

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
JULY 16, 2014

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration Building at 2:00 p.m., Wednesday, July 16, 2014. Chairman VeHaun presided with the following members present: Ashley, Belcher, Bryson, Frost, Kelly, Manheimer, Pelly, Root, Russell, Stanley and Watts.

Others present were: Thomas E. Hartye, General Manager, William Clarke, General Counsel, Gary McGill with McGill Associates, P.A., Lee Thomason with Biltmore Farms, LLC, Joseph Martin with Woodfin Sanitary Water & Sewer District, and MSD Staff, Ed Bradford, Peter Weed, Scott Powell, Jim Hemphill, Mike Stamey, Ken Stines, Sam Sirles and Sondra Honeycutt.

2. Election of Officers:

Mr. VeHaun called on Mr. Clarke to preside over the election of Chairman. Mr. Clarke called for nominations for Chairman of the MSD Board. Mr. Stanley nominated Mr. VeHaun as Chairman. Mr. Russell seconded the nomination. Mr. Clarke called for further nominations. With no further nominations, Mr. Watts moved the nominations be closed. Mr. Root seconded the motion. Voice vote in favor of the motion was unanimous. Mr. Clarke called for a vote on the election of Mr. VeHaun as Chairman of the MSD Board for 2014-2015. By a show of hands, the vote was unanimous in favor of Mr. VeHaun.

Mr. VeHaun called for nominations for Vice Chairman of the MSD Board. Ms. Bryson nominated Mr. Kelly as Vice Chairman. Mr. Stanley seconded the nomination. With no further nominations, Mr. Root moved the nominations be closed. Mr. Watts seconded the motion. Voice vote in favor of the motion was unanimous. Mr. VeHaun called for a vote on the election of Mr. Kelly as Vice Chairman of the MSD Board. By a show of hands, the vote was unanimous in favor of Mr. Kelly.

Mr. VeHaun called for a motion to approve the appointment of Ms. Bryson as Secretary/Treasurer of the MSD Board. Mr. Pelly moved. Mr. Watts seconded the motion. Voice vote in favor of the motion 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 11, 2014 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the June 11, 2014 Board Meeting. With no changes, Mr. Pelly moved for approval of the minutes as presented. Mr. Kelly seconded the motion. Voice vote was unanimous in favor of the motion.

5. Discussion and Adjustment of Agenda:

None

6. Informal Discussion and Public Comment:

Mr. VeHaun welcomed Mr. Martin and Mr. Thomason. There was no public comment.

7. Report of General Manager:

With regard to Special Projects, Mr. Hartye reported MSD constructs between \$15 - \$18 million on its CIP for both collection and plant projects; this coming year will be approximately \$22.6 million. He stated MSD's in-house crews took on not only their part of the rehab program of sewer line construction of 20,000 feet per year, but responded to a large amount of emergency dig-ups in a wet year. One of the emergencies they responded to was over and above what most utilities would do.

Mr. Hartye presented slides regarding recent problems encountered with the Weaverville Pump Station #2 located on Riverside Drive and Highway 251. He explained a force main comes into the Station and a force main goes out. Also, a gravity line from the prison dumps into the Station as well. This Station was due for an upgrade in FY 2016 on the CIP, but due to a rain event, there was a blow-out on one of the lines and the other line ended up with a blow-out later. He stated this is an unusual Station in that it takes flow from a pump station in Weaverville and re-pumps it to the plant. Weaverville Pump Station #2 continues to get flow every few minutes from the Weaverville Pump Station #1 (24/7 - 365) and in order to work on this Station, an emergency pump-around was necessary.

Mr. Hartye reported that emergency crews installed a temporary repair while both a by-pass operation and full rehab operation could be designed in-house and installed by in-house construction crews. This work involved many disciplines working together from the Plant and System Services including mechanical, electrical, pipe line construction, engineering and tech services. He stated most utilities, because of its complexities, would call in the Consulting Engineer to design it then put it out for a Contractor to construct it. He explained what would be involved in this process. He presented slides showing the installation of new pipe; wet well; by-pass vault; frac tank and pumps. He further stated that in order to do this work, the entire system had to be drained, shut down Weaverville Pump Station #1 and drain everything back through Weaverville Pump Station #2 and install an isolation valve so the piping could be worked on. He presented slides showing MSD crews at work. He expressed his appreciation to Peter Weed and Mike Stamey, but even more to Ken Stines and Ben Reeves who were at the center of putting this project together out in the field. He stated Ken Stines was responsible for putting together the pump-around to make sure it worked, which was very critical, and Ben Reeves was over construction and putting together new piping, etc. Mr. VeHaun asked about the cost. Mr. Hartye stated MSD is spending approximately \$60,000 by doing it in-house vs. \$460,000 which was in the CIP budget for a contractor and an engineer. Mr. Pelly asked how many days it will take to complete. Mr. Hartye stated this will be done in phases with in-house crews. The main part took about five days; only the grouting and epoxy of the wet well remain.

