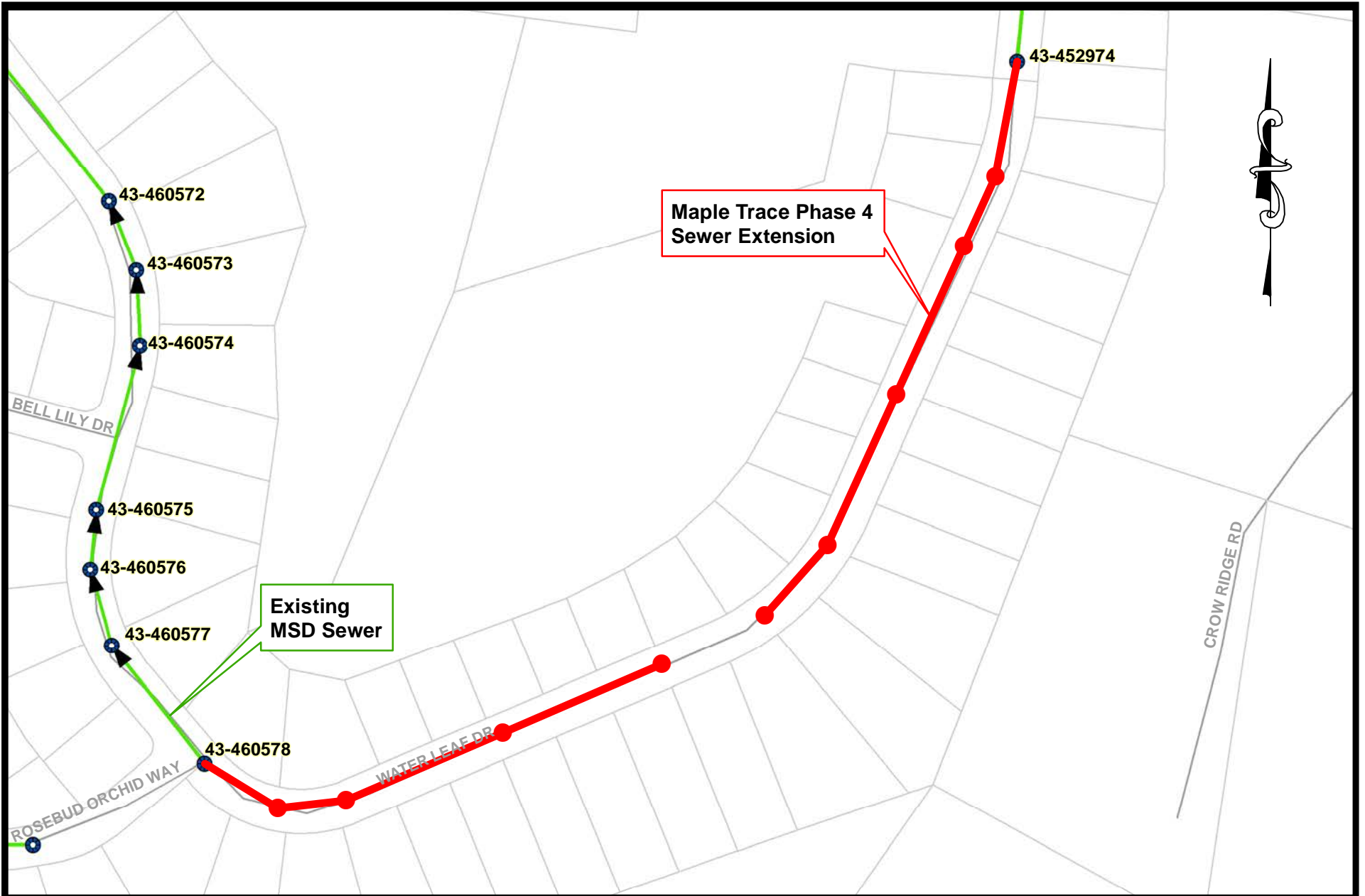
BACKGROUND: This project is located inside the District boundary off Reems Creek Road in Buncombe County. The developer of the project is Scott Street of Windsor Built Homes, Inc.

The project included extending approximately 1,250 linear feet of 8-inch public gravity sewer to serve the single-family residential development.

A wastewater allocation was issued in the amount of 11,100 GPD for the thirty-seven (37) residential units for this phase of the development. The estimated cost of the sewer construction is \$93,430.00.

All MSD requirements have been met.

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



MSD
Engineering Division

**Maple Trace Phase 4 Sewer Extension
MSD Project # 2018214**

Metropolitan Sewerage District of Buncombe County

5/27/2021

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 9, 2021

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 100 Airport Road Sewer Relocation, MSD Project No. 2019125

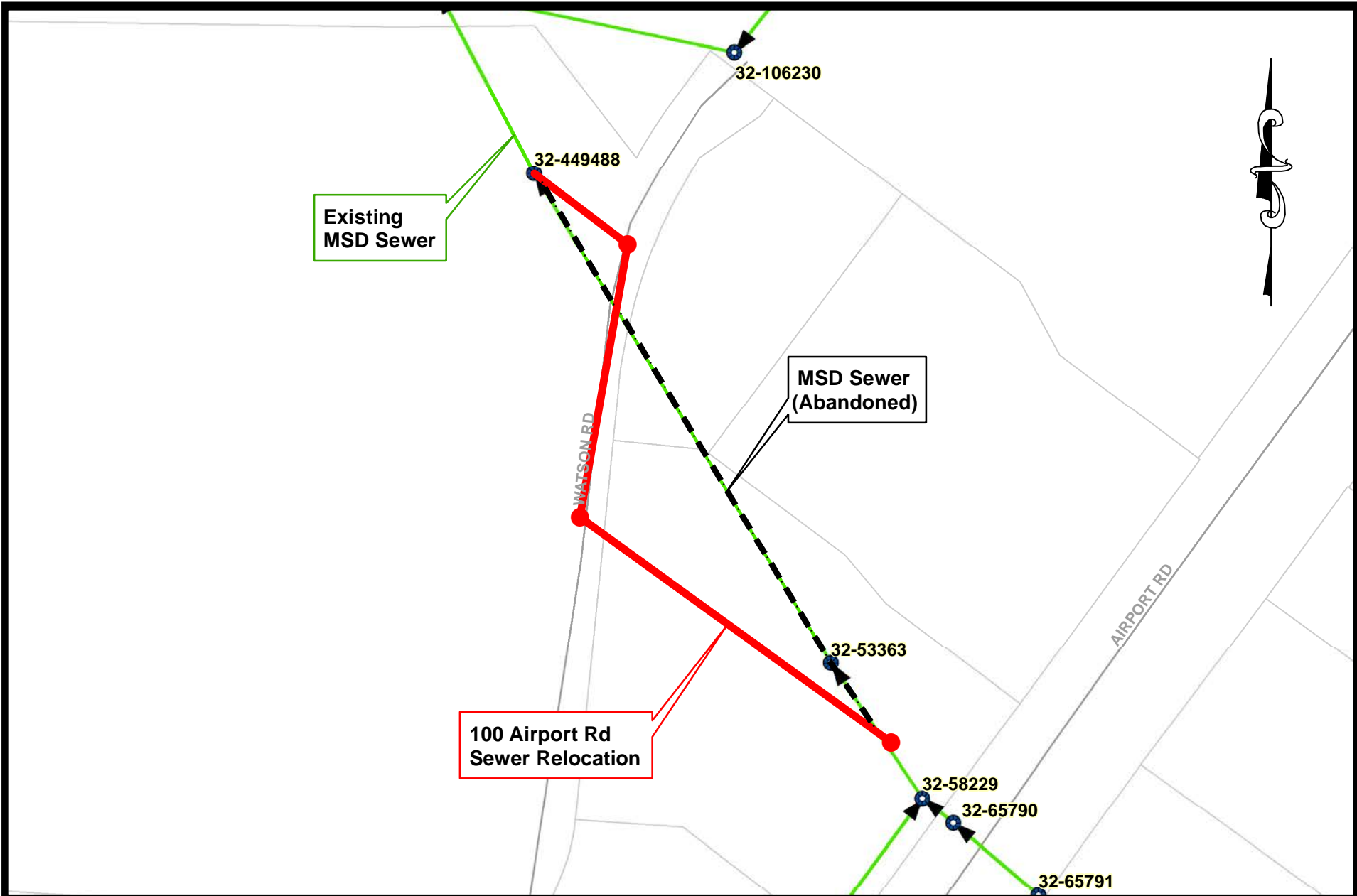
BACKGROUND: This project is located inside the District boundary along Airport Road in the City of Asheville. The developer of the project is Sandeep Gupta of SMS Enterprise, LLC.

The project included relocation of approximately 620 linear feet of 8-inch public gravity sewer along with abandonment of approximately 480 linear feet of public gravity sewer to serve the commercial development.

