

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
JULY 19, 2017

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration building at 2pm Wednesday, July 19, 2017. Chairman VeHaun presided with the following members present: Bryson, Collins, Creighton, Frost, Kelly, Manheimer, Pelly, Pressley, Root and Wisler. The following members were absent: Ashley.

Others present were: Thomas E. Hartye, General Manager; William Clarke, General Counsel; Forrest Westall with McGill Associates; Ed Bradford, Cheryl Rice, Jim Hemphill, Matthew Walter, Peter Weed, Mike Stamey, Ken Stines, Spencer Nay and Pam Nolan.

2. Election of Officers:

Mr. VeHaun called on Mr. Clarke to preside over the election of the Chairman. Mr. Clarke called for nominations for Chairman of the MSD Board. Mr. Kelly nominated Mr. VeHaun as Chairman. Ms. Frost and Mr. Pressley seconded the nomination. Mr. Clarke called for further nominations. With no further nominations Mr. Clarke called for a motion that nominations be closed. Mr. Root made the motion. Mr. Kelly seconded. Voice vote in favor of the motion was unanimous. With Mr. VeHaun being the only nominee for Chairman of the Board for 2017-2018, Mr. Clarke asked for a show of hands in support of Mr. VeHaun being elected to serve as Chair. All were in favor.

Mr. VeHaun called for nominations for Vice Chairman of the MSD Board. Mr. Root nominated Mr. Kelly. Ms. Bryson seconded the nomination. Mr. VeHaun called for further nominations. With no further nominations, Mr. VeHaun called for a motion that nominations be closed and that, by acclamation, Mr. Kelly be elected as Vice Chairman of the MSD Board for 2017-2018. Ms. Wisler made the motion. Mr. Pelly seconded the motion. Voice vote in favor of the motion was unanimous.

Mr. VeHaun appointed Ms. Bryson as Secretary/Treasurer of the MSD Board for 2017-2018. Mr. Kelly moved to approve the appointment of Ms. Bryson. Mr. Pelly seconded the motion. Voice vote in favor of the appointment was unanimous.

3. Inquiry as to Conflict of Interest:

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

4. Approval of Minutes of the June 19, 2017 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the June 19, 2017 Board Meeting. Ms. Frost moved for approval of the minutes

as presented. Mr. Pressley seconded the motion. Voice vote in favor of the motion was unanimous.

5. Discussion and Adjustment of Agenda:

None

6. Informal Discussion and Public Comment:

None

7. Report of General Manager:

Mr. Hartye reported that this year's United Way Golf Tournament will be held at the Grove Park Inn golf course at 7 am on September 14th. Please contact Owen Herbert at 828-225-8331 or OwenH@msdbc.org.

Mr. Hartye reported that Bill Slawter of 47 Dogwood Road called to express his appreciation for Roy Lytle and crew. Mr. Slawter stated that he was very pleased with the work they did. Thanks to Roy, Billy Cantrell, Marvin Felder, Jamie Foxx and Nicolas Hercules.

Mr. Hartye reported the Right of Way Committee meeting scheduled for July 26th at 9 am has been cancelled. The next Right of Way Committee meeting will be held on August 23rd at 9am.

8. Report of Committees:

Personnel Committee:

Ms. Bryson reported that the Personnel Committee met on this day at 1:00 pm to consider the evaluation of the General Manager. The Committee recommends the Board approve an increase of 3.0%. Mr. Clarke noted that 3.0% is the raise all MSD employees received. He further reported that 3.0% for Mr. Hartye will be an increase of \$5,562.00/year. Mr. Hartye's current salary is \$185,400.00/year. Mr. VeHaun called for a motion to approve the recommendation of the Personnel Committee. Mr. Creighton moved. Mr. Kelly seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

9. Consolidated Motion Agenda:

a. Consideration of Bids – Point Repair Contract No. 2:

Mr. Hartye reported that this project is comprised of various point repairs located throughout the District's service area. This contract was informally advertised and two bids were received on June 29, 2017 as follows: Terry Brothers Construction Company with a bid of \$259,000.00 and Patton Construction Group with a bid of \$215,610.00. The apparent low bidder is Patton Construction Group. Patton has

completed rehabilitation projects and sewer line extensions for the District and their work quality has been excellent. Patton was also the contractor on the previous point repair contract. The FY 17-18 Construction Budget for this project is \$250,000.00. Staff recommends award of this contract to Patton Construction Group in the amount of \$215,610.00, subject to review and approval by District Counsel.

b. Consideration of Bids – Louisiana Avenue @ Brucemont Circle GSR:

Mr. Hartye reported that this project is located in West Asheville and is being split between the MSD construction group and a contractor. The new line is comprised of 1,420 LF of 8-inch DIP to be installed by dig and replace. An additional 1,000 LF of this line will be rehabilitated by MSD System Services, for a total project length of 2,420 LF. The contract was advertised and two bids were received on June 29, 2017. The contract was re-advertised and two bids were received on July 10, 2017 in the following amounts: Thomas Construction Company in the amount of \$498,085.00 and Terry Brothers Construction Company in the amount of \$363,252.00. The apparent low bidder is Terry Brothers Construction Company. They have completed numerous projects for MSD and their work quality continues to be good. The FY 17-18 Construction Budget for this project is \$550,000.00, with the estimate for this contracted portion to be \$370,000.00. Staff recommends award to Terry Brothers Construction Company in the amount of \$363,252.00, subject to review and approval by District Counsel.

c. Consideration of Developer Constructed Sewer Systems: Conestee Subdivision, 880-888 Patton Avenue and Upstream Way Phase 2:

Mr. Hartye reported that the Conestee Street Subdivision project included extending approximately 107 linear feet of 8-inch public gravity sewer to serve the seven unit residential development.

Mr. Hartye reported that the 880-888 Patton Avenue project included extending approximately 86 linear feet of 8-inch public gravity sewer to better serve the commercial development.

Mr. Hartye reported the Upstream Way Phase 2 project is located off of Amboy Road and included extending approximately 398 linear feet of 8-inch public gravity sewer to serve this phase of the eleven unit residential development.

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

d. Consideration of Required Resolutions to Implement 401(a) Plans:

Mr. Hartye reported that in 1996 and 2001, MSD engaged Valic Retirement Services and Nationwide Insurance to provide “Deferred Compensation” programs to its employees. When these plans were initially set up, based on outside advice, MSD did not pay the FICA on MSD’s contributions. In March of 2017 MSD discovered this error and began to work to resolve the issue. An outside Counsel who specializes in Deferred Compensation and Retirement Plans recommended creating 401(a) plans with our current vendors that mirror the 457 plans. The MSD Board is requested to approve the two attached resolutions creating 401(a) Retirement Plans offered by Nationwide Insurance and Valic Retirement Services. Mr. Clarke reported that the error was probably someone relying on an attorney with one of the retirement services giving a verbal telephone opinion for MSD to not pay FICA on these deferred compensation plans. He further stated that MSD discovered this year in conversations with the State Treasurer that it was in fact required. Mr. Capwell with McQuire Woods in Charlotte specializes in this area and helped MSD fix the problem. Mr. Root asked if MSD owed a big lump sum for back pay. Mr. Hemphill stated that MSD has done what the IRS allows, which is go back for the last three years to recover as much as identified and pay them back. Mr. Hemphill stated that it came to approximately \$27,000.00. The IRS will not allow you to go back and fix everything. MSD identified their responsibility in these areas and when the employee cashes out from the plans, Staff works closely with Valic and Nationwide to identify how much is there. MSD will identify what the tax liability is and pay that tax liability. When MSD pays that tax liability, that then becomes a taxable event for the employee. All of the employees involved are aware of this. None of these employees have objected. Total cost over the life of the plan in terms of FICA and tax penalties should be less than \$100,000.00. Mr. Clarke asked how many employees are currently involved? Mr. Hemphill stated that there are 28 total employees over the years that are still active in the plan, 7 are current employees who are active in the plan. Mr. Pelly asked what amount of time that would be spread over? Mr. Hemphill stated 10–25 years but Staff does not see this as a big issue.

e. Cash Commitment/Investment Report Month ended May 31, 2017:

Mr. Hartye reported that there is \$53 Million in the bank and the balance after this year’s obligation is \$29 Million, which carries over toward construction for next year. The Investment Portfolio shows no significant change from last month. The Investment Manager’s report shows no significant change. The District’s Cash Receipts for Monthly and YTD domestic and industrial sewer revenue are in line with the exception of the Development Fees which are “bullish” and continue to be so. Monthly and YTD O&M expenditures are in line with the exception of the Capital Projects which are running a few months behind

on our multi-year project at the plant, which is spread over 3 fiscal years. Mr. Hartye presented the report for the 2008A Series Refunding Bonds which have saved the District's rate payers over \$5 million dollars in debt service since April 2008.

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

Mr. Hartye reported that Status Reports are included at the end of the Board packages each month. The MSD System Services In-House Construction Report shows the 20,000 LF of projects completed each year; the Pipeline Maintenance totals show the washing, rodding, cctv'ing and smoke testing performed to meet the 500,000 LF required per year; the Customer Service Requests report shows the average response time for all calls and pointed out that the average response time is 36 minutes during normal working hours and 38 minutes after hours to any call that comes in; the Right of Way Summary shows the status of all open projects in the Right of Way Section; the Capital Improvement Program Summary reports on the larger, contracted out projects; and the Planning & Development Project Report shows the status of all active Planning and Development projects.

10. Old Business:

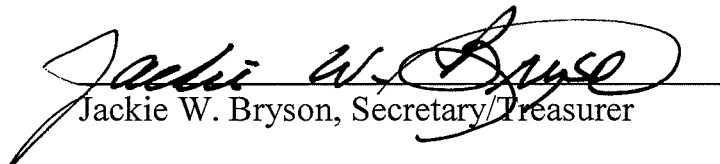
None

11. New Business:

None

12. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:21 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 7/19/17

✓	Agenda Item	Presenter	Time	
	Call to Order and Roll Call	VeHaun	2:00	
	01. Election of Officers	VeHaun	2:05	
	02. Inquiry as to Conflict of Interest		2:10	
	03. Approval of Minutes of the June 14, 2017 Board Meeting	VeHaun	2:15	
	04. Discussion and Adjustment of Agenda.	VeHaun	2:20	
	05. Informal Discussion and Public Comment	VeHaun	2:25	
	06. Report of General Manager	Hartye	2:30	
	07. Report of Committees	VeHaun	2:40	
	a. Personnel Committee – July 19, 2017	Bryson		
	08. Consolidated Motion Agenda	Hartye	2:45	
	a. Consideration of Bids – Point Repair Contract No. 2	Hartye		
	b. Consideration of Bids – Louisiana Ave. @ Brucemont Circle GSR	Hartye		
	c. Consideration of Developer Constructed Sewer Systems – Conestee Subdivision, 880-888 Patton Avenue and Upstream Way Phase 2	Hartye		
	d. Consideration of Required Resolutions to Implement 401(a) Plans	Hartye		
	e. Cash Commitment/Investment Report Month Ended May 31, 2017	Powell		
	09. Old Business:	VeHaun	3:15	
	10. New Business:	VeHaun	3:20	
	11. Adjournment: (Next Meeting 8/16/17)	VeHaun	3:30	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
JUNE 14, 2017

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board and Public Hearing on the Budget for FY 2017-2018 was held in the Boardroom of MSD's Administration building at 2pm Wednesday, June 14, 2017. Chairman VeHaun presided with the following members present: Ashley, Bryson, Collins, Creighton, Kelly, Manheimer, Pelly, Pressley and Wisler. The following members were absent: Frost and Root.

Others present were: Thomas E. Hartye, General Manager; William Clarke, General Counsel; Forrest Westall with McGill Associates; Jon Lapsley and Dave Collins with CDM Smith; Joseph Martin with Woodfin Sanitary Water & Sewer District; Ed Bradford, Scott Powell, Jim Hemphill, Matthew Walter, Peter Weed, Julie Willingham, Mike Stamey, Angel Banks, Ken Stines, Hunter Carson, Spencer Nay and Pam Nolan.

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 17, 2017 Board Meeting:

Mr. Vahaun asked if there were any changes to the Minutes of the May 17, 2017 Board Meeting. Mr. Kelly moved for approval of the minutes as presented. Mr. Pelly seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

Mr. Vahaun welcomed Mr. Lapsley, Mr. Collins and Mr. Martin. There was no public comment.