Mr. Hartye presented a letter from Sylvia Farrington regarding work on Valley Vista Drive. He expressed thanks to Ben Reeves, Jesse Hunter and the entire construction section for their professionalism in completing the work. Mr. Stanley stated MSD crews did a great job and were most cordial to everyone.

Mr. Hartye presented a letter from George Owensby regarding idling trucks during a sewer repair job on Fairway Drive along with a response from MSD. He stated MSD will strive to do its part in reducing fuel consumption.

Mr. Hartye reported the Personnel Committee met July 15th at 9 a.m. The employee appreciation lunch is rescheduled to July 29th at 11:30 a.m. behind maintenance. The next Right of Way Committee meeting will be held at 9 a.m. on July 23rd. The next regular Board Meeting will be held August 20th at 2 p.m.

8. Report of Committees:

Personnel Committee

Mr. Stanley reported the Personnel Committee met July 15, 2014 to consider the evaluation of the General Manager. The Committee recommends a new 4-year contract; an increase in vacation days from 23-25; an increase in salary to \$170,000 and a \$5,000 bonus for a job well done. Mr. Stanley moved the Board approve the recommendation of the Personnel Committee. Mr. Watts seconded the motion. Ms. Manheimer asked what Mr. Hartye's salary was before. Mr. Clarke said it was \$158,828.00. Ms. Manheimer asked what the bonus was last year. Mr. Root said it was six percent. Ms. Manheimer stated Mr. Hartye does a great job and we're glad to have him and appreciate trying to correct salaries so they are competitive with what the going salaries are across the State. However, she has some concern about the bonus concept which is not something the City routinely uses or is familiar with in other entities she works with. She further stated she prefers continuing to move the salary in the right direction rather than relying on a bonus concept which she feels is scrutinized publicly and is hard to explain, so for that reason, she will vote against the recommendation, but agrees with the increase in salary. Mr. Root stated he feels there is something to be said for the bonusing mechanism as a way to keep the salary from reaching a point where next year when the salary is reviewed again, the Personnel Committee is starting at a higher level. Therefore, feels the bonusing mechanism can be a savings. Mr. Pelly asked if the bonus is included in each year of the 4-year contract. Ms. Frost said no, it would be evaluated every year as explained by Mr. Root. With no further discussion, Mr. VeHaun called for the question. Roll call vote was as follows: 10 Ayes; 2 Nays (Ms. Manheimer and Mr. Pelly).

9. Consolidated Motion Agenda:

a. Consideration of Bids for Sanitary Sewer Rehabilitation Project – Broadview Avenue:

Mr. Hartye reported this project is for the replacement of aged six-inch clay sewer lines located in the Oakley area and is comprised of 4,442 linear feet of 8-inch DIP. The contract was advertised and the following bids were received on June 28, 2014: Terry Brothers Const. Co., Inc. with a total bid of \$1,177,917.50; Thomas Construction Co. with a total bid of \$1,121,501.00; Don Moorhead Const. Co. with a total bid of \$1,117,393.00; Dillard Excavating Co. with a total bid of \$1,116,215.00 and Buckeye Bridge, LLC with a total bid of \$1,111,015.90. He further reported that Buckeye has completed numerous rehabilitation projects for MSD and has a satisfactory performance history. The FY14-15 Construction Budget for the sewer rehabilitation portion is \$1,305,000.00. Staff recommends award of this contract to Buckeye Bridge LLC in the amount of \$1,111,015.90, subject to review and approval by District Counsel.

b. Consideration of Developer Constructed Sewer Systems: Burk Street; Eargle Sewer Extension; Gorilla Carwash-Weaverville; Pinebrook Farms Relocation; Richmond Hill and West French Broad Master Plan Interceptor.