A wastewater allocation was not issued for this future development. The estimated cost of the sewer construction is \$125,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

**100 Airport Rd Sewer Relocation
MSD Project # 2019125**

Metropolitan Sewerage District of Buncombe County

5/28/2021

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 9, 2021

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 Village at Bradley Branch Ph. 4 Sewer Extension, MSD Project No. 2016189

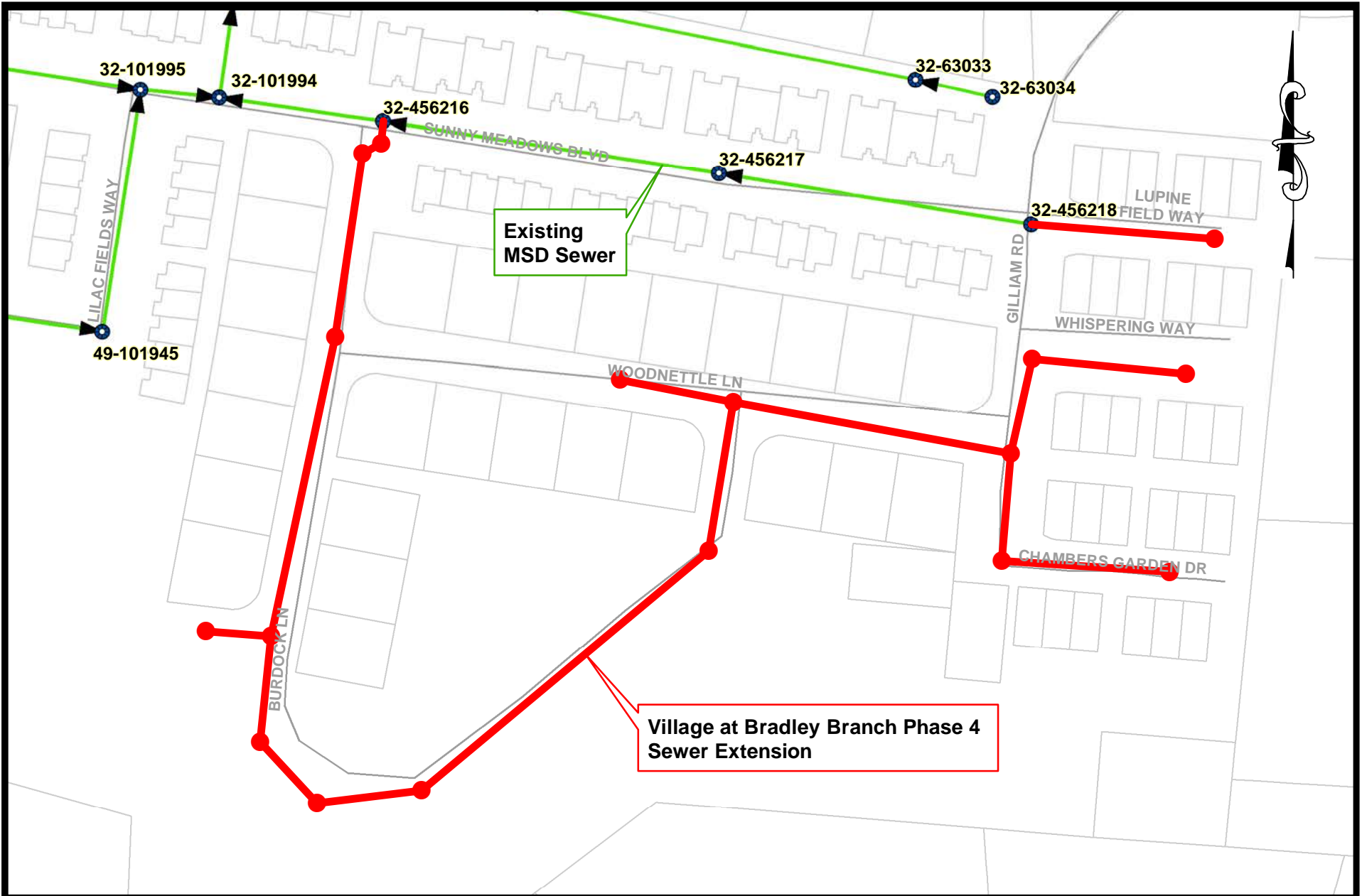
BACKGROUND: This project is located inside the District boundary off Sunny Meadows Boulevard in Buncombe County. The developer of the project is Bruce Alexander of Bradley Branch Investments, LLC.

The project included extending approximately 2,430 linear feet of 8-inch public gravity sewer to serve the single-family townhome residential development.

A wastewater allocation was issued in the amount of 8,020 GPD for the fifty-nine (59) townhomes proposed for this development. The estimated cost of the sewer construction is \$285,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

**Village at Bradley Branch Phase 4 Sewer Extension
MSD Project # 2016189**

Metropolitan Sewerage District of Buncombe County

5/28/2021

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: 6/9/2021

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

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

SUBJECT: MSD FY22 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 August 19, 2020 MSD Board meeting the subject Non-City contract for FY21 was presented to the MSD Board. French Broad Paving, Inc. was the low bidder with a bid of \$413,975.00. Their bid was approved on that date. The contract, as presented to the Board, included a provision to renew for a period of two additional years if in MSD's best interest. This renewal clause was to be reviewed in one-year increments and is 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 FY22 with French Broad Paving, Inc. French Broad Paving's work has been done in a timely manner and has met our expectations for quality. During FY21 there was one change-order to the contract to account for NCDOT dictated asphalt mix design changes. Based on that change-order the FY21 final contract amount was \$474,475.00. The FY22 contract will be renewed in the amount of \$474,475.00.

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

FISCAL IMPACT: The FY22 System Services CIP Construction budget includes appropriate funding for this item.

STAFF RECOMMENDATION: None. Information only

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATION ITEM

BOARD MEETING DATE: 6/9/2021

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

PREPARED BY: Mike Stamey, P.E. - Director of System Services Construction

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 FY12, 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 FY12 and FY13 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 FY22, the District's monetary contribution for this agreement is \$295,920.81. This amount is based upon usage throughout the past three years with a yearly asphalt patching area of approximately 11,000 SF.

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 System Services CIP Construction budget for FY22 includes appropriate funding for this item.

STAFF RECOMMENDATION: None. Information Only

Metropolitan Sewerage District of Buncombe County Board Action Item

Meeting Date: June 09, 2021

Subject: Renewal of Contract FY22 – Calcium Nitrate Solution

Submitted by: Tom Hartye, PE, General Manager

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

Prepared by: Heather Odom, Purchasing Supervisor

Background: MSD has been using a calcium nitrate based solution for the last few years to control hydrogen sulfide formation in the South French Broad Interceptor. Hydrogen sulfide is formed in wastewater after bacteria has used most of the available oxygen. It has a predominate rotten egg odor and is easily broken out of 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. Current contracted cost for calcium nitrate is \$2.18/gallon, with an estimated expenditure for FY21 – based on 70,000-gallon usage - of \$152,600.00.

At the June 10, 2020, MSD Board Meeting, bids for the calcium nitrate solution Contract for FY21 was presented to the Board. Aulick was the lowest bidder at \$2.18/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.

Aulick has agreed to the renewal conditions; therefore, this contract will be renewed for FY22. MSD staff is comfortable with the quality of the chemicals, and the customer service supplied by Aulick Solutions.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on an estimated use of 70,000 gallons at \$2.18/gallon, FY22 expenditures for Sodium Hypochlorite is anticipated to be \$152,600.00, within the levels budgeted by the WRF.

Staff Recommendation: None. For Information Only.



Metropolitan Sewerage District of Buncombe County Board Action Item

Meeting Date: June 10, 2020

Subject: Consideration of Bids – Calcium Nitrate Solution for Odor and Hydrogen Sulfide Control Contract FY21

Submitted by: Tom Hartye, General Manager

Reviewed by: W. Scott Powell, CLGFO - Finance Director
Billy Clarke - District Counsel

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

Background: MSD has been using a calcium nitrate based solution for the last few years to control hydrogen sulfide formation in the South French Broad Interceptor. Hydrogen sulfide is formed in wastewater after bacteria has used most of the available oxygen. It has a predominate rotten egg odor and is easily broken out of 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. Current contracted cost for calcium nitrate is \$1.99/gallon, with an estimated expenditure for FY20 – based on 70,000 gallons usage – of \$139,300.00.

Discussion: Pursuant to North Carolina Purchasing Statutes and MSD Procedures, on April 29, 2020, bids were emailed to vendors and an advertisement was placed on the MSD web site. Three bids were received. With approval of MSD Counsel, a Virtual bid opening - using the medium "GoToMeeting" - was held May 18, 2020. Aulick was the lowest bidder at \$2.18/gallon and agrees to hold their price firm for the total year contract irrespective of market changes. Aulick is a new supplier of calcium nitrate solution to MSD. MSD staff has checked references and feels comfortable with both the quality of the chemicals and the customer service that will be supplied by Aulick.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on an estimated use of 70,000 gallons at \$2.18/gallon, the annual expenditure for calcium nitrate solution is anticipated to be \$152,600.00 and is within levels budgeted by the WRF.

Staff Recommendation: Staff recommends that the Board award the contract for the supply of calcium nitrate solution to Aulick at a unit price of \$2.18/gallon.