6. Report of General Manager:

Mr. Hartye reported that as part of the Bond Issue, staff met with the Ratings Agencies in an effort to maintain MSD's good credit rating. Standard & Poor's and Fitch both maintained MSD's good rating at "AA+", Moody's upgraded MSD to the highest level possible, AAA. There are only a few other utilities in North Carolina with this rating. One of the things Moodys mentioned verbally in the meeting was that MSD is the "gold standard" when it comes to asset management. This speaks well for the CIP and the organization from the Board all the way down. Mr. VeHaun offered his congratulations to all. Mr. Clarke reported that in the meeting, Moodys did say that when they were talking to other agencies, they pulled out MSD's financial dashboard, the 10-year CIP, to use as a model for other utilities and that they were very complimentary.

Mr. Hartye presented a copy of the Cane Creek resolution that was passed by the Henderson County Board of Commissioners regarding their desire to consolidate with MSD. Staff will be meeting with Henderson County and reporting back to the Board, initially to request general approval to begin this process. This is a long process that could involve putting together a report, combining maps and CIP's and meeting with EMC among other things. This has been discussed at past Board meetings and there has been quite a bit of work already done. MSD Staff has looked at Cane Creek's CIP and evaluated their system and pump stations. MSD gave them a punch list which they have been working on and pretty much brought up to standard. MSD and Henderson County GIS employees have been working together to help bring their system up to speed to combine in with our GIS. This consolidation process is outlined in the statutes and is quite detailed and cumbersome. Mr. Kelly stated that he hadn't read the bill and asked if MSD was required to accept this consolidation. Mr. Hartye stated no, it is the MSD Board's decision. The three main components to discuss and incorporate are their debt, cash and CIP. MSD policies will remain the same. Ms. Wisler asked if Cane Creek Water & Sewer provided water service. Mr. Hartye stated just sewer but that they have the ability to provide water service but do not. Mr. Kelly commented that this Board has never formally said to go forward to his knowledge. Mr. Clarke stated that was correct, the process is for Henderson County to petition for inclusion and it appears they have started that process. If the Board wants them included, then the Board would say yes. At that point other steps follow, but MSD is not required to say yes. Ms. Manheimer asked if they would have three positions on the Board. Mr. Clarke stated yes, based on House Bill 764.

Mr. Hartye reported that Bryan Thompkins of Arnold Road called to express that McKinley Hensley's crew did an outstanding job. Nancy Hyatt also called to express appreciation for McKinley Hensley. MSD once again received the Excellence in Financial Reporting Recognition from the Government Finance Officers Association (GFOA). Much thanks to Scott Powell and Teresa Gilbert

Mr. Hartye reported the next regular Board Meeting will be held July 19th at 2pm. The next Right of Way Committee meeting will be held on July 26th at 9am.

7. Report of Committees:

Right of Way Committee:

Mr. Kelly reported that the Right of Way Committee met on May 24, 2017, and the Minutes are included in this meeting package if anyone has any questions. There were none.

8. Consolidated Motion Agenda:

a. Consideration of Condemnations – Jonestown Road GSR:

Mr. Hartye reported that the Right of Way Committee met and agreed to give Staff authority to obtain appraisals and proceed with condemnations if necessary.

b. Consideration of Bids – Commerce Street GSR:

Mr. Hartye reported that this project is located in downtown Asheville within Commerce Street, near Central United Methodist Church and consists of approximately 500 feet of 8-inch DIP. It was informally advertised on January 26, 2017 and received two bids as follows: Patton Construction Group in the amount of \$321,960.00 and Terry Brothers Construction Company in the amount of \$190,657.00. The apparent low bidder is Terry Brothers Construction Company with a bid of \$190,657.00. This is a small but complicated project. Bid amounts were higher than estimates due to street closures, soil conditions and extensive utilities. Staff recommends award to Terry Brothers Construction Company in the amount of \$190,657.00, subject to review and approval by District Counsel.

c. Consideration of Sole Source Specification for Plant High Rate Primary:

Mr. Hartye reported that the Plant High Rate Primary Treatment System project is a significant mid-term recommendation of the Plant Facility Plan. Construction has just begun on the Plant Headworks project which will precede this facility. This project will add a new Chemically Enhanced Primary Treatment Facility. This type of facility is required due to the restrictive site conditions within the plant. He presented a snapshot and explained that this process uses both chemicals and a coagulant and a polymer at the beginning, and then you add sand as a ballast to pull out the solids. This pulls out the solids quicker and keeps them from continuing on to the RBC's which they do now. This also allows for the RBC's to not be inundated and be more effective in treatment. MSD and CDM Smith evaluated various treatment technologies prior to choosing this one. MSD pilot tested two different manufacturers on site, this one (Kruger ACTIFLO) and one that uses magnetite and a magnet (Evoqua CoMag). Based on better performance and long-term operational cost the Kruger ACTIFLO system was the best. The primary benefits of sole-sourcing this would be that the District would receive equipment with proven performance at lower operation cost and it will allow design of new facilities around the specific equipment instead of some unknown unit.

Staff Recommends the District include a sole-source specification for a Kruger ACTIFLO system in the competitively-bid construction contract for the Plant High Rate Primary Treatment Project based upon the fact that performance or price competition are not available among other equipment suppliers.

d. Consideration of Engineering Contract – French Broad Carrier Bridge Preliminary Engineering Report:

Mr. Hartye reported that this project is for an evaluation and development of a flow model of interceptors running along the French Broad and Swannanoa Rivers and to evaluate the Carrier Bridge Pump Station in relation to those interceptors. The pump station's performance will be evaluated under current flow conditions, dry weather, wet weather and future growth. Because these are such major facilities the District will be using a 50-year planning time horizon. In accordance with the NC General Statutes, the District advertised a Request for Qualifications. There were two engineering firms interested, Arcadis and CDM Smith. Each gave presentations. Mr. Hartye reported that after careful review and consideration of each firm's capabilities, experience and staffing, the selection committee, consisting of himself, Mr. Westall and MSD Engineering staff, chose CDM Smith as the most qualified engineering consultant to complete the project. CDM Smith has performed well in numerous studies with the District. CDM Smith prepared a Scope of Work which was included in this Board package. The fee for this project is \$519,277.00. Staff believes this is a fair fee based on the nature and scope of the project. The FY17-18 budget for this project is \$500,000.00. Sufficient funds are available in the CIP Contingency Fund for the overage. Staff recommends the District enter into an engineering and design contract for a PER with CDM Smith in the amount of \$519,277.00, subject to final review and approval by District Counsel.

e. Consideration of Equipment Sole Source – Carrier Bridge Pump Station Grinder:

Mr. Hartye reported that the Carrier Bridge Pump Station is the District's largest pump station with a capacity of 22.6 million gallons per day. The station currently has two small grinders with an overflow channel which provides space for a third larger unit. Installing a third grinder will reduce head-loss under all flow conditions, in other words there is a certain amount of back up in the line because of the reduced capacity of the two existing grinders. This will go a long way in bringing the static level in the station down, the interceptor along the French Broad River will be less prone to backwater and worker safety will be improved as the existing bar screen will not have to be continuously monitored and cleaned. Staff sought quotes from three grinder manufacturers, JWC Environmental, Vogelsang, and Franklin Miller.

Only Franklin Miller manufactures a grinder which has the required capacity and that will fit into the existing channel. Staff recommends that the District sole-source purchase a Franklin Miller Model DM-T36S Dimminutor in the amount of \$113,219.00, based upon the fact that 1) performance competition is not available; 2) the grinder with the required characteristics and performance is available from only one source; and 3) compatibility and fitment within the existing concrete channel is an overriding consideration.

f. Consideration of Developer Constructed Sewer System: Hall Avenue:

Mr. Hartye reported that the Hall Avenue project included extending 329 linear feet of 8-inch public gravity sewer and upgrading 127 linear feet of private sewer to serve the eight unit residential development.

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

g. Report on MSD Paving Agreement with City of Asheville:

Mr. Hartye reported that this agreement is for asphalt and concrete (patching) restoration of public roads and sidewalks within Asheville City Limits for small projects 300 SF or less. This annually renewing agreement was approved by the MSD Board in 2013. The District's estimated monetary contribution for FY18 is \$389,760.00 based on usage from the previous year. This is an informational item only. No action is required.

h. MSD FY18 Non-City of Asheville Road ROW Paving Restoration Contract:

Mr. Hartye reported this annual contract is for the restoration of roads, driveways and sidewalks resulting from District maintenance activities for areas outside the City of Asheville. These activities are planned and unplanned. At the June 15, 2016 Board meeting, French Broad Paving Inc. was the low bidder and was awarded this contract. This contract included a provision to renew for a period of one additional year. Based on this provision being in place, this contract will be renewed for FY18 to French Broad Paving Inc. in the amount of \$308,545.00. This item is included in the FY18 Budget and the contract renewal process has been reviewed and approved by District Counsel. This is an informational item only. No action is required.

i. Renewal of Contract FY18 - Sodium Hypochlorite:

Mr. Hartye reported that the Water Reclamation Facility is required to disinfect the effluent prior to discharge to the French Broad River. In the past gas chlorine was used but has been phased out due to its danger.

Liquid sodium hypochlorite is used for this purpose. This contract was brought before the Board at the June 15, 2016 meeting. Oltrin Solutions was the low bidder with a bid of \$0.60/gallon and was awarded the contract. This contract includes a provision to renew for one additional year and Oltrin Solutions has agreed to the renewal conditions. This contract will be renewed for FY18 at an estimated amount of \$120,000.00, which is within the level of the WRF budget. This is an informational item only. No action is required.

j. Consideration of Renewal of Contract FY18 - Calcium Nitrate Solution for Odor and Hydrogen Sulfide Control:

Mr. Hartye reported that MSD has been using a calcium nitrate based solution for the last few years to control hydrogen sulfide formation. At the June 15, 2016 Board Meeting this contract was awarded to Southern Environmental Systems for \$1.99/gallon. This contract included a provision to renew for one additional year and Southern Environmental Systems has agreed to the renewal conditions. This contract will be renewed for FY18 at an estimated amount of \$179,100.00 and is within levels budgeted by the WRF. This is an informational item only. No action is required.

k. Cash Commitment/Investment Report Month ended April, 2017:

Mr. Powell reported that Page 83 presents the makeup of the District's Investment Portfolio. The makeup of the portfolio is substantially the same as compared to last month. Page 84 is the MSD Investment Manager report as of the month of April. The weighted average maturity of the investment portfolio is 170 days. The yield to maturity is .97% and is exceeding MSD bench marks of the 6 month T-Bill and NCCMT cash portfolio. Page 85 is an analysis of the District's Cash Receipts. Monthly and YTD domestic and industrial sewer revenue are considered reasonable based on the timing of cash receipts in comparison to their respective fiscal periods, as well as getting additional flow from one of our industrial users in the current fiscal year. YTD Facility and Tap fees are above historical trends due to timing of seven (7) cash receipts from developers as well as these fees being budgeted conservatively. Page 86 is an analysis of the District's 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 the current outstanding capital projects, YTD capital project expenditures are considered reasonable. Page 87 is the MSD Variable Debt Service report. The 2008A Series Refunding Bonds are performing better than budgeted expectations. As of the end of May this issue has saved the District's rate payers \$5 million dollars in debt service since April 2008.

Mr. Hartye stated that he wanted to brag on Scott Powell. One of the comments in the rate agency meetings was that it looks like the District has control over our interest rate swap. The District did not get out of it's swap and has been managing it. This was always one of those questionable things as far as the rating agencies were concerned. They saw it as variable debt with some risk and exposure. That was one of the hurdles the District had to overcome over the last several years. The District has shown the ratings agencies that we manage this swap well and attribute that to Scott Powell looking at the numbers consistently, week in and week out, deciding if we should stay in the swap or not. Mr. Hartye further stated that the Cash Commitment/Investment Report probably seems "like ground hog day" each month. This report was shared in the rate agency meetings and they were very impressed that this information is provided at the Board level. Most Boards typically don't hear this type of information and the fact that we keep it open and available to our Board was a big thing to them. Mr. Powell thanked Mr. Hartye.

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

9. Public Hearing: Consideration of Resolution Adopting the Final Budget for FY 2017-2018 and Schedule of Sewer Rates and Fees:

MINUTES OF PUBLIC HEARING

Mr. VeHaun announced the opening of the Public Hearing at 2:27 pm.