Mr. Hartye reported the Burk Street Sewer Extension Project is located inside the District boundary off Burk Street in the City of Asheville. The project included extending approximately 631 linear feet of 8-inch public gravity sewer to serve a twenty (20) unit residential development.

Mr. Hartye reported the Eargle Sewer Extension Project is located inside the District boundary off Old Haw Creek Road in the City of Asheville. The project included extending approximately 75 linear feet of 8-inch public gravity sewer to

serve a three (3) unit residential development.

Mr. Hartye reported the Gorilla Carwash Sewer Extension Project is located inside the District boundary off US 25/70 in the Town of Weaverville. The project included extending approximately 234 linear feet of 8-inch public gravity sewer to serve a commercial development.

Mr. Hartye reported the Pinebrook Farms Sewer Relocation Project is located inside the District boundary off Creekside View Drive in the Town of Weaverville. The project included relocating approximately 179 linear feet of 8-inch public gravity sewer and abandoning approximately 75 LF of 8-inch public gravity sewer to accommodate and serve an eight (8) unit residential development.

Mr. Hartye reported the Richmond Hill Sewer Rehabilitation Project is located inside the District boundary off Richmond Hill Drive in the City of Asheville. The project included rehabilitation of 358 LF of existing 10-inch private gravity sewer to serve a seven (7) unit residential development.

Mr. Hartye reported the West French Broad Master Plan Interceptor Sewer Extension project is located across the river from Biltmore Park. The extension began at MSD's Clayton Road Pump Station and extends to near Long Shoals Road. He stated this major line will provide for the orderly growth of the collection system and will serve future development in this area. The project included installation of approximately 5,835 LF of 16-inch DIP. The construction cost of this interceptor was \$1,468,582.96. Reimbursement to Biltmore Farms, LLC was approved by the Board on July 20, 2011 in the amount of \$225,138.49, but because Biltmore Farms, LLC shortened the scope of their original project, final reimbursement due to Biltmore Farms, LLC is \$173,222.00.

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

c. Cash Commitment/Investment Report – Month Ended May 31, 2014:

Mr. Powell reported Page 32 presents the makeup of the District's Investment Portfolio. The amount of the District's portfolio has changed significantly due to the issuance of \$28 million in revenue bonds in May. As of May and June, those funds were kept in the North Carolina Capital Management Trust portfolio and had an impact on the yield to maturity and are currently being invested. Page 33 is the MSD Investment Manager's report as of the month of May. The weighted average maturity of the investment portfolio is 91 days which decreased up to 100 days from the prior month. The yield to maturity is 0.27% and exceeds MSD's bench marks of the 6 month T-Bill and NCCMT cash portfolio. He stated there was a 0.20% basis point drop in the yield to maturity, but expects this will increase by the end of July based on future needs of that money as it pertains to the Capital Improvement Program. Page 34 is the MSD analysis of Cash Receipts. Monthly and YTD Domestic and Industrial sewer revenue are considered reasonable based on timing of cash receipts in comparison to their respective fiscal periods. YTD Facility and Tap fees are above historical trends due to the timing of 7 cash receipts from developers as well as fees being budgeted conservatively. Page 35 is the MSD Analysis of Expenditures. The District's 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 36 is the MSD Variable Debt Service report. The 2008A Series Revenue Refunding Bonds are performing better than budgeted expectations. As of the end of June, both issues have saved District rate payers \$3.4 million dollars in debt service since April, 2008.

Ms. Frost moved the Board approve the Consolidated Motion Agenda as presented. Mr. Watts seconded the motion. With no discussion, Mr. VeHaun called for the question. Roll call vote was as follows: 12 Ayes; 0 Nays.

10. Old Business:

Mr. VeHaun called on Mr. Clarke for an update on the lawsuit. Mr. Clarke reported the State appealed the decision of Judge Manning to the North Carolina Court of Appeals and he would be very surprised if a decision were rendered before the middle of next year.

11. New Business:

None

12. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:45 p.m.

Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 7/16/14

✓	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	VeHaun	2:15	
	03. Approval of Minutes of the June 11, 2014 Board Meeting.	VeHaun	2:20	
	04. Discussion and Adjustment of Agenda	VeHaun	2:25	
	05. Informal Discussion and Public Comment.	VeHaun	2:30	
	06. Report of General Manager	Hartye	2:40	
	07. Report of Committees: Personnel Committee – Bill Stanley – 7/15/14	VeHaun	2:55	
	08. Consolidated Motion Agenda		3:05	
	a. Consideration of Bids for Sanitary Sewer Rehabilitation Project – Broadview Avenue.	Hartye		
	b. Consideration of Developer Constructed Sewer Systems: Burk Street; Eargle Sewer Extension; Gorilla Carwash-Weaverville; Pinebrook Farms Relocation; Richmond Hill and West French Broad Master Plan Interceptor.	Hartye		
	c. Cash Commitment/Investment Report – Month Ended May 31, 2014.	Powell		
	09. Old Business:	VeHaun	3:15	
	10. New Business	VeHaun	3:20	
	11. Adjournment (Next Meeting (8/20/14))	VeHaun	3:25	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
JUNE 11, 2014

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 2015 was held in the Boardroom of MSD's Administration Building at 2:00 p.m., Wednesday, June 11, 2014. Chairman VeHaun presided with the following members present: Ashley, Belcher, Bryson, Frost, Kelly, Manheimer, Pelly, Root, Russell, and Watts. Mr. Stanley was absent.

Others present were: Thomas E. Hartye, General Manager, William Clarke, General Counsel, Gary McGill with McGill Associates, P.E., Joseph Martin with Woodfin Sanitary Water & Sewer District, Mark Barrett with the Asheville Citizen Times, and MSD staff, Ed Bradford, Scott Powell, Peter Weed, Ken Stines, Mike Stamey, Matthew Walter, Jim Hemphill, Julie Willingham and Sondra Honeycutt.

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 21, 2014 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the May 21, 2014 Board Meeting. With no changes, Mr. Pelly moved for approval of the minutes as presented. Mr. Watts seconded the motion. Voice vote was unanimous in favor of the motion.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

Mr. VeHaun welcomed Mr. Martin and Mr. Barrett. There was no public comment.

6. Report of General Manager:

Mr. Hartye reported the Final Budget will be presented to the Board and Public Hearing will be held following the Consolidated Motion Agenda. Attached is a 2-page synopsis of the FY2015 Budget.

Mr. Hartye reported each year MSD spends a great deal of money on repaving streets as a part of both Operations and the Capital Improvement Program. This is accomplished through both direct contracts and subcontracts for the various types of projects. This coming fiscal year MSD will spend approximately \$2.2 million for paving alone. He explained when MD replaces sewer lines in the street it restores the trench and then overlays the entire road for the length of the work. Whenever possible, MSD utilizes trenchless technology to avoid disruption to pavement and associated cost.

Mr. Hartye reported the Government Finance Officers Association has recognized MSD with a Certificate of Achievement for the Fiscal Year 2013 Comprehensive Annual Financial Report (CAFR). He expressed his thanks to Scott Powell and Teresa Gilbert for this effort.

Mr. Hartye presented a letter from the Western North Carolina Regional Air Quality Agency recognizing MSD for compliance with all air quality rules and regulations for 2013. He congratulated Peter Weed, Plant Operation and Maintenance staff. He presented a letter from Lloyd Johnson for work performed by MSD contractor

Terry Brothers Construction Company, Inc. and to Kevin Devlin who was the MSD Inspector. He also presented an e-mail from Rick Winkenwerder expressing his thanks to Mike Stamey, Shane Meadows, Carl Ellington, Jason Price, Marvin Felder, Jamie Foxx, Keith Gass and Kevin Johnson.

Mr. Hartye reported the June Right of Way Committee Meeting has been cancelled. The next meeting will be held at 9 am on July 23rd. The Personnel Committee will meet July 15th at 9 am. An employee appreciation lunch will be held behind Maintenance on July 15th at 11:30 am. The next regular Board Meeting will be held on July 16th at 2 pm.

7. Consolidated Motion Agenda:

a. Consideration of Bids for Sanitary Sewer Rehabilitation Project: East State Street at West Street:

Mr. Hartye reported this project is for the replacement of aged six-inch and eight-inch clay sewer lines located in downtown Black Mountain. This project is being coordinated with an NCDOT paving project on this street and is scheduled to begin later this summer, prior to the beginning of the 2014-2015 school year. The MSD portion is comprised of 1,610 linear feet of 8-inch DIP. The contract was advertised and the following bids were received on May 22, 2014: Dillard Excavating Co. with a total bid of \$788,815.00; Terry Brothers Construction Co., Inc. with a total bid of \$480,950.00 and David Grading, Inc. with a total bid of \$403,640.00. The apparent low bidder is David Grading, Inc. He stated because Davis Grading has not had previous experience with MSD rehabilitation projects staff checked multiple references which were highly positive. He further stated the FY14-15 construction budget for this project is \$519,000.00. Staff recommends award of this contract to Davis Grading, Inc. in the amount of \$403,640.00, subject to review and approval by District Counsel.