Bid Review:

Vendor	Price per Gallon	Extended based on 90,000 est. gal	Comments
Southern Environmental Systems, Newberry, SC	\$2.36	\$165,200.00	Price good for one year
Aulick Nicholasville, KY	\$2.18	\$152,600.00	Price good for one year
Evoqua Sarasota, FL	\$2.51	\$175,910.00	Price good for one year

**ROBERTS
& STEVENS**
ATTORNEYS AT LAW

MARC RUDOW*
WILLIAM CLARKE
VINCENT D. CHILDRESS, JR.
GREGORY D. HUTCHINS
WYATT S. STEVENS
JACQUELINE D. GRANT
DAVID L. ENGLISH
F. LACHICOTTE ("LACH") ZEMP, JR.
KENNETH R. HUNT
DENNIS L. MARTIN, JR.
ANN-PATTON HORNTAL
PHILLIP T. JACKSON
JAMES W. K. WILDE
MARY ROBINSON HERVIG
*DRC CERTIFIED MEDIATOR

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FOUNDERS
LONDON ROBERTS
(1921-2007)
JOHN S. STEVENS
(1933-2019)

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

May 20, 2020

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

Via E-mail: JWillingham@msdbc.org

Re: Calcium Nitrate Solution Bid, Fiscal Year 2020-2021

Dear Ms. Willingham:

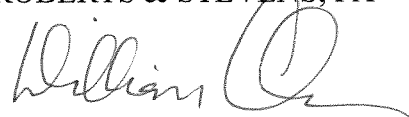
I have received and reviewed the specifications for Odor Control chemicals (Calcium Nitrate) to be purchased by MSD in 2020 and 2021 and the proposals from Evoqua, Aulick and Southern Environmental Systems.

Southern Environmental Systems	2.36 per gallon
Aulick	2.18 per gallon
Evoqua	2.51 per gallon

The proposals are in compliance with the bid specifications. MSD may award the contract for 2020 – 2021 (with an option to extend for another year) to the lowest responsible responsive bidder.

Sincerely,

ROBERTS & STEVENS, PA



William Clarke

BC/sh

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: June 9, 2021

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, 2021

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, 2021 were \$77,334,280. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.202%. 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, 2021 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of April 30, 2021 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$45,589,706.

Total Cash & Investments as of 4/30/2021		77,334,280
Less:		
Budgeted Commitments (Required to pay FY21 budgeted expenditures from unrestricted		
Construction Funds	(12,028,813)	
Operations & Maintenance Fund	<u>(4,963,437)</u>	
		(16,992,250)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(19,243)	
FY21 Principal & Interest Due	<u>(7,653,853)</u>	
		(7,673,096)
District Reserve Funds		
Fleet Replacement	(808,786)	
Pump Replacement	(149,931)	
WWTP Replacement	(234,307)	
Maintenance Reserve	<u>(1,010,216)</u>	
		(2,203,240)
District Insurance Funds		
General Liability	(472,644)	
Worker's Compensation	(415,163)	
Post-Retirement Benefit	(2,199,380)	
Self-Funded Employee Medical	<u>(1,788,801)</u>	
		<u>(4,875,988)</u>
Designated for Capital Outlay		<u>45,589,706</u>

Meeting Date: June 9, 2021

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021

Page 2

Staff Recommendation

None - Information Only.

Action Taken

Motion by: _____ to _____

Approve

Disapprove

Second by: _____

Table

Send to Committee

Other: _____

Follow-up required: _____

Person responsible: _____

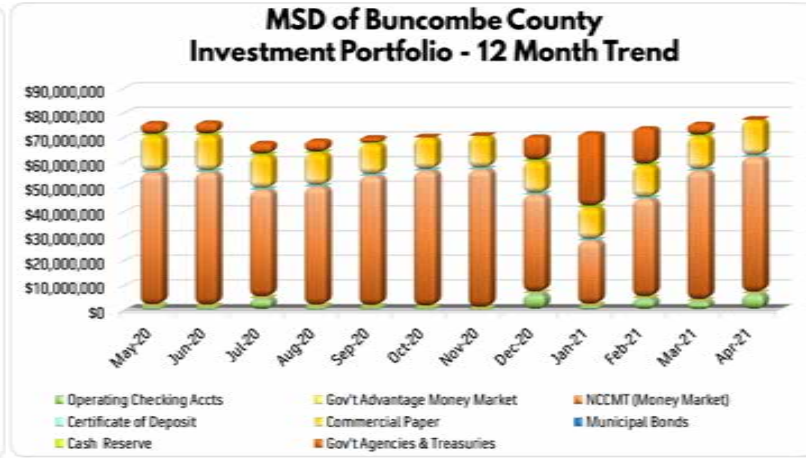
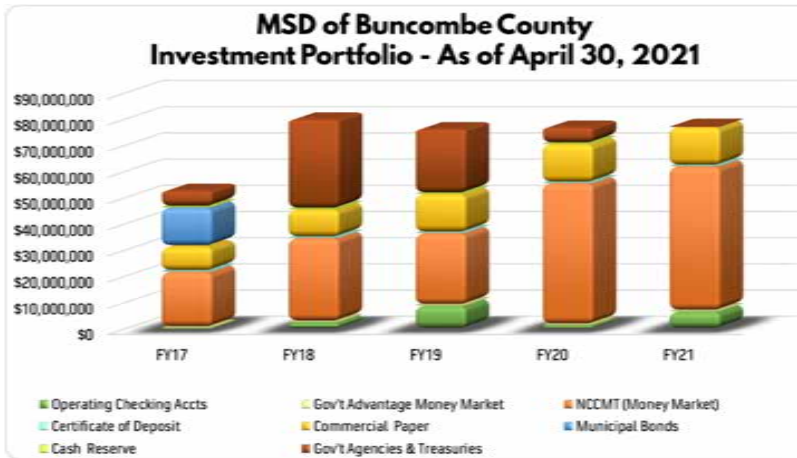
Deadline: _____

Metropolitan Sewerage District of Buncombe County Investment Portfolio

Meeting Date: June 9, 2021
 Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021
 Page 3

	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 19,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,243
Held by MSD	6,926,421	46,691	55,347,011	-	14,994,914	-	-	-	77,315,037
	\$ 6,926,421	\$ 46,691	\$ 55,366,254	\$ -	\$ 14,994,914	\$ -	\$ -	\$ -	\$ 77,334,280

Investment Policy Asset Allocation	Maximum Percent	Actual Percent	
U.S. Government Treasuries, Agencies and Instrumentalities	100%	0.00%	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 .05 % is exceeding the YTM benchmark of the NCCMT Government Portfolio.
Commercial Paper	20%	19.40%	
Municipal Bonds	100%	0.00%	
North Carolina Capital Management Trust	100%	71.58%	
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		8.96%	
Gov't Advantage Money Market		0.06%	



Meeting Date: June 9, 2021

Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021

Page 4

Metropolitan Sewerage District
Investment Managers' Report
On April 30, 2021

Summary of Asset Transactions

	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 66,865,674	\$ 66,870,664	\$ -
Capital Contributed (Withdrawn)	(1,481,964)	(1,481,964)	
Realized Income	405	405	
Unrealized/Accrued Income		2,406	
Ending Balance	<u>\$ 65,384,115</u>	<u>\$ 65,391,511</u>	<u>\$ -</u>

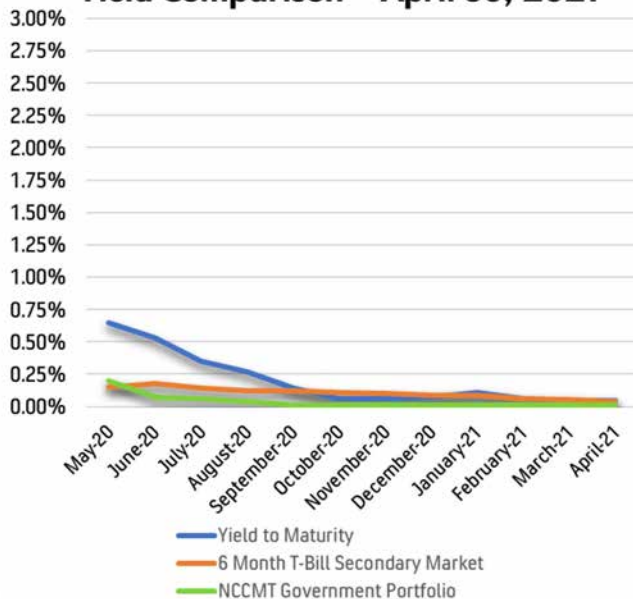
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 65,384,115	\$ 2,811
Securities/CD's 91 to 365 Days	-	-
Securities/CD's > 1 Year	-	-
	<u>\$ 65,384,115</u>	<u>\$ 2,811</u>