Mr. Powell reported that in accordance with the Bond Order, the District must approve the annual budget on or before June 15 of each year. There has been no change and the Preliminary Budget numbers are the same as in the Proposed Final Budget. Included is a Flow of Funds Chart which is a graphical representation of the Budget and how money is distributed and spent in the respective funds. Page 90 represents the Proposed Budget Resolution. Page 94 represents the Schedule of Rates and Fees. The proposed Final Budget Document of \$55,319,368.00 for FY 18 incorporates the following:

- 2.5% domestic rate increase.
 - .74 cent increase in the average single family monthly bill.
 - The Average Monthly bill will go from \$29.88 to \$30.62.
- Continuation of the Industrial Rate Parity Plan.
 - MSD is in year 18 of 20.
 - 4.0% average increase for the industrial section.
 - Major industrial users will only see a 1.6% increase.

- Facility and Tap fees remain at 2017 levels.
- 1.5% rate of return on investments.
- 2.81% increase in Salaries and Benefits which has an impact of \$361,000.00. Includes Personnel Committee recommendations as to a Salary Adjustments, Self-Insurance Funding and GASB 45/75 OPEB Funding as well as State required 3% increase Retirement contribution and unemployment funding.
- 1.94% increase in Materials supplies and service which has an impact of \$124,000.00.
- \$28.3 Million CIP Budget

Mr. VeHaun called for public comment on the proposed Budget, Rates and Fees for FY 2017-2018. There were none. Mr. VeHaun then closed the Public Hearing at 2:32 pm.

With no discussion, Mr. VeHaun called for a motion to approve the Resolution adopting the Final Budget for FY 2017-2018. Mr. Pelly moved. Mr. Kelly seconded the motion. Roll call vote was as follows: 10 Ayes; 0 Nays.

Mr. VeHaun then called for a motion to approve the FY 2017-2018 Schedule of Sewer Rates and Fees. Ms. Wisler moved. Mr. Pressley seconded the motion. Roll call vote was as follows: 10 Ayes; 0 Nays.

10. Old Business:

None

11. New Business:

None

12. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:34 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: July 14, 2017
SUBJECT: Report from the General Manager

- United Way Golf Tourney

This years United Way Golf Tourney will take place on September 14th at the Grove Park Inn golf course at 7:00 AM. Please contact Owen Herbert at 828.225.8331 or OwenH@msdbc.org.

- Kudos

Bill Slawter of 47 Dogwood Rd. called to express his appreciation for Roy Lytle and crew, that he was very pleased with the work they did. Thanks to Roy, Billy Cantrell, Marvin Felder, Jamie Fox and Nicolas Hercules.

- Board/Committee Meetings/Events

The Personnel Committee will meet at 1pm before the Regular Board meeting. The next Right of Way Committee meeting will be held on July 26th at 9am.

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: July 19, 2017

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

PREPARED BY: Ed Bradford, P.E. - Director of Engineering
Shaun Armistead, P.E. - Project Manager

SUBJECT: Consideration of Bids: MSD Point Repair Contract No. 2, MSD Project No. 2017033

BACKGROUND: This project is comprised of various point repairs located throughout the District's regional service area.

These point repairs are for non-emergency problems on lines or manholes, which do not require a full-scale rehabilitation project. In-house staff also completes repairs of this nature; however, due to the increased number of repairs a project was created to help minimize backlog.

This is the second contract of this nature for MSD. It will be in-force through June 30, 2018.

The contract was informally advertised, and two bids were received on June 29, 2017 in the following amounts:

<u>Contractor</u>	<u>Bid Amount</u>
1) Terry Brothers Construction Co.	\$259,000.00
2) Patton Construction Group	\$215,610.00

The apparent low bidder is Patton Construction Group. Patton has completed rehabilitation projects and sewer line extensions under MSD inspection, and their work quality has been excellent on those projects.

It is important to note that Patton was also the contractor on the previous point repair contract, with satisfactory performance during FY16-17.

Please refer to the attached documentation for further details.

FISCAL IMPACT: The FY17-18 Construction Budget for this project is \$250,000.00.

STAFF RECOMMENDATION: Staff recommends award of this contract to Patton Construction Group in the amount of \$215,610.00, subject to review and approval by District Counsel.


**METROPOLITAN SEWERAGE DISTRICT OF
BUNCOMBE COUNTY, NORTH CAROLINA**

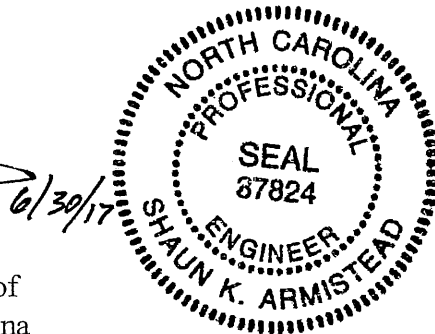
**POINT REPAIR CONTRACT NO. 2
SEWER REHABILITATION
PROJECT NO. 2017033**

**BID TABULATION
June 29, 2017**

BIDDER	MBE Form	Bid Forms (Proposal)	Total Bid Amount
Terry Brothers Construction Company Leicester, NC	1	Yes	\$259,000.00
Patton Construction Group Asheville, NC	2	Yes	\$215,610.00

APPARENT LOW BIDDER


Shaun Armistead, P.E.
Project Engineer
Metropolitan Sewerage District of
Buncombe County, North Carolina



This is to certify that the bids tabulated herein were publicly opened and read aloud at 2:00 p.m. on the 29th day of June, 2017, in the W.H. Mull Building at the Metropolitan Sewerage District of Buncombe County, Asheville, North Carolina. This was an informal bid and no bid bond was required.

Interoffice Memorandum

TO: Ed Bradford, Engineering Director
FROM: Shaun Armistead, Project Manager
DATE: June 29, 2017
RE: Point Repair Contract No. 2, MSD Project No. 2017033

Point Repair Contract No. 2 will cover point repairs performed throughout the District by an outside contractor for Fiscal Year 2017-18. Point repairs include repairs to manholes, installation of new manholes on existing lines, and various pipeline repairs. The contract includes specific work locations, and also allows for additional repairs as may be required through the end of the current fiscal year.

Work covered under this contract has been generated through work orders from the System Services Division, and will require no easements to be obtained prior to the work being performed. This contract will help to reduce the backlog of these types of non-emergency repairs.

Two bids were received on Thursday, June 29, 2017, as follows:

<u>Contractor</u>	<u>Bid</u>
1) Terry Brothers Construction Co.	\$259,000.00
2) Patton Construction Group	\$215,610.00

The construction budget for this project is \$250,000.00.

Patton Construction is the apparent low bidder for this contract with a bid amount of \$215,610.00. District Staff are familiar with Patton Construction Group through their work on developer projects supervised by the District's Construction Administration Division.

Staff recommends award of this contract to Patton Construction Group, contingent upon review and approval by District Counsel.

Metropolitan Sewerage District of Buncombe County, North Carolina

CAPITAL IMPROVEMENT PROGRAM

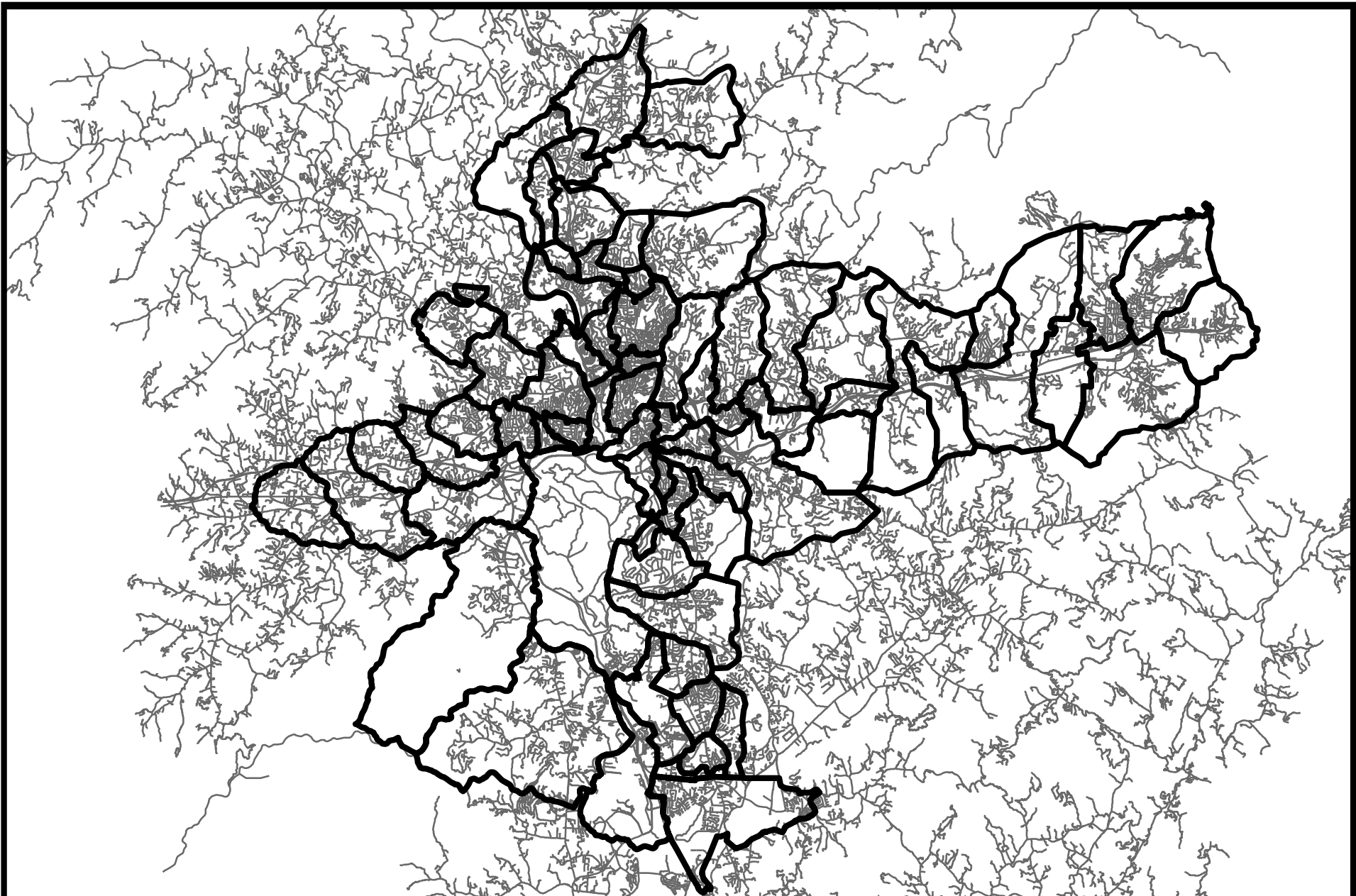
BUDGET DATA SHEET - FY 2017 - 2018

PROJECT:	Point Repair Contract No. 2	LOCATION:	various
TYPE:	General Sewer Rehab	PIPE RATING:	N/A
PROJECT NO.	2017033	TOTAL LF:	0
PROJECT BUDGET:	\$200,000.00	PROJECT ORIGIN:	Work Orders

DESCRIPTION	ESTIMATED PROJECT COST	TOTAL EXPENDS THRU 12/31/16	EST. COST JAN - JUNE 2017	BUDGET FY 17-18
55310 - PRELIM. ENGINEERING				
55320 - SURVEY - DESIGN				
55330 - DESIGN				
55340 - PERMITS				
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS				
55370 - LEGAL FEES				
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION				
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$250,000.00			\$250,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING				
55450 - SURVEY - ASBUILT				
TOTAL AMOUNT	\$250,000.00	\$0.00	\$0.00	\$250,000.00

ENGINEER:	MSD	SA	ESTIMATED BUDGETS - FY '19 -'27	
R.O.W. ACQUISITION:	N/A	# PLATS: [0]	FY 18-19	\$0.00
CONTRACTOR:			FY 19-20	\$0.00
CONSTRUCTION ADM:	MSD		FY 20-21	\$0.00
INSPECTION:	MSD		FY 21-22	\$0.00
PROJECT DESCRIPTION: This construction contract will cover point repairs performed by an outside contractor for Fiscal Year 2017-18. Point repairs covered under this contract are generated through work orders from the System Services Division.			FY 22-23	\$0.00
			FY 23-24	\$0.00
			FY 24-25	\$0.00
			FY 25-26	\$0.00
			FY 26-27	\$0.00

SPECIAL PROJECT NOTES:



Point Repair Contract No. 2
Project No. 2016028

NOT TO SCALE



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Budget Map

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: July 19, 2017

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

PREPARED BY: Ed Bradford, P.E. - Director of Engineering
Darin Prosser, P.E. - Project Manager

SUBJECT: Consideration of Bids: Louisiana Avenue @ BruceMont Circle Sanitary Sewer Rehabilitation Project, MSD Project No. 2010100

BACKGROUND: This project is located in West Asheville in the BruceMont Circle area, between Haywood Street and Patton Avenue.