b. Consideration of Bids for Sanitary Sewer Rehabilitation Project – Mt. Vernon Place Phase II:

Mr. Hartye reported this project is for the replacement of aged six-inch clay sewer lines located in North Asheville and is comprised of 2,504 linear feet of 8-inch DIP and HDPE. The work is being coordinated with a City of Asheville rehabilitation project and after the project is complete, MSD and the City will cost-share to pave affected streets. The paving work will restore pavement to four MSD projects in the immediate neighborhood. The contract was advertised and only two bids were received on May 22, 2014, therefore, the project was re-advertised and the following two bids were received on May 30, 2014: Dillard Excavating Co. Inc. with a total bid of \$722,815.00 and Terry Brothers Construction Co., Inc. with a total bid of \$542,675.00. The FY14-15 Engineer's Estimate for the sewer rehabilitation portion is \$640,000.00. The total construction budget is \$809,000.00. The remaining amount is budgeted for the paving portions for this project, which will be cost-shared with the City of Asheville. Staff recommends award of this contract to Terry Brothers Construction Co., Inc. in the amount of \$542,675.00, subject to review and approval by District Counsel.

c. Consideration of Bids – Sodium Hypochlorite Contract:

Mr. Hartye reported the Plant is required to disinfect the effluent prior to discharge into the French Broad River and liquid sodium hypochlorite is used for this purpose. The current contract cost for sodium hypochlorite is \$0.67/gallon, with an estimated expenditure for FY14-based on 200,000 gallons usage of \$134,000.00. The following bids were received on May 23, 2014: Univar, Spartanburg, SC with a total

bid of \$147,000.00; Specialty Chemical, Cleveland, TN with a total bid of \$131,800.00; Water Guard, Wilson, NC with a total bid of \$190,000.00 and JCI Jones, Charlotte, NC with a total bid of \$134,000.00. Staff recommends award of the contract to Specialty Chemical Company at a unit price of \$0.659 per gallon (\$131,800.00) for one year.

d. Consideration of Bids – Sodium Bisulfite Contract:

Mr. Hartye reported that following Chlorine Detention time/final disinfection, the Plant is required to neutralize any remaining chlorine in the water prior to discharge into the French Broad River. Sodium Bisulfite is used for this purpose and is also used for odor control. The following bids were received and opened on May 23, 2014: Southern Ionics, West Point MS with a total bid \$114,000.00 and JCI Jones, Charlotte, NC with a total bid of \$114,700.00. The bid was based on an estimated usage for 2014-2015 of 100,000 gallons of Sodium Bisulfite. Staff recommends award of the contract for the supply of Sodium Bisulfite to Southern Ionics at a unit price of \$1.140 per gallon (\$114,000.00) for one year.

e. Consideration of MSD FY15 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 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). It is noted that paving restoration following District maintenance activities in road right of ways owned by the City of Asheville is handled under a separate paving contract between MSD and the City. The following bids were advertised and two informal bids were received on May 22, 2014: APAC-Atlantic, Inc. with a total bid of \$290,575.00 and French Broad Paving, Inc. with a total bid of \$206,212.50. This Non-City budget estimate is \$225,000.00. Staff recommends award of this contract to French Broad Paving, Inc. in the amount of \$206,212.50, contingent upon review and approval by District Counsel.

f. Report on MSD Paving Agreement with the City of Asheville:

Mr. Hartye reported 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 and permitting issues concerning City of Asheville streets. As a result, the City and the District entered into an agreement on July 1, 2011 wherein the District would make 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. He further reported that during the two contract years, the City crews provided excellent service, however, asphalt restoration for projects larger than 300 sf was found to be very costly and difficult to complete by City crews in a timely manner due to workload. In the spring of 2013 MSD and the City worked together to facilitate an annual renewing agreement which provided greater efficiency and economic feasibility for both sides. This agreement was approved by the MSD Board at the June 12, 2013 meeting. For FY15, the District's monetary contribution for this agreement is \$425,123.55 based upon usage throughout the past year with a total patching area of 20,000 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. The FY15 budget estimate for this item was \$450,000.00.

g. Consideration of Developer Constructed Sewer Systems: Biltmore Lake Block J; Camp Dorothy Walls and Willow Creek Phase 3:

Mr. Hartye reported the Biltmore Lake Block “J” Sewer Extension project is located inside the District boundary off Reeves Cove Road in Buncombe County. The project included extending approximately 3,990 linear feet of 8-inch public gravity sewer to serve a thirty-two (32) unit residential development.