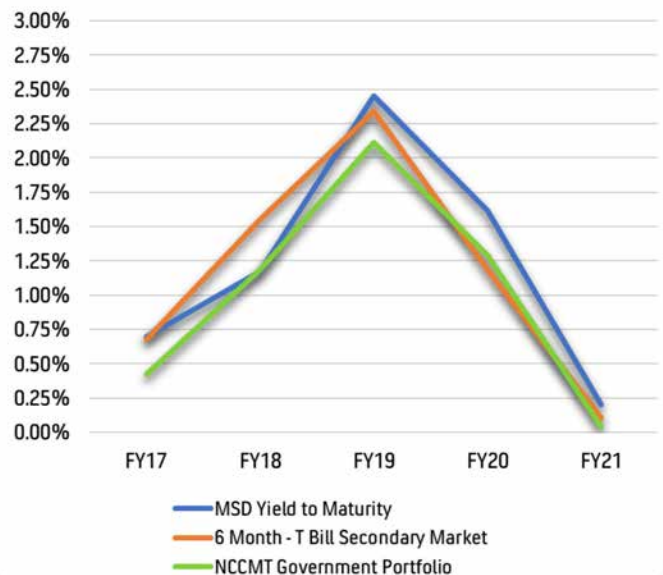
Month End Portfolio Information

Weighted Average Maturity	38
Yield to Maturity	0.05%
6 Month T-Bill Secondary Market	0.04%
NCCMT Government Portfolio	0.01%

**Metropolitan Sewerage District
Yield Comparison - April 30, 2021**



**Metropolitan Sewerage District
Annual Yield Comparison**



Meeting Date: June 9, 2021

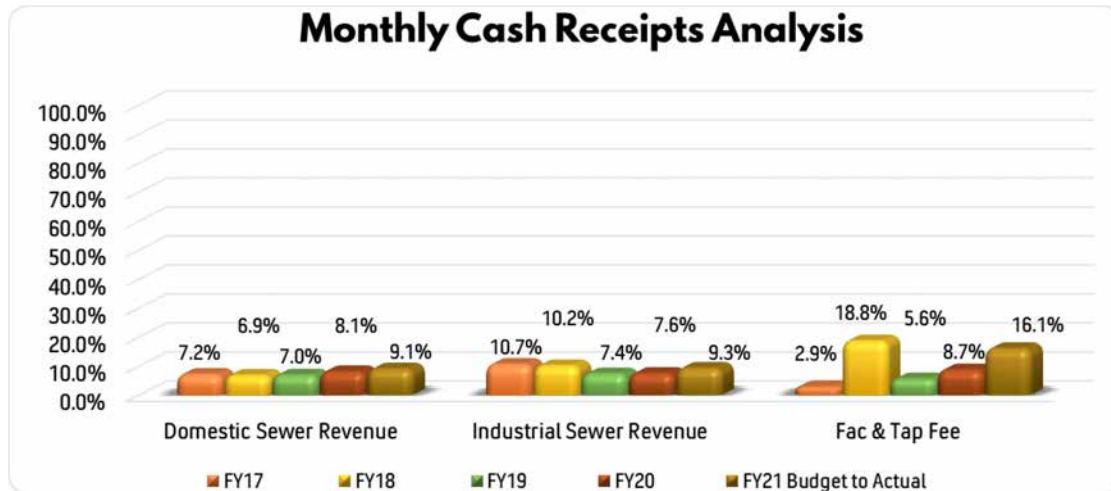
Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021

Page 5

Metropolitan Sewerage District

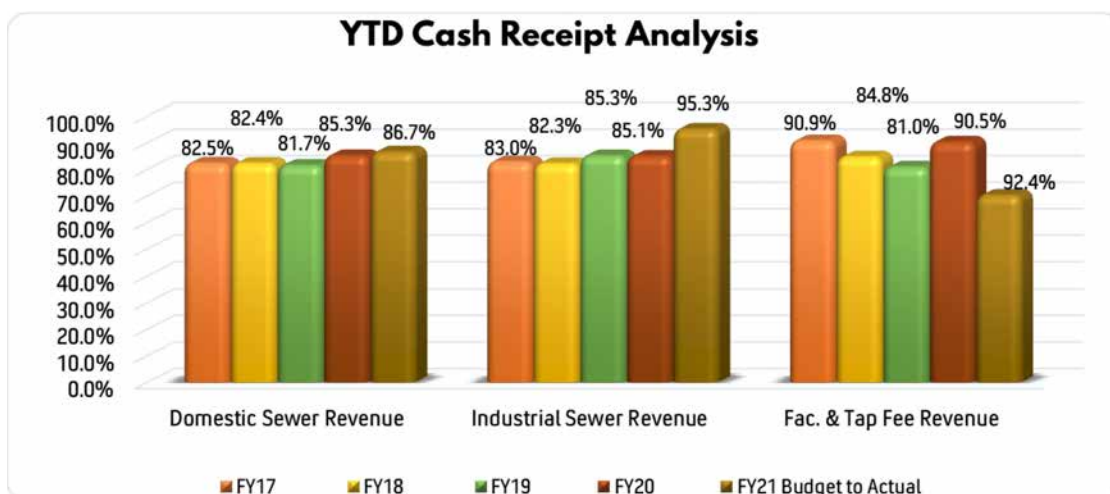
Analysis of Cash Receipts

As of April 30, 2021



Monthly Cash Receipts Analysis:

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



YTD Actual Revenue Analysis:

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

Meeting Date: June 9, 2021

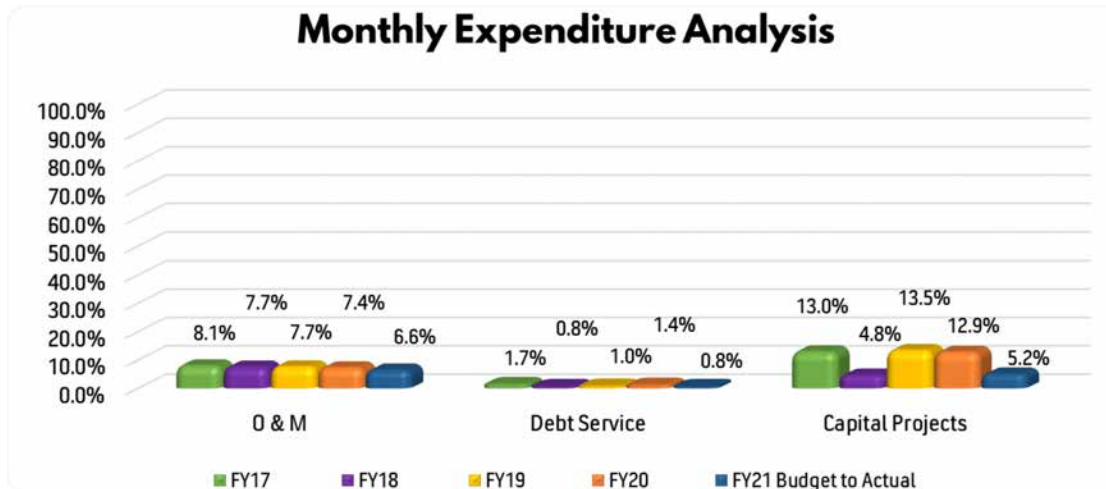
Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021

Page 6

Metropolitan Sewerage District

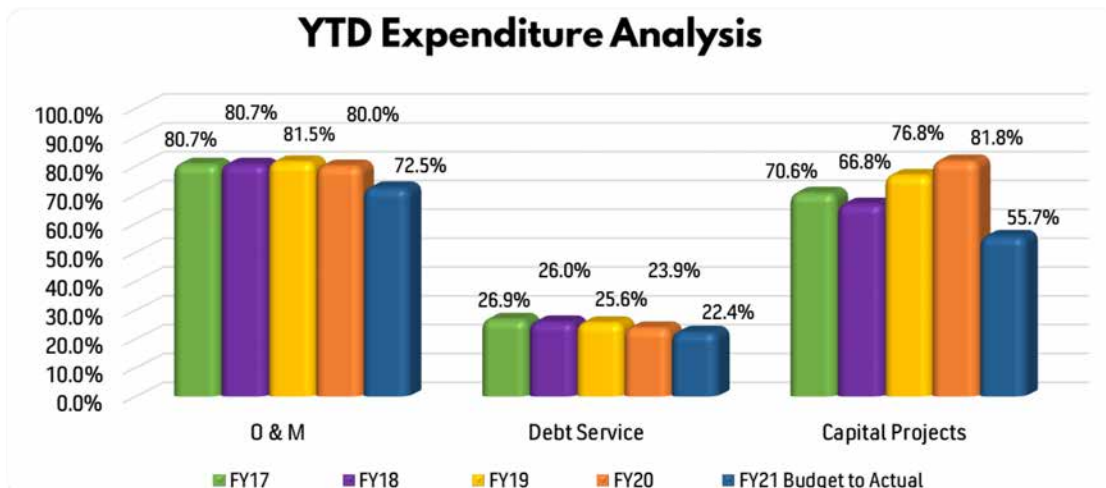
Analysis of Expenditures

As of April 30, 2021



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.