It consists of replacing problematic six-inch clay and PVC lines which are structurally deficient and subject to root intrusion. In addition, two homes are located over the existing line, making access impossible at these locations.

The new line is comprised of 1,420 LF of 8-inch DIP installed by dig & replace. System Services will rehabilitate 1,000 LF of this line as well, for a total project length of 2,420 LF.

The contract was advertised and two bids were received on June 29, 2017. The contract was therefore re-advertised and two bids were received on July 10, 2017 in the following amounts:

<u>Contractor</u>	<u>Bid Amount</u>
1) Thomas Construction Co.	\$498,085.00
2) Terry Brothers Construction Co.	\$363,252.00

The apparent low bidder is Terry Brothers Construction Co. They have completed numerous MSD sewer rehabilitation projects, and their work quality continues to be excellent on work performed for the District.

Please refer to the attached documentation for further details.

FISCAL IMPACT: The FY17-18 Construction Budget for this project is \$550,000.00. The engineer's estimate for the contracted portion is \$370,000.00, and the balance of \$180,000.00 will be for the System Services portion.

STAFF RECOMMENDATION: Staff recommends award of this contract to Terry Brothers Construction Co. in the amount of \$363,252.00, subject to review and approval by District Counsel.

METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY, NORTH CAROLINA

Louisiana Avenue @ Brucemont Circle

Project No. 2010100

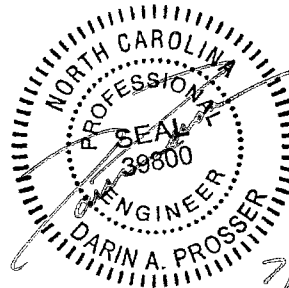
BID TABULATION

July 10, 2017

BIDDER	Bid Bond	MBE Form	Bid Forms (Proposal)	TOTAL BID AMOUNT
Thomas Construction Company Johnson City, TN	5%	1	Yes	\$498,085.00
Terry Brothers Construction Co. Leicester, NC	5%	1	Yes	\$363,252.00

APPARENT LOW BIDDER

Darin Prosser, P.E.
Project Engineer
Metropolitan Sewerage District of
Buncombe County, North Carolina



This is to certify that the bids tabulated herein were publicly opened and read aloud at 2:00 p.m. on the 10th day of July, 2017, in the W.H. Mull Building at the Metropolitan Sewerage District of Buncombe County, Asheville, North Carolina, and that said bids were accompanied by acceptable bidders bonds in the amount of 5% of the bid. The project was first scheduled to be bid on June 29th. Only 2 bids were received; therefore, the project was re-advertised.

Interoffice Memorandum

TO: Tom Hartye, General Manager

FROM: Ed Bradford, CIP Manager
Darin Prosser, Project Manager

DATE: July 11, 2017

RE: Louisiana Avenue @ Bruceмонт Circle Sewer Rehabilitation,
MSD Project No. 2010100

The Louisiana Avenue @ Bruceмонт Circle Sewer Rehabilitation project is located in West Asheville, mainly along Bruceмонт Circle. This project begins with connecting to an existing sewer line in Louisiana Avenue running north through a closed road (Butrick Avenue) and then running east in Bruceмонт Circle.

This project consists of the rehabilitation of existing 6" VCP and 6" PVC sewer lines that are in poor condition and run under two houses. Approximately 1,420 LF of 8" DIP will be installed by dig and replace construction. The existing lines for this project have a high pipe rating of 66 due to the under sizing and root problems that trigger constant maintenance.

The project was advertised as a formal bid and on June 29, 2017, two sealed bids were received at 2:30 pm. The project was therefore re-advertised and two bids were received on July 10, 2017 at 2:00 pm as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Thomas Construction Company	\$498,085.00
2) Terry Brothers Construction Co., Inc.	\$363,252.00

The apparent low bidder is Terry Brothers Construction Co., Inc. with a bid amount of \$363,252.00. The FY17-18 construction budget for this project is \$550,000.00. This construction budget was originally for the rehabilitation of 2,400 LF of 8" DIP. MSD's In-House Construction will construct approximately 1,000 LF of problematic existing lines that run between properties.

Terry Brothers Construction Co. has an extensive history completing District rehabilitation and replacement projects with excellent workmanship and quality. Staff recommends award of this contract to Terry Brothers Construction Co., Inc. contingent upon review and approval by District Counsel.

Metropolitan Sewerage District of Buncombe County, North Carolina

CAPITAL IMPROVEMENT PROGRAM

BUDGET DATA SHEET - FY 2017 - 2018

PROJECT:	Louisiana Ave. @ Brucemont Circle	LOCATION:	Asheville
TYPE:	General Sewer Rehab.	PIPE RATING:	66
PROJECT NO.	2010100	TOTAL LF:	1,420
PROJECT BUDGET:	\$649,785.00	PROJECT ORIGIN:	SSO's; Access; Line condition

DESCRIPTION	ESTIMATED PROJECT COST	TOTAL EXPENDS THRU 12/31/16	EST. COST JAN - JUNE 2017	BUDGET FY 17-18
55310 - PRELIM. ENGINEERING				
55320 - SURVEY - DESIGN	\$8,285.00	\$8,285.00		
55330 - DESIGN				
55340 - PERMITS	\$500.00			\$500.00
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS	\$8,000.00	\$975.00		\$7,025.00
55370 - LEGAL FEES	\$10,000.00	\$1,401.00		\$8,599.00
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION	\$65,000.00	\$4,204.00		\$60,796.00
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$550,000.00			\$550,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING	\$1,000.00			\$1,000.00
55450 - SURVEY - ASBUILT	\$7,000.00			\$7,000.00
TOTAL AMOUNT	\$649,785.00	\$14,865.00	\$0.00	\$634,920.00

ENGINEER:	MSD	DP	ESTIMATED BUDGETS - FY '19 -'27	
R.O.W. ACQUISITION:	MSD	# PLATS: [13]	FY 18-19	\$0.00
CONTRACTOR:			FY 19-20	\$0.00
CONSTRUCTION ADM:	MSD		FY 20-21	\$0.00
INSPECTION:	MSD		FY 21-22	\$0.00
			FY 22-23	\$0.00
			FY 23-24	\$0.00
PROJECT DESCRIPTION: This project is for the replacement of an existing line from Louisiana Ave. to Brucemont Circle. The present line goes under at least two houses and will be relocated to an existing alleyway. System Services has had maintenance issues with blockages due to broken joints and pipes.			FY 24-25	\$0.00
			FY 25-26	\$0.00
			FY 26-27	\$0.00

SPECIAL PROJECT NOTES: Brucemont Circle added to this with additional 1,650 LF.



Louisiana Avenue at Brucemont Circle
Project No. 2010100

NOT TO SCALE



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Budget Map

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 19, 2017

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

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

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

SUBJECT: Acceptance of Developer Constructed Sewer System for Conestee Subdivision, MSD Project No. 2014149

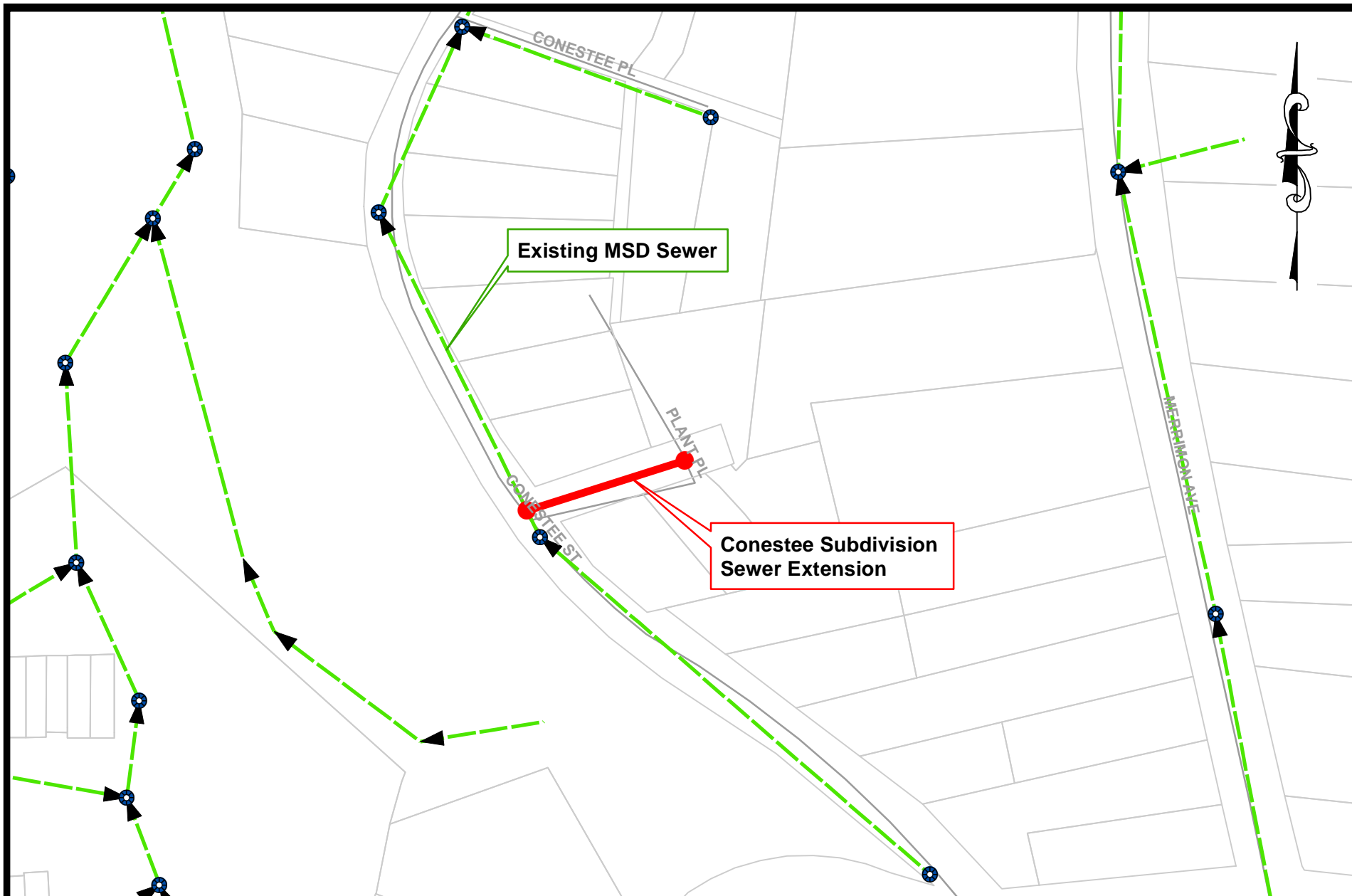
BACKGROUND: This project is located inside the District boundary along Conestee Street in the City of Asheville. The developer for this project is Brad Freeman of Vanderbilt Partners Two, LLC.

The project included extending approximately 107 linear feet of 8-inch public gravity sewer to serve the development.