Mr. Hartye reported the Camp Dorothy Walls Sewer Extension project is located inside the District boundary off North Fork Road in Black Mountain. The project included extending approximately 545 linear feet of 8-inch public gravity sewer to serve a commercial development.

Mr. Hartye reported the Willow Creek Phase 3 Sewer Extension project is located inside the District boundary on Kirby Road in the City of Asheville. The project included extending approximately 565 linear feet of 8-inch public gravity sewer to serve a twenty (20) unit residential development.

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

h. Cash Commitment/Investment Report – Month Ended April 30, 2014:

Mr. Powell reported Page 44 presents the makeup of the District’s Investment Portfolio. The makeup of the portfolio is substantially the same as compared to the prior month. Page 45 is the MSD Investment Manager’s report as of the month of April. The weighted average maturity of the investment portfolio is 191 days. The yield to maturity is 0.54% and exceeds MSD’s bench marks of the 6 month T-Bill and NCCMT cash portfolio. Page 46 is the MSD Analysis of Cash Receipts. Monthly and YTD Domestic and Industrial sewer revenue are considered reasonable based on timing of cash receipts in comparison to their respective fiscal periods. YTD Facility and Tap fees are above historical trends due to the timing of 7 cash receipts from developers as well as fees being budgeted conservatively. Page 47 is the MSD Analysis of Expenditures. The District’s 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 48 is the MSD Variable Debt Service report. The 2008A Series Revenue Refunding Bonds are performing better than budgeted expectations. As of the end of May, both issues have saved District rate payers \$3.4 million dollars in debt service since April, 2008.

Ms. Frost moved the Board approve the Consolidated Motion Agenda as presented. Mr. Watts seconded the motion. With no discussion, Mr. VeHaun called for the question. Roll call vote was as follows: 11 Ayes; 0 Nays.

8. Public Hearing: Consideration of Resolution Adopting the Final Budget for FY2014-2015 and Schedule of Sewer Rates and Fees:

MINUTES OF PUBLIC HEARING

At 2:22 p.m. Mr. VeHaun declared the Public Hearing open on the Final Budget, Rates & Fees for Fiscal Year 2014-2015 and called on Mr. Powell to present the Budget.

Mr. Powell reported Page 49 is the Budget Action item. The Finance Committee/Staff recommends Board approval of the proposed FY2015 Final Budget, FY2015 Budget Resolution, and FY2015 Schedule of Sewer Rates and Fees. Page 50 is the Flow of Funds Chart, which is a graphical representation of the budget resolution. Page 51 is the proposed Budget Resolution. Included in the Resolution is the Budget Summary, which can be found on Page 36. The proposed FY15 budget is \$49,173,451 and incorporates the following:

- ▶ 2.5% domestic rate increase
 - .67 cent increase in the average single family monthly bill
 - Monthly bill will go from \$27.81 to \$28.49
- ▶ Continuation of the Industrial Rate Parity Plan
 - MSD is in year 15 of 20
 - 4% average increase for the industrial section
- ▶ Facility and Tap fees remain at 2012 levels.
- ▶ 1.0% Rate of Return on investments
- ▶ .99% increase in Salaries and Benefits which has an impact of \$117,000. Includes Personnel Committee recommendations as to Salary Adjustments, Self-Insurance Funding and GASB 45 OPEB Funding as well as State required Retirement contribution and unemployment funding
- ▶ 4.2% increase in Materials Supplies and Service, which has an impact of \$253,679

Mr. Powell further reported Page 55 is a detailed Schedule of Rates and Fees. He called for any questions or comments on the Budget. Mr. Belcher stated Mr. Powell's explanation of the Flow Chart at the last meeting was very helpful. Mr. Powell stated there has been no change from the Preliminary Budget presented last month to the Final Budget on an expenditure as well as rate perspective.