Meeting Date: June 9, 2021

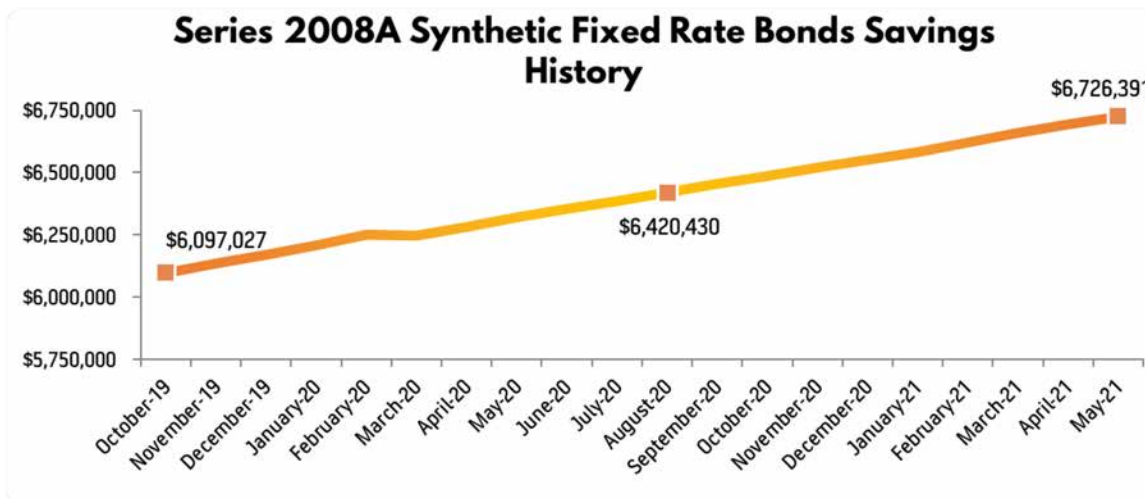
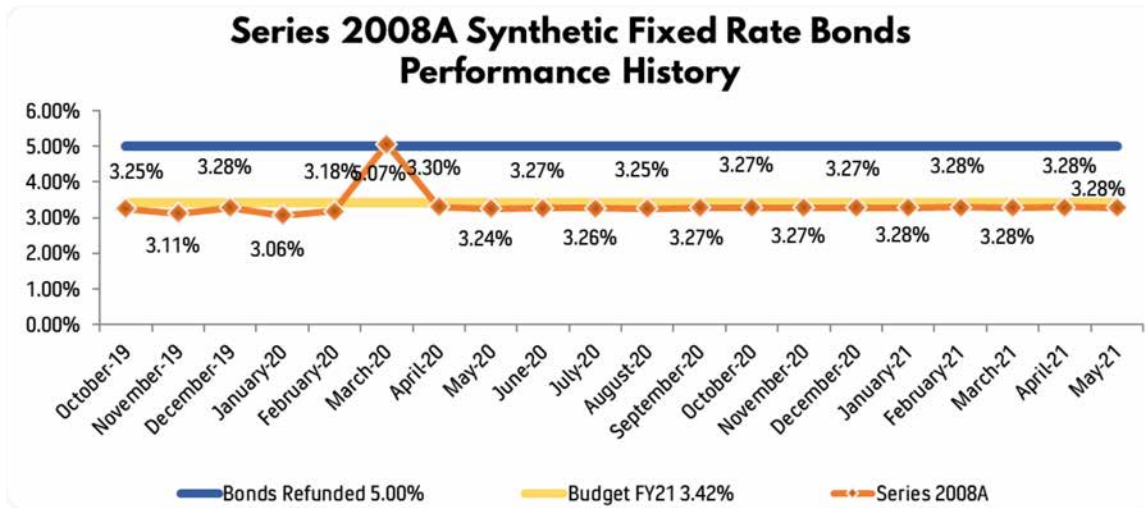
Subject: Cash Commitment/Investment Report-Month Ended April 30, 2021

Page 7

Metropolitan Sewerage District

Variable Debt Service Report

As of May 31, 2021



Series 2008A:

- ✦ Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$6,726,391 as compared to 4/1 fixed rate of 4.85%.
- ✦ Assuming the rate on the Series 2008A Bonds continues at the current all-in rate of 3.7210%, MSD will achieve cash savings of \$4,670,000 over the life of the bonds.
- ✦ MSD would pay \$3,051,644 to terminate the existing Bank of America Swap Agreement.

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

Meeting Date: June 9, 2021

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 Final Budget for FY 2021-2022 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 FY2021-2022 Preliminary Budget Document, proposed Budget Resolution, and Schedule of Rates, Fees, and Charges. On May 19th, the Board approved staff's recommendations.

Recommendations

There have been no changes to the Proposed Final Budget, Budget Resolution, and Schedule of Rates, Fees, and Charges. Staff recommends approval of the [FY2022 Final 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

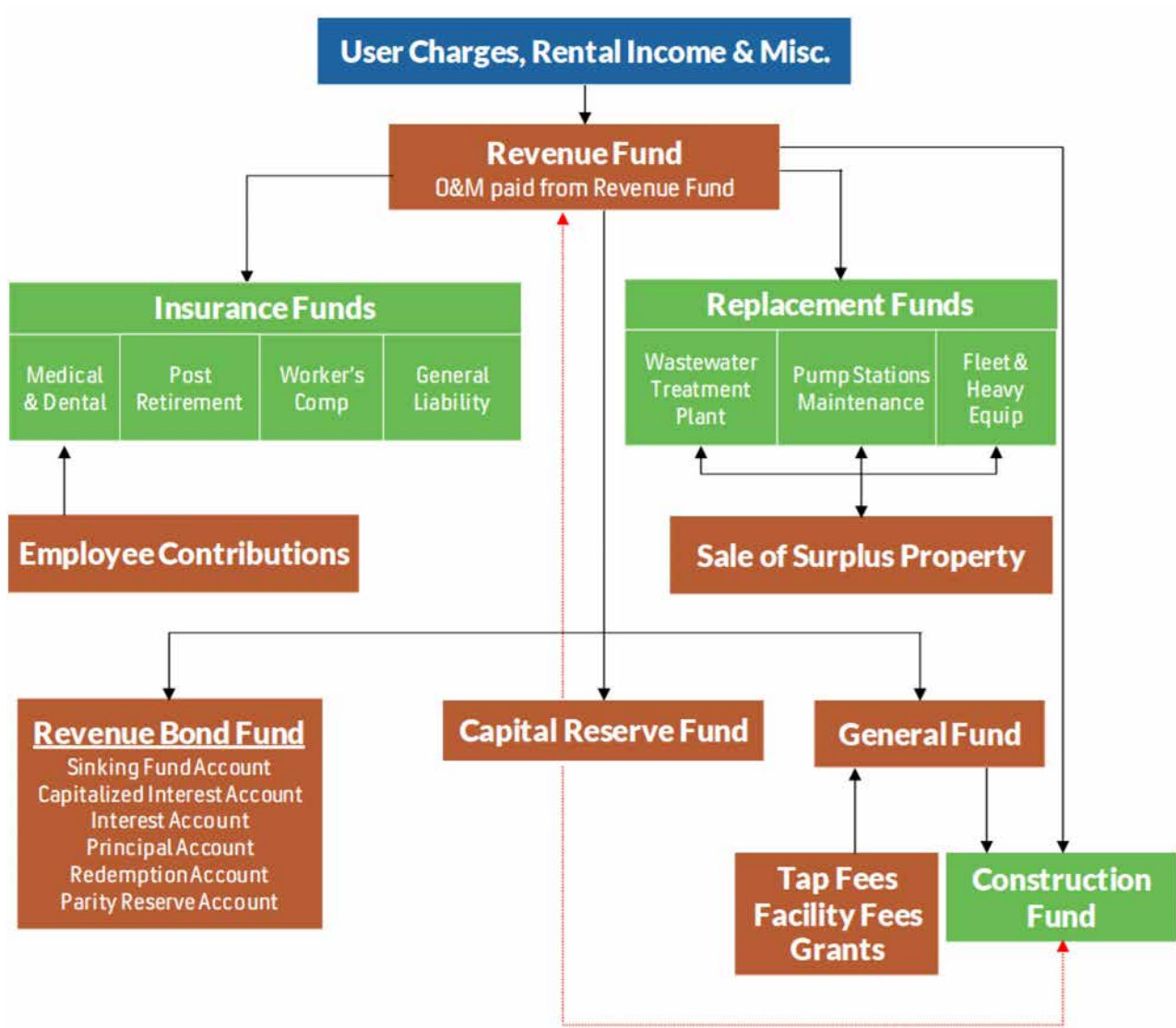
Person Required:

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, 2021 THRU June 30, 2022**

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 2021-2022 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, 2021 and ending June 30, 2022:

Operating and Maintenance Expenses	\$ 14,324,629
Transfer to Insurance Accounts	\$ 3,798,061
Transfer to Fleet & Heavy Equipment Fund	\$ 595,000
Transfer to Wastewater Treatment Plant Reser	\$ 200,000
Transfer to Pump Station Maintenance	\$ 55,000
Subtotal O&M	\$ 18,972,690
Transfer to the General Fund	\$ 28,422,532
Transfer to Debt Service Fund	\$ 9,823,943
	<u>\$ 57,219,165</u>

It is estimated that the following revenues will be available in the Revenue Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Domestic User Fees	\$ 34,939,096
Industrial User Fees	\$ 3,509,420
Billing and Collection Fees	\$ 952,783
Investment Interest	\$ 401,148
Reimbursement for Debt Service from COA	\$ 35,000
Rental Income	\$ 71,641
Appropriated from Net Position	\$ 17,310,077
	<u>\$ 57,219,165</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, 2021 and ending June 30, 2022:

Transfer into Construction	<u>\$ 30,622,532</u>
----------------------------	----------------------

It is estimated that the following revenues will be available in the General Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Facility and Tap Fees	\$ 2,175,000
Investment Income	\$ 125
Transfer In from Revenue Fund	\$ 28,422,532
Appropriated from Net Position	\$ 24,875
	<u>\$ 30,622,532</u>

3 The following amounts are hereby appropriated in the Construction Fund for Capital Improvement Plan expenditures for the fiscal year beginning July 1, 2021 and ending June 30, 2022.