A wastewater allocation was issued in the amount of 2,800 GPD for the seven (7) unit single-family residential development. The estimated cost of the sewer construction is \$29,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

Conestee Subdivision Sewer Extension
MSD Project # 2014149
Metropolitan Sewerage District of Buncombe County

07/06/2017

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 19, 2017

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

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

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

SUBJECT: Acceptance of Developer Constructed Sewer System for 880-888 Patton Avenue, MSD Project No. 2016182

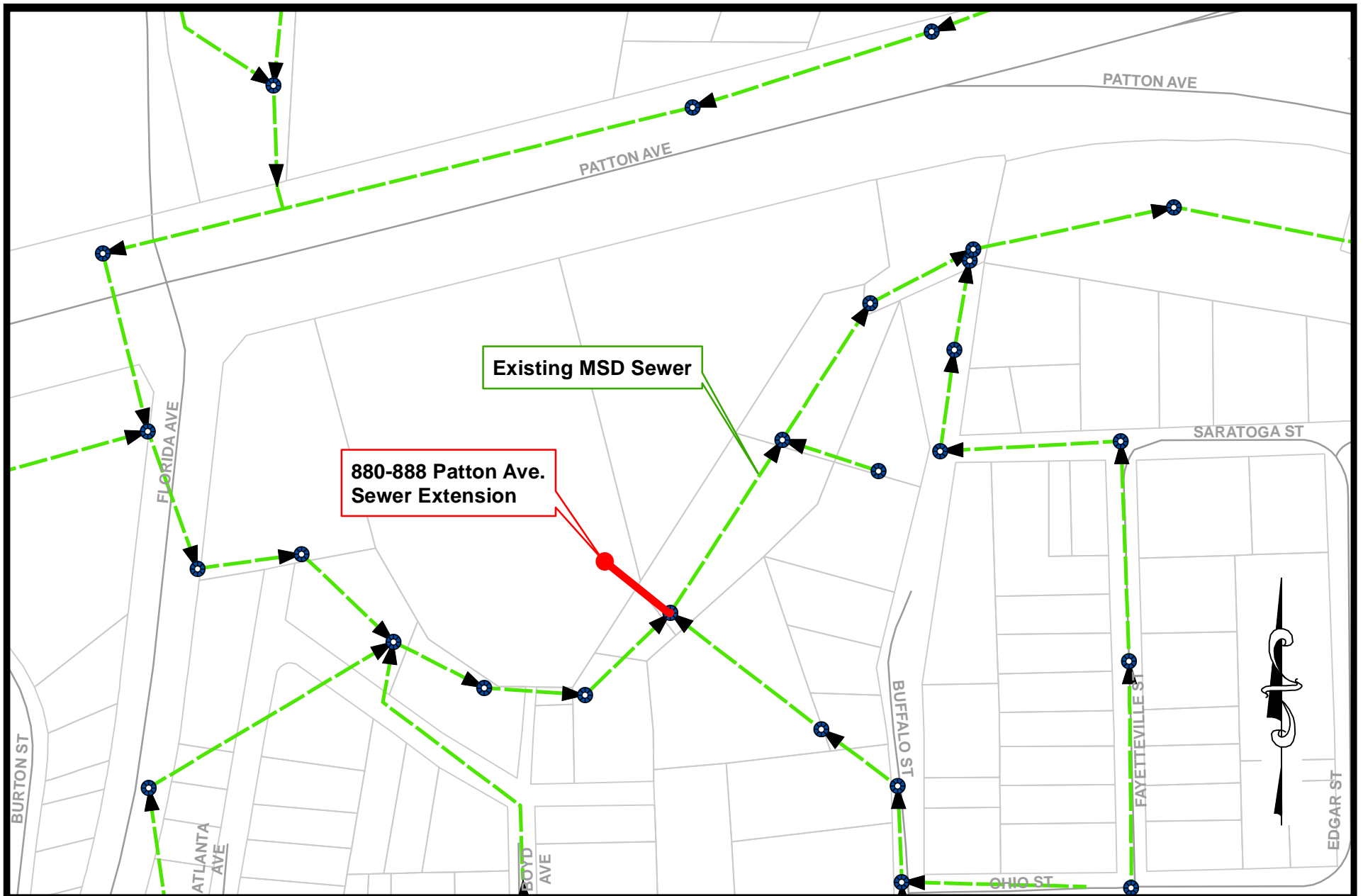
BACKGROUND: This project is located inside the District boundary along Patton Avenue in the City of Asheville. The developer for this project is Patrick Cullen.

The project included extending approximately 86 linear feet of new 8-inch public gravity sewer to better serve the commercial development.

No new wastewater was allocated for this project. The estimated cost of the sewer construction is \$71,718.00.

All MSD requirements have been met.

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



MSD
Engineering Division

880-888 Patton Ave. Sewer Extension
MSD Project # 2016182
Metropolitan Sewerage District of Buncombe County

07/06/17

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 19, 2017

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

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

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

SUBJECT: Acceptance of Developer Constructed Sewer System for Upstream Way Phase 2 (formerly Amboy Overlook), MSD Project No. 2016254

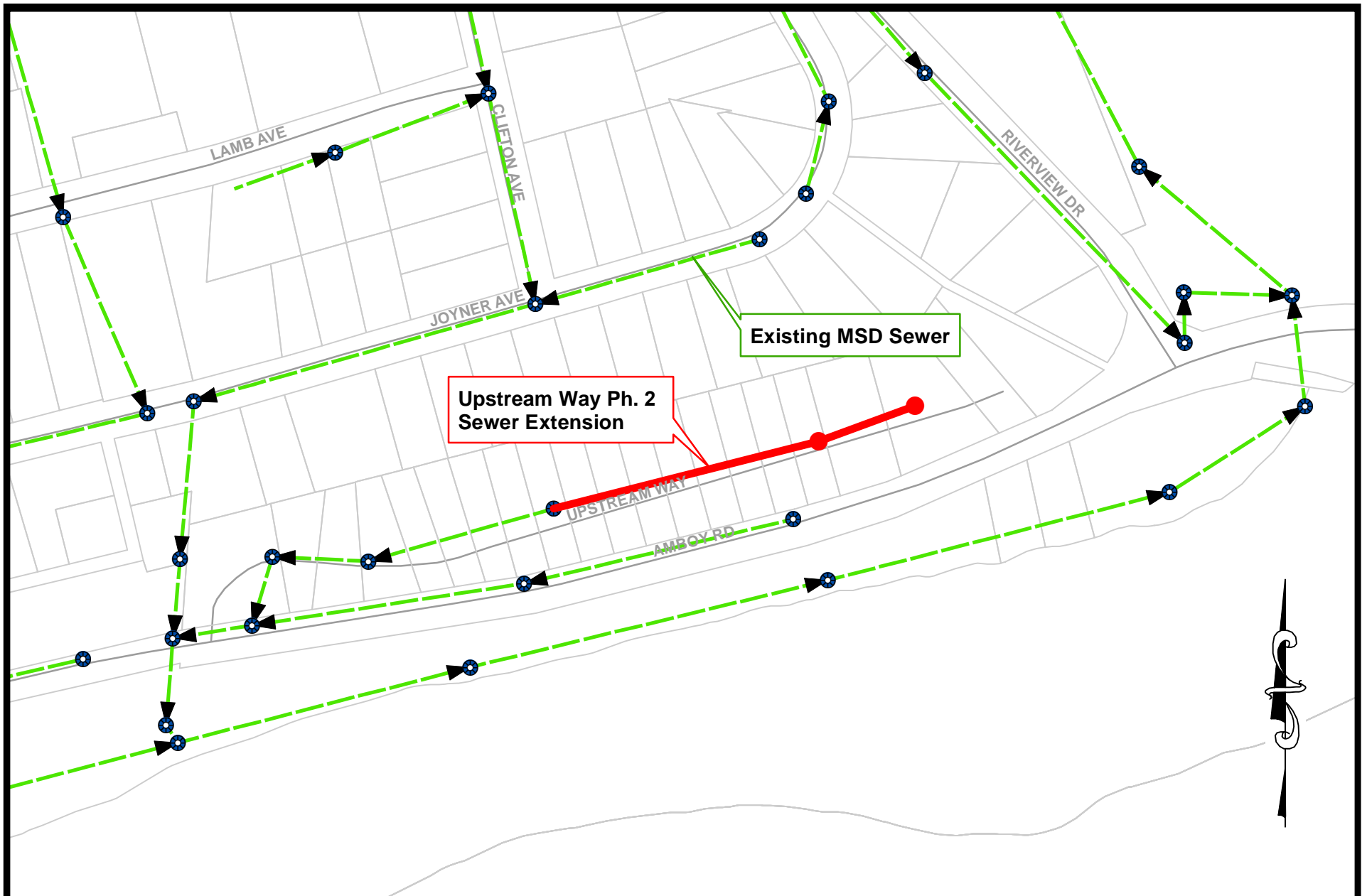
BACKGROUND: This project is located inside the District boundary off Amboy Road in the City of Asheville. The developer for this project is Jay Fiano.

The project included extending approximately 398 linear feet of new 8-inch public gravity sewer to serve this phase of the residential development.

A wastewater allocation was issued in the amount of 3,300 GPD for the eleven (11) single-family residential units for this phase of the development. The estimated cost of the sewer construction is \$50,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

Upstream Way Ph. 2 Sewer Extension
MSD Project # 2016254
Metropolitan Sewerage District of Buncombe County

07/06/17

Metropolitan Sewerage District of Buncombe County
BOARD ACTION ITEM

BOARD MEETING DATE: July 19, 2017

SUBMITTED BY: Thomas E. Hartye, General Manager
Jim Hemphill, Director of Human Resources

SUBJECT: Required Resolutions to Implement 401 (A) Plans

BACKGROUND:

In 1996 and 2001, MSD engaged Valic Retirement Services and Nationwide Insurance to provide “Deferred Compensation” programs to its employees. When these plans were initially set up, based on outside advice, MSD did not pay the FICA on MSD’s contributions. In March 2017, we discovered this error and began work to resolve the issue.

With the guidance of Mr. Clarke, staff worked with Jeff Capwell an attorney with McGuire, Woods, who specializes in Deferred Compensation and Retirement Plans. His recommended solution was to create 401(a) plans with our current vendors that mirror the 457 plans.

The Board is requested to approve two resolutions (see attached) creating 401(a) Retirement plans offered by Nationwide Insurance and Valic Retirement Services.

FISCAL IMPACT: None, for Approval only

ADOPTING RESOLUTION

The undersigned authorized representative of Metropolitan Sewerage District of Buncombe County (the Employer) hereby certifies that the following resolution was duly adopted by the Employer on _____, and that such resolution has not been modified or rescinded as of the date hereof:

RESOLVED, that the form of Plan and Trust effective July 1, 2017, presented to this meeting is hereby approved and adopted and that an authorized representative of the Employer is hereby authorized and directed to execute and deliver to the Administrator of the Plan one or more counterparts of the Plan.

The undersigned further certifies that attached hereto are true copies of Nationwide MSDBC - 401A Plan, and the Summary of Plan Provisions, which are hereby approved and adopted.

Date: _____

Signed: _____

[print name/title]

**RESOLUTION AUTHORIZING ADOPTION OF
VALIC RETIREMENT SERVICES COMPANY RETIREMENT PLAN FOR GOVERNMENTAL EMPLOYERS**

WHEREAS, Metropolitan Sewerage District of Buncombe County, NC (hereinafter, the "Employer"), desires to establish a retirement plan for the exclusive benefit of its employees and their beneficiaries; and

WHEREAS, the Employer desires to adopt the VALIC Retirement Services Company Retirement Plan for Governmental Employers; and

NOW THEREFORE, BE IT RESOLVED that the Employer hereby adopts the document titled "VALIC Retirement Services Company Retirement Plan for Governmental Employers," effective April 1, 2017; and

RESOLVED FURTHER, that the appropriate representatives of the Employer be, and the same hereby are, authorized and directed to: (i) execute the adoption agreement to the VALIC Retirement Services Company Retirement Plan for Governmental Employers document, as approved; (ii) execute all other documents and to do all other things as may be necessary or appropriate to make the VALIC Retirement Services Company Retirement Plan for Governmental Employers effective April 1, 2017, including the execution of any amendments required by the Internal Revenue Service in order to continue and maintain the qualified and exempt status of the Plan; and (iii) execute any other documents required to obtain reliance on advisory letters issued to the VALIC Retirement Services Company Retirement Plan for Governmental Employers by the Internal Revenue Service.

CERTIFICATION

I, _____, do hereby certify that the above resolutions were unanimously adopted by the governing body of the Employer at a meeting duly held at Asheville, North Carolina, on the _____ day of _____, _____.

Signed: _____

Name: _____

Title: _____

Date: _____

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: July 19, 2017

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 May 31, 2017

Background

Each month, staff presents to the Board an investment report for all monies in bank accounts and specific investment instruments. The total investments as of May 31, 2017 were \$53,545,726. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.665%. 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 May 31, 2017 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of May 31, 2017 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$29,811,102.

Total Cash & Investments as of 05/31/2017		53,545,726
Less:		
Budgeted Commitments (Required to pay remaining FY17 budgeted expenditures from unrestricted cash)		
Construction Funds	(10,271,201)	
Operations & Maintenance Fund	(2,078,613)	
		(12,349,814)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(118,175)	
FY17 Principal & Interest Due	(5,624,054)	
		(5,742,229)
District Reserve Funds		
Fleet Replacement	(543,222)	
Pump Replacement	(62,347)	
WWTP Replacement	(430,504)	
Maintenance Reserve	(962,254)	
		(1,998,327)
District Insurance Funds		
General Liability	(577,311)	
Worker's Compensation	(276,848)	
Post-Retirement Benefit	(1,520,191)	
Self-Funded Employee Medical	(1,269,904)	
		(3,644,254)
Designated for Capital Outlay		29,811,102

Staff Recommendation

None. Information Only.