Capital Improvements Projects	<u>\$ 30,622,532</u>
-------------------------------	----------------------

It is estimated that the following revenues will be available to the Construction Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022.

Investment Income	\$ 2,500
Transfer In from General Fund	\$ 30,622,532
Contribution to Net Position	\$ (2,500)
	<u>\$ 30,622,532</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, 2021 and ending June 30, 2022 are:

Operating Expenditures	<u>\$ 3,822,713</u>
------------------------	---------------------

It is estimated that the following revenues will be available in the Insurance Funds for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Transfer In from the Revenue Fund	\$ 3,798,061
Investment Income	\$ 3,000
Employee/Retirees Medical Contributions	\$ 393,600
Contribution To Net Position	\$ (371,948)
	<u>\$ 3,822,713</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, 2021 and ending June 30, 2022 estimated as follows:

Capital Equipment	<u>\$ 715,000</u>
-------------------	-------------------

It is estimated that the following revenues will be available in the Fleet & Heavy Equipment Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Transfer In from the Revenue Fund	\$	595,000
Sale of Surplus Property	\$	57,200
Investment Income	\$	2,165
Appropriated from Net Position	\$	60,635
	\$	<u>715,000</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, 2021 and ending June 30, 2022 estimated as follows:

Capital Equipment	\$	<u>192,609</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, 2021 and ending June 30, 2022:

Transfer In from the Revenue Fund	\$	200,000
Investment Income	\$	563
Contribution to Net Position	\$	(7,954)
	\$	<u>192,609</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, 2021 and ending June 30, 2022 estimated as follows:

Transfer to Capital Reserve	\$	53,341
Capital Equipment		<u>50,000</u>
	\$	<u>103,341</u>

It is estimated that the following revenues will be available in the Pump Station Replacement Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Transfer In from the Revenue Fund	\$	55,000
Investment Income	\$	774
Appropriated from Net Position	\$	47,567
	\$	<u>103,341</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, 2021 and ending June 30, 2022:

Debt Service	\$	<u>9,823,943</u>
--------------	----	------------------

It is estimated that the following revenues will be available in the Debt Service Fund for the fiscal year beginning July 1, 2021 and ending June 30, 2022:

Transfer In from the Revenue Fund	\$ 9,823,943
Investment Income	\$ 500
Contribution To Net Position	\$ (500)
	<u>\$ 9,823,943</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.
He may transfer any amounts within Debt Service and Reserve Funds designated
 - b. as excess by the Trustee into another fund.
He may transfer up to 10% of Insurance Fund reserves to meet current year
 - c. expenditures in excess of budget.
- 11 That the attached Schedule of Fees and Charges be adopted as effective July 1, 2021.
- 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 9th day of June 2021

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

Attest:

Jackie Bryson
Secretary/Treasurer

Metropolitan Sewerage District of Buncombe County, North Carolina
Schedule of Rates, Fees, and Charges - FY2022

Effective July 1, 2021

	ADOPTED FY2021 RATE	PROPOSED FY2022 RATE
Collection Treatment Charge		
Residential & Commercial Volume Charges (per CCF) Inside	\$ 4.73	\$ 4.86
Industrial Volume Charges (per CCF) Inside	4.73	4.86
Industrial Surcharge for BOD (per lb., BOD >250 mg/l) Inside	0.300	0.300
Industrial Surcharge for TSS (per lb., TSS >250 mg/l) Inside	0.250	0.250
Residential & Commercial Volume Charges (per CCF) Outside	4.74	4.87
Industrial Volume Charges (per CCF) Outside	4.74	4.87
Industrial Surcharge for BOD (per lb., BOD >250 mg/l) Outside	0.300	0.30
Industrial Surcharge for TSS (per lb., TSS >250 mg/l) Outside	0.250	0.25
Base Meter/Maintenance Charge & Billing Fee		
5/8"	7.29	7.49
3/4"	10.61	10.90
1"	18.83	19.35
1 1/2"	43.09	44.27
2"	76.20	78.30
3"	168.99	173.64
4"	301.57	309.86
6"	679.34	698.02
8"	1,206.24	1,239.41
10"	1,888.91	1,940.86
Billing Fee (per bill)	2.45	2.50
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.		
<i><u>Residential</u></i>		
Per Unit	2,836.00	2,836.00
Mobile Home	2,836.00	2,836.00
Multifamily Unit	1,900.00	1,900.00
Affordable Housing	670.00	670.00
<i><u>Nonresidential</u></i>		
5/8"	2,836.00	2,836.00
3/4"	4,254.00	4,254.00

Metropolitan Sewerage District of Buncombe County, North Carolina
Schedule of Rates, Fees, and Charges - FY2022

Effective July 1, 2021

	ADOPTED FY2021 RATE	PROPOSED FY2022 RATE
Sewer System Development Fees <i>(continued)</i>		
<i>Nonresidential (continued)</i>		
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
Other Fees		
Allocation Fee	170.00	170.00
Non-Discharge Permit	200.00	200.00
Plan Review Fee	450.00	450.00

Metropolitan Sewerage District of Buncombe County, North Carolina
Schedule of Rates, Fees, and Charges - FY2022

Effective July 1, 2021

	ADOPTED FY2021 RATE	PROPOSED FY2022 RATE
Other Fees, (continued)		
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.)	0.300	0.300
Total Suspended Solids >250 mg/l (per lb.)	0.250	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



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2020 to 4/30/2021

	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 2020	29	9	180	514	15	18	16,700	0	0	2124	11	0	2124
August 2020	25	9	73	591	17	20	19,850	0	474	1439	8	0	1913
September 2020	28	11	201	634	18	25	240	0	0	1213	10	0	1213
October 2020	30	12	72	872	20	20	1,260	0	0	1816	10	260	2076
November 2020	26	9	157	519	16	14	0	0	987	0	0	0	987
December 2020	22	13	74	631	9	27	0	0	553	0	0	0	553
January 2021	29	8	85	741	11	26	490	0	89	364	3	0	453
February 2021	27	17	125	758	16	27	0	0	185	2684	19	0	2869
March 2021	39	15	129	868	15	28	0	0	189	173	2	0	362
April 2021	19	11	59	939	13	38	50	0	695	0	1	0	695
Grand Totals	274	114	1,155	7,067	150	243	38,590	0	3172	9813	64	260	13245

* Used to calculate Total Rehab Footage

MSD System Services In-House Construction

FY 20-21

PROJECT NAME	LOCATION	ZIP CODE	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	NOTES
East Chestnut Ave. @ Five Points Line A Sewer Rehabilitation	Asheville	28801	580	5/11/20 - 7/2/20	268188	631	7/2/2020	638	Complete
WRF Ash Pump Line Replacement	Woodfin	28804	500	6/29/20-7/2/20	267391	674	7/2/2020	380	Complete
Caledonia Road at Springdale Rd	Asheville	28803	629	6/11/20 - 7/24/20	268194	674	7/14/2020	647	Complete
Cumberland Ave @ Magnolia Road Sewer Rehab	Asheville	28801	500	7/25/20 - 8/5/20	272220	674	7/31/2020	451	Complete
Lake Julian FM Replacement	Arden	28704	300	8/6/20 - 9/1/20	267272	674	8/12/2020	314	Complete
Winery Road Creek Crossing Repair	Asheville	28803	107	8/17/20 - 8/18/20	273337	614	8/18/2020	107	Complete
Westwood Avenue at Covered Corner Drive	Swannanoa	28778	1286	7/6/20 - 8/14/20	269524	631	8/26/2020	1125	Complete
217 Westwood Avenue Construction Rehabilitation	Swannanoa	28778	367	8/27/2020	269524	631	8/27/2020	367	Complete
91 Weaverville Road	Woodfin	28804	40	9/9/20 - 9/10/20	273982	647	9/10/2020	40	Complete
Wilson Avenue @ Dellwood Avenue Phase 1	Swannanoa	28778	1191	8/16/20 - 9/20/20	272531	674	9/29/2020	1173	Complete
Wilson Avenue @ Dellwood Avenue Phase 2	Swannanoa	28778	25	10/1/20 - 10/7/20	274491	674	10/7/2020	19	Complete
171 Forest Hills Drive Construction Rehab	Asheville	28803	260	10/18/2020	274835	608	10/18/2020	260	Complete
Eastwood Avenue @ Durham Place	Swannanoa	28778	1574	8/15/20 - 10/20/20	271745	631	10/30/2020	1591	Complete
Durham Place Replacement	Swannanoa	28778	225	11/1/20 - 11/6/20	275144	631	10/30/2020	206	Complete
214 Pine Hill Road Construction Rehab	Swannanoa	28778	148	11/12/2020	274408	631	11/12/2020	148	Complete
99 Old Patton Cove Road Construction Rehab	Swannanoa	28778	320	11/16/20 - 11/17/20	26639	631	11/17/2020	320	Complete
2317 US 70 Hwy Construction Rehab	Swannanoa	28778	1021	11/9/20 - 11/20/20	255611	631	11/16/2020	361	Complete
Union Chapel Road Construction Rehabilitation	Weaverville	28787	300	12/3/20 - 12/11/20	275349	631	12/9/2020	299	Complete
111 Compton Drive	Asheville	28806	370	12/14/20 - 1/15/21	228741	631	1/21/2021	364	Complete
Jarnaul Avenue Sewer Rehabilitation Phase I	Woodfin	28804	2554	10/12/20-2/19/21	273436	674	2/19/2021	2458	Complete
77 Dellwood Street Sewer Rehabilitation	Asheville	28804	200	2/21/21 - 2/28/21	237568	631	2/19/2021	226	Complete
51 Eastview Avenue	Ashweville	28803	50	3/12/2021	278219	511	3/12/2021	54	Complete
Mount Clare Ave @ 37 Donna Drive Rehab	Asheville	28804	142	2/22/21 - 3/10/21	276876	631	3/12/2021	173	Complete
23 Spears Avenue Sewer Rehabilitation	Asheville	28801	130	3/11/21 - 3/31/21	263130	631	3/31/2021	135	Complete
SandHill Road Construction Rehabilitation	Asheville	28806	185	4/5/2021	277293	543	4/5/2021	185	Complete
123 Wemberly Road Construction Rehabilitation	Asheville	28804	135	3/29/21 - 4/2/21	278406	631	4/7/2021	123	Complete
Lakeview Road Sewer Rehabilitation	Asheville	28804	1400	3/8/21 - 5/5/21	277697	674	5/4/2021	1411	Complete
White Oak Road Sewer Rehabilitation Phase I	Arden	28704	500	4/5/21 - 5/8/21	264966	631	5/14/2021	577	Complete
Sulphur Springs Road Sewer Rehabilitation	Asheville	28806	2,100	5/10/21 - 6/30/21	278841	674			Construction just underway
Dogwood Rd @ White Pine Sewer Rehabilitation	Arden	28704	565	5/10/21 - 6/18/21	265656	631			Construction 10% complete
72 Dillingham Road	Asheville	28805	234	6/21/21 - 7/23/21	39327	631			Ready for construction



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2020	111	25	36
	August, 2020	103	26	36
	September, 2020	109	27	39
	October, 2020	137	26	41
	November, 2020	107	25	31
	December, 2020	110	28	33
	January, 2021	132	34	35
	February, 2021	136	27	33
	March, 2021	170	33	36
	April, 2021	111	31	29
		1,226	29	35
NIGHT 1ST RESPONDER				
	July, 2020	42	29	26
	August, 2020	34	36	33
	September, 2020	23	32	36
	October, 2020	38	36	30
	November, 2020	24	43	28
	December, 2020	46	25	28
	January, 2021	35	31	26
	February, 2021	48	35	32
	March, 2021	41	34	24
	April, 2021	36	40	39
		367	34	30
ON-CALL CREW *				
	July, 2020	26	44	34
	August, 2020	34	46	31
	September, 2020	22	46	37
	October, 2020	32	60	36
	November, 2020	29	54	36
	December, 2020	43	30	39

* On-Call Crew Hours: 8:00pm-7:30am (Jul. - Oct.) 11:30pm-7:30am (from Nov. onward) Monday-Friday, Weekends, and Holidays



CUSTOMER SERVICE REQUESTS Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
ON-CALL CREW *				
	January, 2021	49	37	37
	February, 2021	36	46	38
	March, 2021	39	49	36
	April, 2021	36	29	42
		346	43	37
Grand Totals:		1,939	32	34

* On-Call Crew Hours: 8:00pm-7:30am (Jul. - Oct.) 11:30pm-7:30am (from Nov. onward) Monday-Friday, Weekends, and Holidays



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2020 to April 30, 2021

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2020							
July	139,745	1,781	1,508	141,253	17,283	17,249	16,389
August	120,958	1,682	1,115	122,073	29,203	30,909	24,117
September	86,789	1,342	2,545	89,334	22,635	4,520	31,359
October	70,467	1,264	5,903	76,370	21,650	3,640	83,346
November	71,302	1,592	1,675	72,977	18,441	2,890	50,836
December	56,115	1,262	275	56,390	16,585	0	50,297
2021							
January	72,173	2,395	2,772	74,945	13,327	276	42,747
February	68,713	1,972	1,661	70,374	22,107	1,673	42,287
March	54,659	3,137	3,588	58,247	19,323	100	28,763
April	39,710	1,654	1,785	41,495	29,491	5,852	92,837
Grand Total:	780,631	18,081	22,827	803,458	210,045	67,109	462,978
Avg Per Month:	78,063	1,808	2,283	80,346	21,005	6,711	46,298

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

June 2, 2021

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
CHESTNUT LODGE ROAD	Black Mountain	Terry Brothers Construction Company	8/19/2020	8/20/2020	6/30/2021	\$1,463,800.80	98%	Final walk through is being scheduled.
JARNAUL AVENUE PHASE 2	Asheville 28804	Terry Brothers Construction Company	2/17/2021	2/24/2021	6/24/2021	\$476,360.50	95%	Asphalt resurfacing to be done, then a final walk through will be scheduled.
SPRINGSIDE ROAD @ OVERLOOK ROAD	Asheville 28803	Huntley Construction Company	5/19/2021	6/2/2021	12/29/2021	\$781,591.00	0%	Project was awarded to Huntley Construction Company. Preconstruction meeting was held on 5/27/21.
WRF- PLANT HIGH RATE PRIMARY TREATMENT	Woodfin	Shook Construction Company	10/17/2018	1/7/2019	10/31/2021	\$15,188,281.87	87%	Miscellaneous electrical and piping is being completed, equipment startup to begin soon. Final completion delayed due to equipment lost in fire.

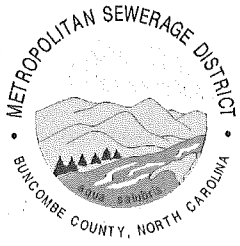
***Updated to reflect approved Change Orders and Time Extensions**