Action Taken

Motion by:

to

Approve
Table

Disapprove

Second by:

Send to Committee

Other:

Follow-up Required:

Person Required:

Deadline:

Metropolitan Sewerage District of Buncombe County Investment Portfolio

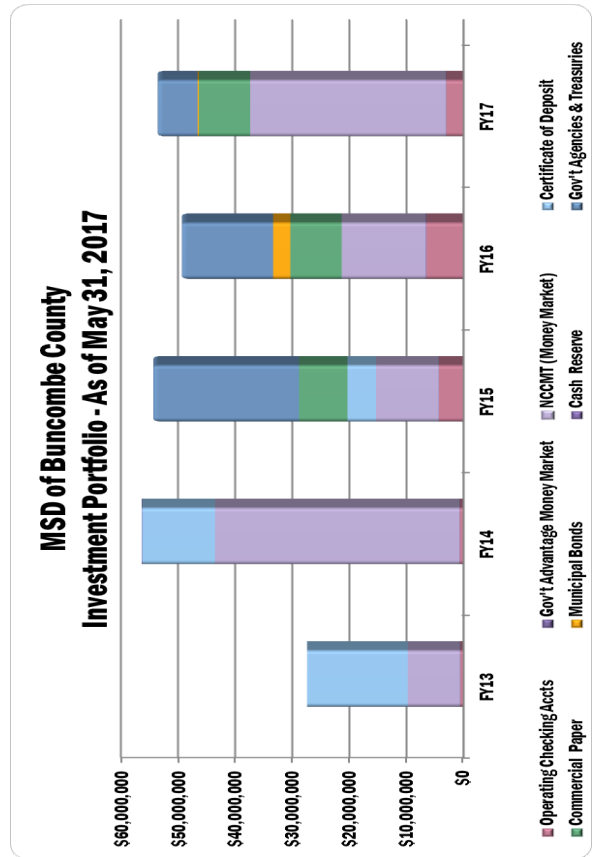
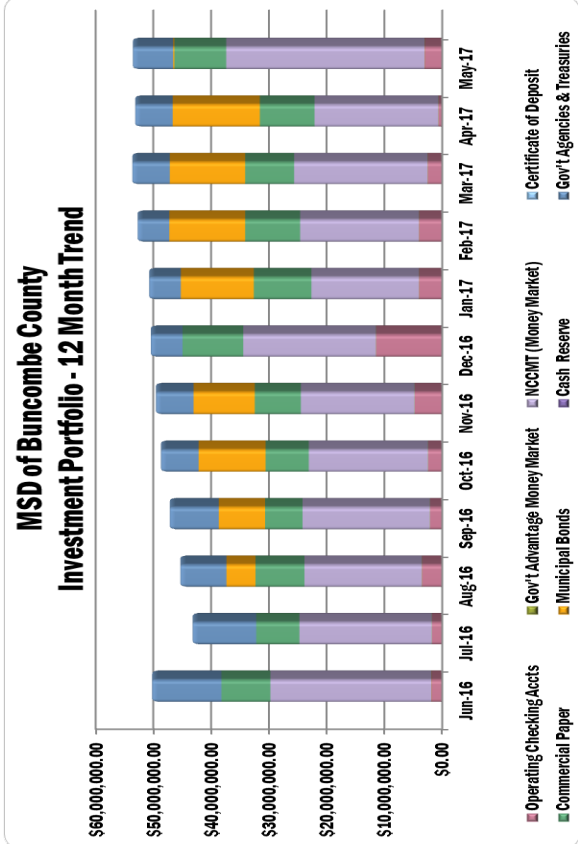
	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$	\$	\$	\$	\$	\$	\$	\$	\$
Held by MSD	3,023,036	46,673	118,175	-	8,986,324	200,000	-	6,991,741	118,175
			34,179,777						53,427,551
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	3,023,036	46,673	34,297,952	-	8,986,324	200,000	-	6,991,741	53,545,726

Investment Policy Asset Allocation	Maximum Percent	Actual Percent
U.S. Government Treasuries, Agencies and Instrumentalities	100%	13.06%
Bankers' Acceptances	20%	0.00%
Certificates of Deposit	100%	0.00%
Commercial Paper	20%	16.78%
Municipal Bonds	100%	0.37%
North Carolina Capital Management Trust	100%	64.05%
Operating Checking Accounts:	100%	
Gov't Advantage Money Market		5.65%
		0.09%

No significant changes in the investment portfolio as to makeup or total amount.

The District 's YTM of 1.00% is exceeding the YTM benchmarks of the 6 month T-Bill and NCCMT Cash Portfolio.

All funds invested in CD's, operating checking accounts, Gov't Advantage money market are fully collateralized with the State Treasurer.

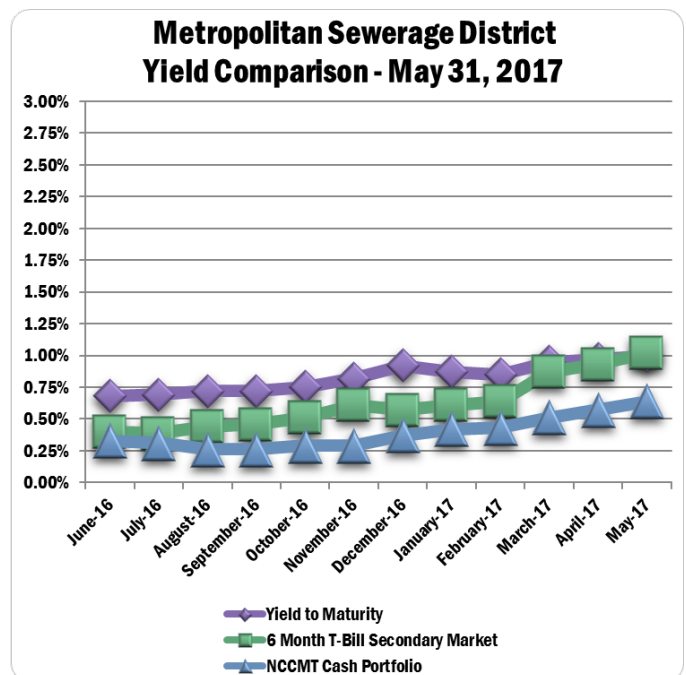
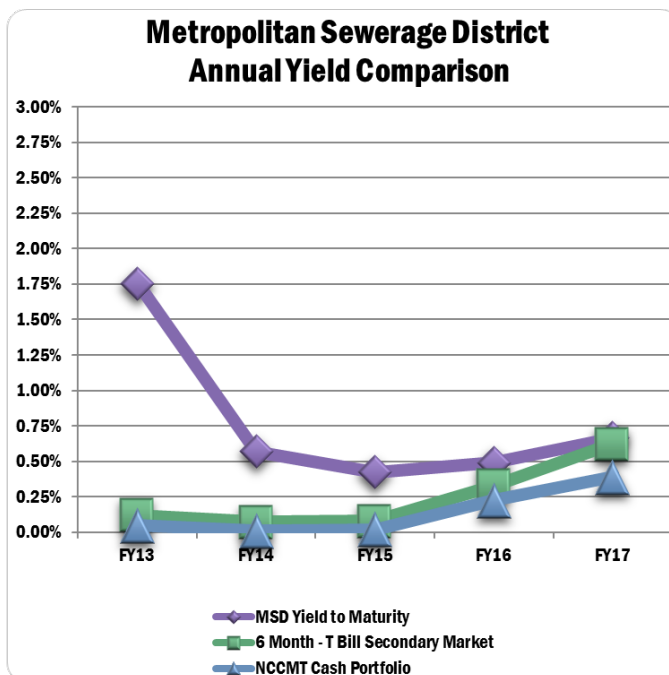


**METROPOLITAN SEWERAGE DISTRICT
INVESTMENT MANAGERS' REPORT
At May 31, 2017**

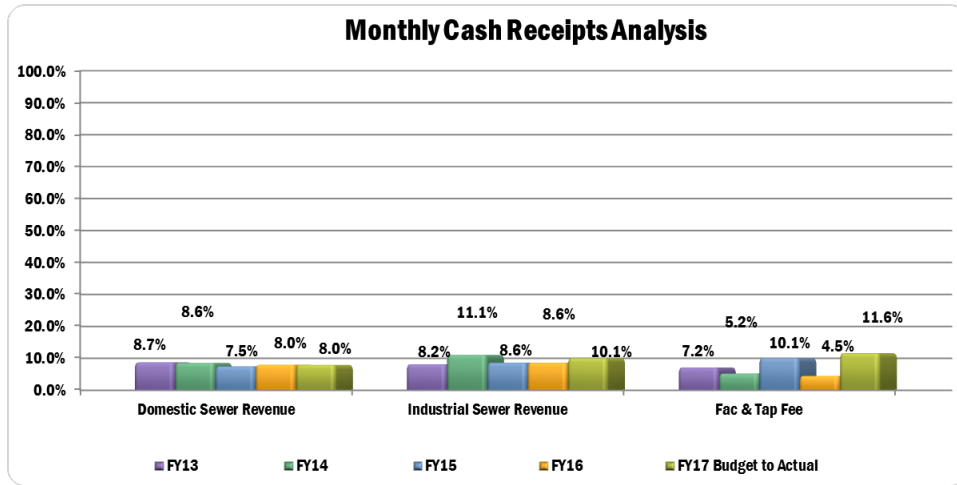
Summary of Asset Transactions			
	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 50,236,971	\$ 50,236,971	\$ 29,252
Capital Contributed (Withdrawn)	(2,141,620)	(2,141,620)	
Realized Income	41,345	41,345	(22,693)
Unrealized/Accrued Income		15,471	5,518
Ending Balance	\$ 48,136,696	\$ 48,152,167	\$ 12,077

Value and Income by Maturity			
	Original Cost	Income	
Cash Equivalents <91 Days	\$ 41,144,955	\$	33,883
Securities/ CD's 91 to 365 Days	1,992,491	\$	1,641
Securities/ CD's > 1 Year	4,999,250	\$	4,117
	\$ 48,136,696	\$	39,641

Month End Portfolio Information	
Weighted Average Maturity	123
Yield to Maturity	1.00%
6 Month T-Bill Secondary Market	1.02%
NCCMT Cash Portfolio	0.64%

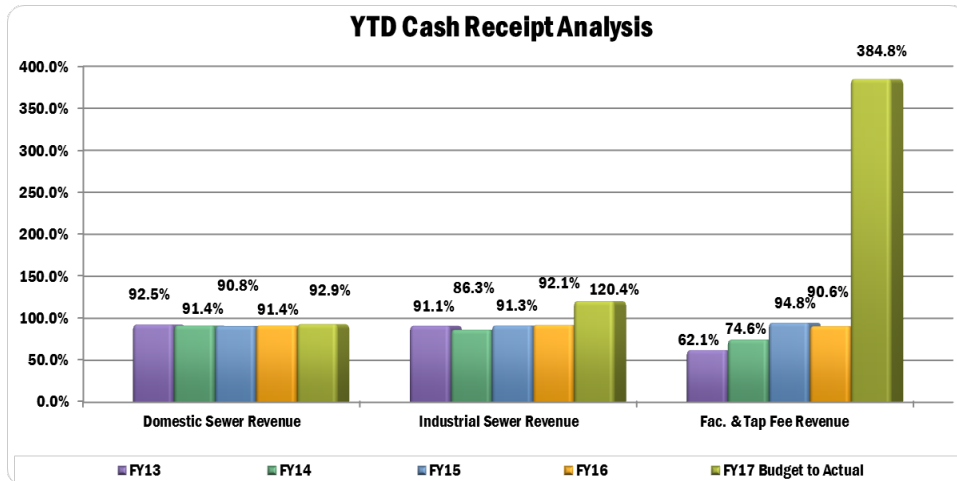


**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF CASH RECEIPTS
As of May 31, 2017**



Monthly Cash Receipts Analysis:

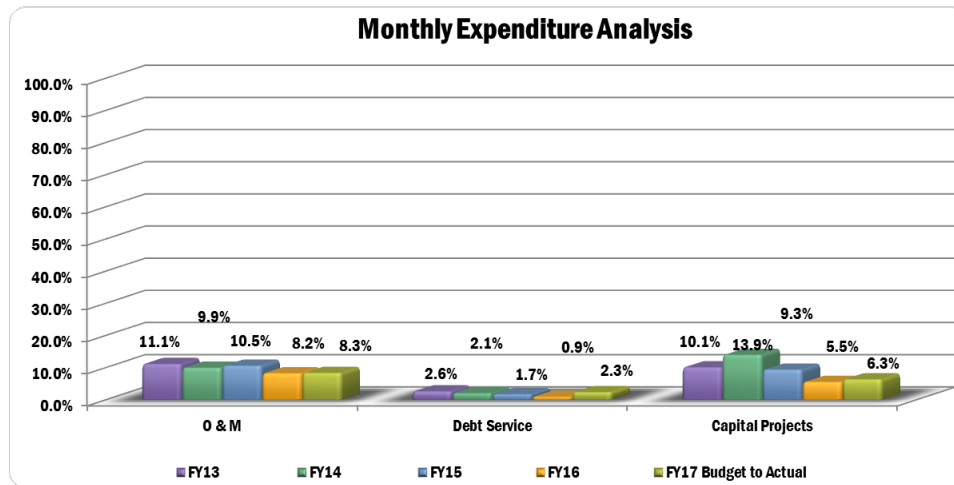
- ▲ Monthly domestic sewer revenue is considered reasonable based on timing of cash receipts in their respective fiscal periods.
- ▲ Monthly industrial sewer revenue is reasonable based on historical trends.
- ▲ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility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



YTD Actual Revenue Analysis:

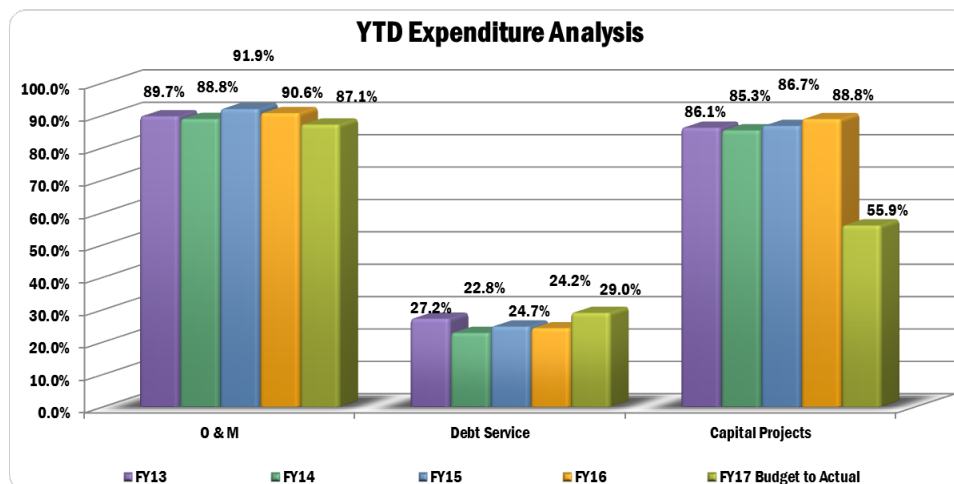
- ▲ YTD domestic sewer revenue is considered reasonable based on historical trends.
- ▲ YTD industrial sewer revenue is reasonable based on historical trends.
- ▲ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

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



Monthly Expenditure Analysis:

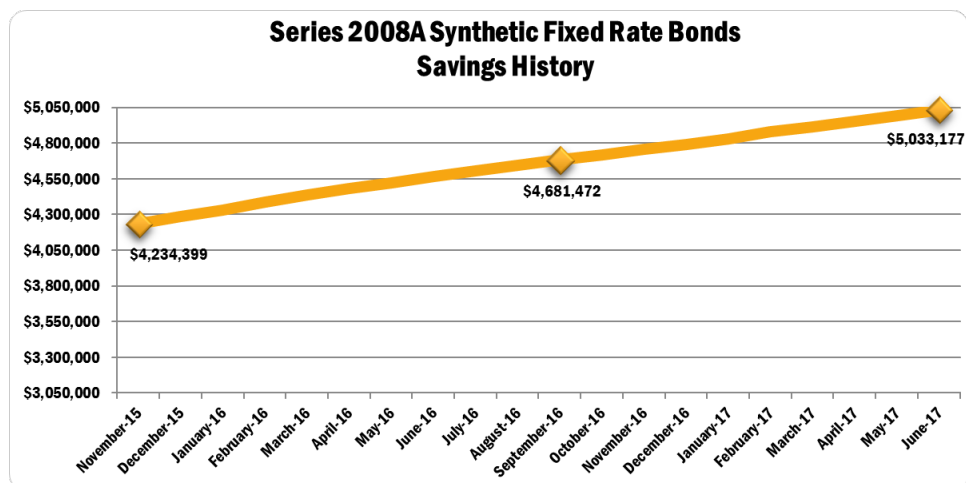
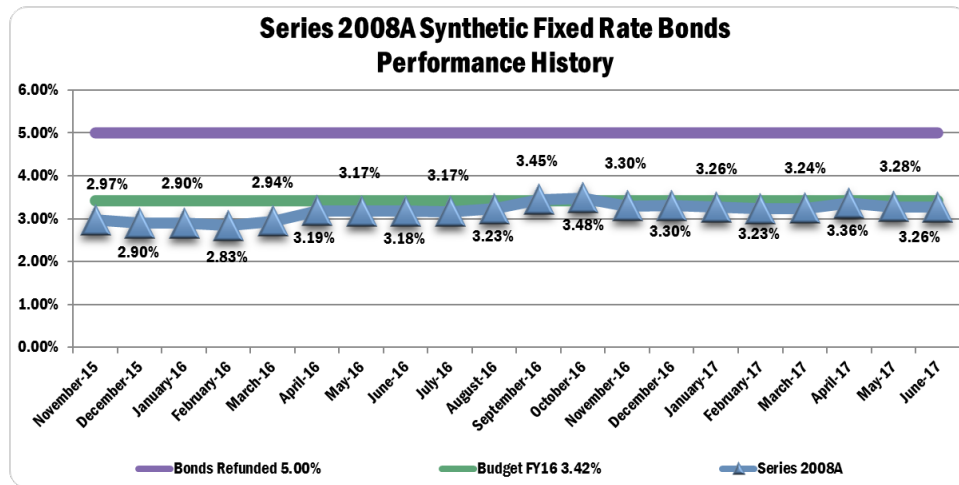
- Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures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



YTD Expenditure Analysis:

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

**METROPOLITAN SEWERAGE DISTRICT
VARIABLE DEBT SERVICE REPORT
As of June 30, 2017**



Series 2008A:

- ★ Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$5,033,177 as compared to 4/1/2008 fixed rate of 4.85%.
- ★ Assuming that the rate on the Series 2008A Bonds continues at the current all-in rate of 3.9475%, MSD will achieve cash savings of \$4,670,000 over the life of the bonds.
- ★ MSD would pay \$3,847,532 to terminate the existing Bank of America Swap Agreement.

STATUS REPORTS

MSD System Services In-House Construction	
FY 16-17 PROJECTS	
1	MSD System Services In-House Construction
2	FY 16-17 PROJECTS

FY 16-17 PROJECTS	
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PROJECT NAME	LOCATION	ZIP CODE	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	NOTES
Asheville Country Club Phase 1 B	N. Asheville	28804	1739	6/29/16 - 7/21/16	234696	631	7/21/2016	1739	complete
Asheville Country Club 6" Replacement	N. Asheville	28804	325	7/25/16 - 7/27/16	235071	631	7/27/2016	325	complete
Tanglewood Drive at Craggy Ave	W. Asheville	28803	141	7/18/16 - 7/28/16	233397	632	7/28/2016	101	complete
Graceland Place Rehabilitation	Arden	28704	120	6/27/16 - 8/2/126	234656	632	8/2/2016	120	complete
Dejeuil Drive Sewer Rehabilitation	W. Asheville (Starnes Cove)	28806	300	8/8/16 - 9/1/16	219451	632	8/15/2016	300	complete
Asheville Country Club Phase 2	N. Asheville	28804	3,900	7/28-16 - 9/28/16	225192	631	9/30/2016	3,923	complete
Lakeshore Drive	N. Asheville	28804	500	9/2/16 - 10-1/16	235169	632	10/5/2016	597	complete
Asheville Country Club Phase 1C	N. Asheville	28804	230	10/3/2016 -10/7/16	236906	631	10/6/2016	235	complete
166 S. French Broad Ave	Asheville	28803	280	10/4/16 - 10/7/16	236410	632	10/12/2016	317	complete
643 Haywood Road Emergency Sewer Rehabilitation	W. Asheville	28806	336	10/10/16 - 10/14/16	237069	632	10/20/2016	365	complete
Asheville Country Club Phase 3 (Robinhood Rd)	N. Asheville	28804	600	10/10/19 - 10/31/16	236602	631	11/16/2016	759	complete
Upper Chestnut @ Lookout Road (Ph. 1)	Woodfin	28804	800	11/07/16 - 12/30/16	210370	632	12/30/2016	787	complete
Meadowbrook Rd Rehabilitation	Black Mountain	28711	1327	11/17/16 - 1/31/17	236632	631	1/13/2017	1391	complete
Chestnut @ Lookout Road Phase 2	Woodfin	28804	479	1/3/17 - 1/13/17	239165	632	1/23/2017	496	complete
Buck Shoals Road	Arden	28704	350	1/13/17 - 1/31/17	239381	631	1/31/2017	356	complete
5 Spring Cove Terr	Beaverdam	28804	375	1/13/17 - 2/3/17	233212	632	2/7/2017	355	complete
Spears Avenue Rehabilitation	Asheville	28801	300	2/1/17 - 2./28/17	225197	631	2/17/2017	408	complete
Belmont Road	W. Asheville	28806	170	FY 16-17	233437	632	2/28/2017	185	complete
69 Providence Road	West Asheville	28806	500	2/6/16 - 3/10/17	231127	632	3/1/2017	571	complete
722 Center St	Asheville	28803	250	3/2/17 - 4/2/17	229911	632	3/17/2016	257	complete
Nebraska Street Emergency Rehabilitation (Ph. 2)	W. Asheville	28806	301	3/20/17 - 3/31/17	241251	631	3/31/2017	301	complete
304 9th Street	Black Mountain	28711	815	4/3/17 - 5/3/17	236507	632	4/28/2017	816	complete
24 Ivey Street	W Asheville	28806	850	4/13/17 - 5/30/17	236509	631	5/23/2017	759	complete
Celia Place at Bond Street	N. Asheville	28801	526	5/4/17 - 6/4/17	227752	632	5/26/2017	527	complete
18 Crestland Road	Asheville	28803	270	6/1/17-6/6/17	46826	631	6/5/2017	270	complete
Varden Place	Swannanoa	28778	1200	6/1/17 - 7/7/17	209952	632	6/28/2017	1258	complete
Sycamore Drive @ Walnut Street (Phase 1)	Arden	28704	2015	6/7/17-7/7/17	237385	631	6/30/2017	1230	complete



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2016 to 5/31/2017

	Dig Ups	Emergency Dig Ups	Dig Up ML Ftg	Dig Up SL Ftg	Manhole Repairs	Taps Installed	ROW Ftg	IRS Rehab Ftg *	Const Rehab Ftg *	D-R Rehab Ftg *	Manhole Installs	Bursting Rehab Ftg *	Total Rehab Ftg *
July 2016	24	9	114	706	35	27	1,620	0	16	377	11	1,788	2181
August 2016	40	11	149	1,050	36	40	1,586	0	264	300	6	120	684
September 2016	32	9	219	471	23	20	1,833	0	0	3923	23	0	3923
October 2016	44	5	478	917	36	31	9,920	0	0	1173	14	403	1576
November 2016	35	11	123	703	33	20	1,175	0	8	447	7	312	767
December 2016	32	7	178	794	21	26	0	0	0	582	7	205	787
January 2017	40	9	183	692	25	17	710	0	8	1161	13	1,082	2251
February 2017	26	19	266	1,386	28	35	965	0	48	373	8	575	996
March 2017	42	17	343	1,556	27	33	100	0	8	841	11	288	1137
April 2017	31	11	218	954	20	41	200	0	377	425	9	391	1193
May 2017	35	11	194	824	25	37	220	144	374	774	9	512	1804
Grand Totals	381	119	2,464	10,053	309	327	18,329	144	1103	10376	118	5,676	17299

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2016 to May 31, 2017

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2016							
July	45,193	2,360	6,542	51,735	20,983	32,171	20,618
August	75,579	1,531	12,085	87,664	26,074	42,442	17,103
September	105,529	1,471	11,406	116,935	12,671	26,129	16,406
October	66,420	2,175	10,127	76,547	17,277	46,276	21,969
November	35,682	3,046	12,831	48,513	21,342	13,076	9,061
December	39,977	2,212	7,424	47,401	17,146	5,282	28,363
2017							
January	39,078	2,846	9,508	48,586	13,472	8,344	27,431
February	112,190	2,093	11,803	123,993	20,768	9,177	1,800
March	80,434	2,361	5,808	86,242	18,973	8,472	3,136
April	76,346	1,601	5,958	82,304	20,019	3,500	3,000
May	152,481	2,241	10,477	162,958	20,913	1,000	23,397
Grand Total:	828,909	23,937	103,969	932,878	209,637	195,870	172,284
Avg Per Month:	75,355	2,176	9,452	84,807	19,058	17,806	15,662