Planning & Development Project Status Report

Active Construction Projects Sorted by Work Location and Project Number

May 28, 2021

No.	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	Testing
4	Hounds Ear (Mears Ave Cottages)	2016123	Asheville	28806	18	402	8/18/2017	Pre-con held, construction not yet started
5	Element Hotel	2016124	Asheville	28805	Comm.	177	1/21/2020	Final Inspection complete, awaiting close-out docs
6	Ashecroft Ph. 2	2016229	Asheville	28806	40	2,450	2/20/2018	On hold
7	RADTIP	2017052	Asheville	28801	0	919	2/13/2018	Final Inspection complete, awaiting close-out docs
8	Gudger Road	2017226	Asheville	28715	6	90	3/9/2021	Waiting on final inspection
9	US 74 Commercial Development	2018010	Asheville	28803	4	265	5/25/2018	Final Inspection complete, awaiting close-out docs
10	Whitney Drive Subdivision	2018057	Asheville	28806	15	425	3/12/2021	Pre-con held, construction not yet started
11	Fern Street	2018081	Asheville	28803	8	60	2/15/2019	Final Inspection complete, awaiting close-out docs
12	Tru by Hilton	2018131	Asheville	28805	1	248	1/25/2019	Final Inspection complete, awaiting close-out docs
13	Rowhouse Development	2018205	Asheville	28801	20	365	1/7/2020	Waiting on final inspection
14	Hibriten Subdivision	2018274	Asheville	28801	9	175	3/2/2021	Waiting on final inspection
15	Timber Hollow Subdivision	2019049	Asheville	28805	18	525	7/28/2020	Installing
16	Mountain Song	2019065	Asheville	28806	5	263	5/1/2020	Final Inspection complete, awaiting close-out docs
17	Amaranth Apartments	2019068	Asheville	28715	70	840	5/21/2020	Waiting on final inspection
18	Enclave at Piney Mtn. Ph. 1	2019075	Asheville	28805	211	740	3/19/2021	Installing
19	UNC-A Edgewood Road Parking Lot	2019078	Asheville	28801	Comm.	373	7/19/2019	Final Inspection complete, awaiting close-out docs
20	River Takh (Ulrichs) Sewer Extension	2019117	Asheville	28806	10	200	10/30/2020	Final Inspection complete, awaiting close-out docs
21	Ironwood Sewer Relocation	2019123	Asheville	28801	554	227	4/23/2021	Pre-con held, construction not yet started
22	Hawthorne at Haywood Phase 2	2019130	Asheville	28806	92	668	12/15/2020	Waiting on final inspection
23	Abundance Run Subdivision	2019141	Asheville	28805	16	500	12/20/2019	Installing
24	Towne Place by Marriott (Bear Creek)	2019187	Asheville	28806	Comm.	264	2/28/2020	Waiting on final inspection
25	Third Street Cottages Ph. 1 Relocation	2019242	Asheville	28803	4	115	3/17/2021	In Construction
26	Overlook Circle Subdivision	2019256	Asheville	28803	7	180	8/11/2020	Final Inspection complete, awaiting close-out docs
27	Craggy Park Ph. 2	2020038	Asheville	28806	27	1,300	11/24/2020	Waiting on final inspection
28	Airport Road Commercial Relocation	2020152	Asheville	28704	Comm.	204	5/13/2021	Installing
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	Chapman's Cove	2017227	Black Mountain	28711	10	430	9/21/2018	Final Inspection complete, awaiting close-out docs
32	262 Flat Creek Road	2018223	Black Mountain	28711	3	286	12/6/2019	Final Inspection complete, awaiting close-out docs
33	Givens Highland Farms-Cottage Development	2018272	Black Mountain	28711	16	1,355	9/13/2019	Final Inspection complete, awaiting close-out docs
34	Padgettown Road - Phase 2	2019085	Black Mountain	28711	43	1,308	7/19/2019	Final Inspection complete, awaiting close-out docs
35	Waightstill Mountain Phase 2B	2015155	Buncombe Co.	28704	16	1,784	4/23/2019	Final Inspection complete, awaiting close-out docs
36	Bee Tree Village	2015158	Buncombe Co.	28778	26	1,118	3/17/2017	Final Inspection complete, awaiting close-out docs
37	NC DOT I-5504 NC 191/I-26 Interchange	2016132	Buncombe Co.	28806	0	355	10/23/2017	In Construction
38	Upper Grassy Branch Road	2018087	Buncombe Co.	28805	6	250	8/31/2018	Waiting on final inspection
39	Victoria Hills (Lance Road) Ph. 1	2018094	Buncombe Co.	28704	38	1,176	3/6/2020	Testing
40	Victoria Hills (Lance Road) Ph. 2 & 3	2018094	Buncombe Co.	28704	54	2,180	3/6/2020	Testing
41	Starnes Cove Subdivision	2018106	Buncombe Co.	28806	14	315	9/6/2019	Final Inspection complete, awaiting close-out docs
42	Bee Tree Road	2018115	Buncombe Co.	28778	6	240	12/18/2018	Final Inspection complete, awaiting close-out docs
43	Rockdale Subdivision	2018145	Buncombe Co.	28778	9	630	3/17/2020	Final Inspection complete, awaiting close-out docs
44	Retreat at Arden Farms	2018207	Buncombe Co.	28704	416	299	11/19/2019	Final Inspection complete, awaiting close-out docs
45	Reserve at Gashes Creek	2018208	Buncombe Co.	28803	190	1,940	8/2/2019	Waiting on final inspection
46	Birch Lane	2018241	Buncombe Co.	28704	26	875	1/3/2020	Final Inspection complete, awaiting close-out docs
47	Lower Grassy Branch Ph. 2	2018252	Buncombe Co.	28805	12	270	1/21/2020	Final Inspection complete, awaiting close-out docs
48	Rice MHP Off-Site	2019029	Buncombe Co.	28715	TBD	460	4/24/2020	Final Inspection complete, awaiting close-out docs
49	Reflection Pointe	2019032	Buncombe Co.	28806	270	1,995	6/30/2020	Waiting on final inspection
50	Roberson Relocation	2019037	Buncombe Co.	28715	Comm.	200	4/24/2020	Pre-con held, construction not yet started
51	Jasper Apartments	2019086	Buncombe Co.	28778	100	760	12/8/2020	Waiting on testing
52	Aiken Road Multi-Family	2019128	Buncombe Co.	28804	407	4,620	10/2/2020	On hold
53	Fairview Meadows Subdivision	2019142	Buncombe Co.	28730	42	1,460	8/28/2020	Waiting on final inspection
54	Riceville Road Development	2019156	Buncombe Co.	28805	7	145	1/21/2020	Final Inspection complete, awaiting close-out docs
55	Sycamore Cove Subdivision	2019158	Buncombe Co.	28803	26	570	6/9/2020	Installing
56	Fields Jaguar	2019169	Buncombe Co.	28704	Comm.	305	10/27/2020	Testing
57	Twin Oaks Subdivision	2019195	Buncombe Co.	28704	45	2,300	10/9/2020	Waiting on final inspection
58	Laurelwood Village	2019216	Buncombe Co.	28704	29	855	5/25/2021	Pre-con held, construction not yet started
59	CMH Homes - N. Louisiana Ave.	2019220	Buncombe Co.	28806	30	1,187	7/28/2020	Installing
60	841 Charlotte Hwy	2019222	Buncombe Co.	28730	Comm.	110	4/20/2021	Pre-con held, construction not yet started
61	Creekside Cottages	2019255	Buncombe Co.	28704	6	400	3/12/2015	Phase 2 Construction Not started
62	Fisher Mill Road	2020015	Buncombe Co.	28704	3	380	10/20/2020	Final Inspection complete, awaiting close-out docs
63	Fountain Park Subdivision - Ph. 2	2020026	Buncombe Co.	28806	120	4,611	7/12/2019	Waiting on final inspection
64	Haakon	2020055	Buncombe Co.	28715	Comm.	230	9/29/2020	Waiting on final inspection
65	Amarx - Clayton Road	2020075	Buncombe Co.	28704	24	1,080	4/16/2021	Installing
66	Holbrook Road Subdivision - Ph. 2	2020150	Buncombe Co.	28715	16	670	11/13/2020	Final Inspection complete, awaiting close-out docs
67	Town Mountain Preserve Ph. 2	2020197	Buncombe Co.	28804	6	1,210	5/28/2021	Pre-con held, construction not yet started
68	Holbrook Road Subdivision - Ph. 3	2020243	Buncombe Co.	28715	29	1,365	4/27/2021	Pre-con held, construction not yet started
69	Holbrook Road Subdivision - Ph. 4	2020244	Buncombe Co.	28715	12	454	4/27/2021	Pre-con held, construction not yet started
70	Dollar Tree - Candler Sewer Relocation	2021001	Buncombe Co.	28715	Comm.	88	5/7/2021	Installing
71	Nesbitt Farms Ph. 2	2018101	Cane Creek	28759	81	4,094	2/23/2021	Testing
72	Collett Industrial (Banner Farm)	2020108	Cane Creek	28759	Comm.	255	11/20/2020	Punchlist Pending
73	828 North	2017153	Weaverville	28787	224	1,090	11/17/2020	Final Inspection complete, awaiting close-out docs
74	Ambler's Chase	2017249	Weaverville	28787	21	1,235	11/29/2018	Waiting on final inspection
75	The Holston	2019133	Weaverville	28787	240	36	6/2/2020	Waiting on final inspection
76	Northridge Commons Retail	2020147	Weaverville	28787	Comm.	790	12/1/2020	Waiting on testing
77	Greenwood Park Ph. 2	2020245	Weaverville	28787	25	1,560	5/25/2021	Pre-con held, construction not yet started
78	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Final Inspection complete, awaiting close-out docs
79	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Final Inspection complete, awaiting close-out docs
80	Skyfin-Terraces at Reynolds Mtn -Phase 2	2018187	Woodfin	28804	10	140	8/8/2017	Final Inspection complete, awaiting close-out docs
81	Skyfin-Terraces at Reynolds Mtn -Phase 3	2020176	Woodfin	28804	12	605	8/8/2017	Final Inspection complete, awaiting close-out docs
82	Skyfin-Terraces at Reynolds Mtn - Phase 4	2020167	Woodfin	28804	5	100	8/8/2017	Installing
83	Brown Avenue	2018267	Woodfin	28804	3	62	7/2/2019	Final Inspection complete, awaiting close-out docs
84	Serenity Townhomes	2020037	Woodfin	28804	8	480	7/14/2020	Pre-con held, construction not yet started
85	Weaverville Road Subdivision	2020123	Woodfin	28804	4	600	4/6/2021	Pre-con held, construction not yet started
			TOTAL		4,007	66,473		



Metropolitan Sewerage District

OF BUNCOMBE COUNTY, NORTH CAROLINA

MSD BOARD
MEETING NOTICE
June 9, 2021 @ 2:00 PM

You may join meeting by dialing in:

United States (Toll Free): 1-866-899-4679

United States: +1 (571) 317-3116

Access Code: 629-388-469

~Protecting Our Natural Resources~

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 6/9/2021

✓	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 19, 2021 Board Meeting	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda	VeHaun	2:15	
	04. Introduction of Guests	VeHaun	2:20	
	05. Informal Discussion and Public Comment	VeHaun	2:25	
	06. Report of General Manager	Hartye	2:30	
	07. Consolidated Motion Agenda	Hartye	2:40	
	a. Consideration of Developer Constructed Sewer Systems – Olivette Phase 2A Gravity Master Plan Sewer Extension; Maple Trace Phase 4; 100 Airport Road; Village @ Bradley Branch Phase	Hartye		
	b. Non-City of Asheville Road ROW Paving Restoration Contract – FY22	Hartye		
	c. City of Asheville Paving Agreement FY22	Hartye		
	d. Renewal of Contract – Calcium Nitrate Solution for Odor & Hydrogen Sulfide Control	Hartye		
	e. Cash Commitment/Investment Report – Month ended April, 2021	Powell		
	08. Consideration of Resolution Adopting Final Budget for FY21-22 and Schedule of Sewer Rates and Fees	Powell	2:50	
	09. Old Business	VeHaun	3:00	
	10. New Business:	VeHaun	3:10	
	11. Adjournment: (Next Meeting 7/21/21)	VeHaun	3:15	
	STATUS REPORTS			