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2016	106	26	41
	August, 2016	127	27	37
	September, 2016	92	28	43
	October, 2016	111	34	39
	November, 2016	119	34	39
	December, 2016	98	33	42
	January, 2017	121	31	41
	February, 2017	109	25	30
	March, 2017	124	24	40
	April, 2017	103	24	37
	May, 2017	109	25	40
		1,219	28	39
NIGHT 1ST RESPONDER				
	July, 2016	14	21	49
	August, 2016	32	25	28
	September, 2016	10	25	16
	October, 2016	22	30	32
	November, 2016	13	30	29
	December, 2016	11	17	16
	January, 2017	26	18	18
	February, 2017	24	26	36
	March, 2017	22	24	21
	April, 2017	29	27	30
	May, 2017	30	19	22
		233	24	27
ON-CALL CREW *				
	July, 2016	35	48	37
	August, 2016	34	43	33
	September, 2016	22	48	54
	October, 2016	43	41	34

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



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOB	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
ON-CALL CREW *				
	November, 2016	49	51	40
	December, 2016	60	50	33
	January, 2017	44	61	70
	February, 2017	43	43	40
	March, 2017	45	50	40
	April, 2017	48	44	49
	May, 2017	44	48	40
		467	48	42
Grand Totals:		1,919	33	38

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

Right of Way Section 4th Quarter Summary Open Projects

<i>Project</i>	<i>Total ROW Budget</i>	<i>Total Expends to Date</i>	<i>Comment</i>
Asheville Country Club GSR	\$34,879	\$21,637	Access 75% complete with 62% of Total Budget expended to date. Two condemnations likely. To be built in-house by SS.
Dingle Creek Interceptor (formerly Ph II)	\$64,657	\$48,004	Access 100% complete with 74% of Total Budget expended to date. One condemnation filed with judgment pending. Construction moved out from 7/09 to 7/25 due to low pipe rating.
Dry Ridge Road 4" Main	\$22,904	\$2,882	Access 67% complete with 13% of Total Budget expended to date.
Elkwood Avenue GSR	\$25,987		Intro letters out 6/27/17.
Hendersonville Rd. @ Rosscraggon Drive Phase 2	\$101,370	\$73,879	Access 95% complete with 73% of Total Budget expended to date. Anticipate one condemnation.
Jonestown Road GSR	\$26,122	\$7,916	Access 69% complete with 30% of Total Compensation expended to date. Anticipate one condemnation.
Nebraska Street Emergency Relocation		\$18,356	This is an emergency project to be built in-house by SS. We have negotiated contracts for easements after construction with four owners. One owner will sign easement before construction. One owner who will not agree to anything will be condemned.

CAPITAL IMPROVEMENT PROGRAM**STATUS REPORT SUMMARY****July 12, 2017**

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
COMMERCE STREET	Downtown Asheville 28801	Terry Brothers Construction Company	6/14/2017	7/17/2017	9/15/2017	\$190,657.00	0%	Preconstruction meeting was held on July 6th. Construction is scheduled to begin July 17th.
FRENO DRIVE PSR	Asheville 28803	Terry Brothers Construction Company	2/15/2017	5/1/2017	9/28/2017	\$511,623.00	70%	Project is progressing well.
LINING CONTRACT NO. 8	Various	IPR Southeast, LLC	1/18/2017	2/20/2017	8/1/2017	\$777,622.50	90%	Contractor working on added section. Project nearing completion.
LOUISIANA AVENUE @ BRUCEMONT CIRCLE	Asheville 28806	TBA	TBA	TBA	TBA	TBA	0%	Bids were opened on July 10th. Terry Brothers Construction Company is the apparent low bidder. Project will be presented at the July Board meeting.
POINT REPAIR CONTRACT NO. 1	Various	Patton Construction Group	8/17/2016	9/12/2016	6/30/2017	\$169,720.00	100%	Project is complete and in close out.
POINT REPAIR CONTRACT NO. 2	Various	TBA	TBA	TBA	TBA	TBA	0%	Bids were opened on June 29th. Patton Construction Group is the apparent low bidder. Project will be presented at the July Board meeting.
PLANT HEADWORKS IMPROVEMENTS	Woodfin 28804	Judy Construction Company	1/18/2017	4/3/2017	10/25/2018	\$8,377,000.10	4%	Submittals are being reviewed. 48" forcemain construction has begun; concrete for influent structure has begun; demo inside Sarge building has begun.
SWEETEN CREEK ROAD @ BUSBEE VIEW	Asheville 28803	Terry Brothers Construction Company	2/15/2017	4/10/2017	8/1/2017	\$192,315.00	98%	Mainline construction is complete and restoration in progress.

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

Planning & Development Project Status Report								
Active Construction Projects Sorted by Work Location and Project Number								
July 7, 2017								
#	Project Name	Project Number	Work Location	Zip Code	Units	LF	Pre-Construction Conference Date	Comments
1	Isaac Dickson School Relocation	2013033	Asheville	28801	School	504	1/13/2014	Final Inspection complete, awaiting close-out docs
2	Hunt Hill Apartments	2013111	Asheville	28801	180	1,729	3/5/2014	Final Inspection complete, awaiting close-out docs
3	Dillingham Woods	2014048	Asheville	28805	27	375	3/4/2015	Waiting on final inspection - Project delayed
4	Franklin School of Innovation	2014096	Asheville	28806	School	359	11/4/2016	Final Inspection complete, awaiting close-out docs
5	Rivermill Lofts Relocation	2014125	Asheville	28803	254	314	8/21/2015	Waiting on final inspection
6	Shelburne Road	2014126	Asheville	28806	9	418	4/5/2016	Final Inspection complete, awaiting close-out docs
7	Gibson Road (aka Four Seasons)	2014138	Asheville	28804	3	137	9/11/2015	Awaiting Conveyance of Sewer System
8	Craggy Park Ph. 1	2014164	Asheville	28806	45	1,935	10/23/2015	Final Inspection complete, awaiting close-out docs
9	First Baptist Relocation	2015032	Asheville	28801	Comm.	333	7/21/2015	Final Inspection complete, awaiting close-out docs
10	Ascot Point Apartments Phase 3	2015114	Asheville	28803	104	213	9/9/2016	Punchlist pending, awaiting closeout documents
11	8 Sulphur Springs Road	2015116	Asheville	28806	6	80	11/22/2016	Waiting on final inspection
12	The District	2015133	Asheville	28803	309	912	2/26/2016	Waiting on final inspection
13	Hampton Inn & Suites	2015144	Asheville	28806	Comm.	286	11/8/2016	Waiting on final inspection
14	Beale Road Subdivision (Habitat)	2015200	Asheville	28704	21	730	4/5/2016	Final Inspection complete, awaiting close-out docs
15	Fairfield Inn & Suites - Tunnel Road	2015203	Asheville	28805	Comm.	350	4/29/2016	Waiting on final inspection
16	Atkins Street	2016009	Asheville	28803	45	903	1/20/2017	Waiting on final inspection
17	88 Southside Avenue	2016015	Asheville	28801	18	400	2/21/2017	Waiting on final inspection
18	Woodbridge Park	2016082	Asheville	28803	20	615	2/17/2017	Waiting on final inspection
19	Richland Street	2016141	Asheville	28801	5	540	1/13/2017	Final Inspection complete, awaiting close-out docs
20	Lausch Subdivision	2016153	Asheville	28805	4	248	5/16/2017	Pre-con held, construction not yet started
21	880-888 Patton Avenue	2016182	Asheville	28806	4	85	1/31/2017	Final Inspection complete, awaiting close-out docs
22	Bear Creek Homes	2016220	Asheville	28806	30	1,400	3/28/2017	Testing
23	Grindstaff Subdivision	2016246	Asheville	28805	4	132	6/23/2017	Pre-con held, construction not yet started
24	Shiloh Cottages	2016252	Asheville	28803	7	180	3/3/2017	Pre-con held, construction not yet started
25	West Keesler Avenue	2007176	Black Mountain	28711	6	410	11/15/2016	Testing
26	Settings at Black Mountain	2008016	Black Mountain	28711	30	907	11/13/2015	Final Inspection complete, awaiting close-out docs
27	808 Montreat Road	2015126	Black Mountain	28711	4	371	4/18/2017	Pre-con held, construction not yet started
28	Tudor Croft (aka Roberts Farm) Ph.2	2016170	Black Mountain	28711	46	1,320	1/3/2017	Installing
29	Peregrine's Ridge	2006160	Buncombe Co.	28730	14	635	11/8/2016	Waiting on final inspection
30	Pinnacle at Arabella Heights	2006277	Buncombe Co.	28704	28	482	11/10/2015	Final Inspection complete, awaiting close-out docs
31	Hyde Park Phase 2	2013058	Buncombe Co.	28704	14	500	12/3/2013	Waiting on final inspection
32	Creekside Cottages	2014095	Buncombe Co.	28704	7	504	3/12/2015	Final Inspection complete, awaiting close-out docs
33	Governor's Western Residence	2014100	Buncombe Co.	28804	Comm.	636	7/22/2015	Awaiting Easement Plat/Conveyance of Sewer System
34	Glenn Bridge Road	2014157	Buncombe Co.	28704	30	1,400	1/20/2017	Waiting on final inspection
35	Avondale Subdivision	2015052	Buncombe Co.	28803	4	215	4/7/2017	Pre-con held, construction not yet started
36	Somerset at Walnut Cove	2015079	Buncombe Co.	28704	12	473	8/19/2016	Final Inspection complete, awaiting close-out docs
37	Greymont Apartments	2015108	Buncombe Co.	28806	312	3,193	5/17/2016	Testing
38	Liberty Oaks Ph. 1A	2015157	Buncombe Co.	28715	125	705	1/17/2017	Testing
39	Bee Tree Village	2015158	Buncombe Co.	28778	26	1,118	3/17/2017	Pre-con held, construction not yet started
40	Williams-Baldwin Teacher Campus	2015166	Buncombe Co.	28806	24	313	9/16/2016	Final Inspection complete, awaiting close-out docs
41	Ball Gap Road	2015186	Buncombe Co.	28704	14	947	5/31/2016	Final Inspection complete, awaiting close-out docs
42	The Haven at Enka Lake	2015191	Buncombe Co.	28715	259	1,595	9/27/2016	Waiting on Final Inspection
43	Greenwood Fields Phase 1	2015204	Buncombe Co.	28804	158	2,830	6/16/2016	Final Inspection complete, awaiting close-out docs
44	Skyland Exchange	2015217	Buncombe Co.	28704	292	1,090	2/7/2017	Installing
45	Newbridge Parkway Apartments	2016013	Buncombe Co.	28804	308	1,575	9/2/2016	Waiting on final inspection
46	The Preserve at Avery's Creek	2016089	Buncombe Co.	28704	141	4,000	6/16/2017	Pre-con held, construction not yet started
47	Long Shoals Village Phase 2	2016109	Buncombe Co.	28704	Comm.	330	8/16/2016	Waiting on testing
48	Biltmore Lake Block I, Phase 3	2016234	Buncombe Co.	28803	23	1,887	5/23/2017	Installing
49	Biltmore Lake Block D2-E	2016243	Buncombe Co.	28803	19	3,265	5/23/2017	Installing
50	The Ramble Block H, Phase 1	2017039	Buncombe Co.	28803	4	1,440	5/23/2017	Pre-con held, construction not yet started
51	Greenwood Park Phase 1	2014067	Weaverville	28787	7	283	9/1/2015	Final Inspection complete, awaiting close-out docs
52	Monticello Apartments	2015124	Weaverville	28787	168	1,484	6/14/2016	Final Inspection complete, awaiting close-out docs
53	Creekside Village Phases III, IV, & V	2015167	Weaverville	28787	45	1,835	1/17/2017	Testing
54	New Homes at North Main (Crittter)	2016052	Weaverville	28787	54	1,808	2/10/2017	Waiting on Final
55	Maple Trace Phase 3	2016245	Weaverville	28787	24	1,260	5/2/2017	Waiting on testing
56	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Punchlist pending, awaiting closeout documents
57	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Punchlist pending, awaiting closeout documents
58	Ventana Phase 2A	2016059	Woodfin	28806	8	900	2/17/2017	Testing
TOTAL					3,384	54,538		