Mr. VeHaun called for public comment on the proposed Budget, Rates and Fees for FY2014-2015. With no comment, Mr. VeHaun declared the Public Hearing closed at 2:26 p.m.

Mr. VeHaun called for a motion to approve the Resolution adopting the Final Budget, Rates & Fees for FY2014-2015. Mr. Russell moved. Ms. Frost seconded the motion. With no discussion, Mr. VeHaun called for the question. Roll call vote was as follows: 11 Ayes; 0 Nays.

9. Old Business:

None

10. New Business:

Mr. Clarke reported the City of Asheville prevailed in its lawsuit against the State at the trial court level and Judge Manning's decision ruled the Statute unconstitutional for taking. Mr. Clarke encouraged the Board to read Judge Manning's decision. Mr. Russell asked about the time limit on the State's appeal. Mr. Clarke said 30 days. Ms. Frost asked if an appeal is likely to happen. Mr. Clarke said yes. Ms. Frost asked if the appeal would be more expense for taxpayers. Mr. Clarke stated it would be more of a shared expense.

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:29 p.m.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: July 10, 2014
SUBJECT: Report from the General Manager

- Special Project Update

MSD constructs between \$15- \$18 million on its CIP for both collection and plant projects (this coming year its \$22.6 million).

MSD's in-house crews took on not only their part of the rehab program of sewer line construction of 20,000 feet per year and a large amount of emergency dig-ups in such a wet year, they took on both an emergency repair along with a pump station upgrade. This project was on the CIP a few years out and MSD is saving over \$300,000 by doing it with an in-house SWAT team that involved engineering, plant maintenance, tech services, and construction.

Also, MSD is running a pilot study on an air treatment system to meet future regulations that could potentially save several million dollars compared to the (only) conventional system currently available.

I will show some pictures give an update on these efforts at the meeting.

- Letters

- Attached is a letter from Sylvia Farrington regarding the work on Valle Vista Drive. Many thanks to Ben Reeves, Jesse Hunter and the entire construction section for their professionalism in completing the work.
- Attached is a letter from George Owensby regarding idling trucks during a sewer repair job on Fairway Drive along with a response from MSD. We will strive to do our part in reducing our fuel consumption.

- Board/Committee Meetings/Events

The Personnel Committee will meet July 15th at 9am. We will have an employee appreciation lunch behind maintenance on July 15 at 11:30am. The next Right of Way Committee meeting will be held at 9 am on July 23rd. The next Regular Board Meeting will be held on August 20th at 2 pm.

SYLVIA E. FARRINGTON

8 Valle Vista Drive, Asheville, NC 28804, USA

(828) 251-6222 (h); (828) 242-9002 (c)
Sylvia.Farrington@yahoo.com

July 2, 2014

Mr. Mike Stamey
System Services Construction Director
Metropolitan Sewage District
2028 Riverside Drive
Asheville, NC 28804

Dear Mr. Stamey,

I am writing to commend your department for the sewer line replacement that was done on Valle Vista Drive. Specifically, I want to call attention to the friendly courteousness and professionalism demonstrated by the workers assigned to the project.

As a resident on this street, I feel your workers did all they could to minimize the potential inconvenience of the roadwork to me and my neighbors, including providing consistent, timely, and accurate communication about where and when planned work would be starting and finishing.

Many thanks for a job well done, and please do pass along this positive feedback to the work crew, and especially to Ben Reeves and Jesse Hunter, as they most heartily deserve it.

All the Best,



Sylvia Farrington
Resident

RECEIVED

JUN 23 2014

MAYOR

6/13/14

180 Governors' View Rd
Asheville, N.C. 28805

Dear Mayor Monheim:

I am writing you, Mayor Monheim, as our main political leader and also know you sit on the MSD Board. I am, and have been a tax-paying citizen in Buncombe Co. for over 30 years and a firm believer that essential services are not always accomplished in the most efficient manner possible. As a state employee I see it everyday in the agency I work for. More importantly to me I am also a dedicated environmentalist and applaud local government's recent efforts to lower our carbon footprint, a complicated procedure I am sure. However often times they are quite simple. Case in point: I live in East Asheville and often run in the Beverly Hills neighborhood which I was doing approximately one week ago. At that time an MSD crew was working on a problem near the Municipal Golf Course clubhouse, there were 4 large pick-up, a dump truck and backhoe. All of these vehicles sat with their diesel engines running for well over an hour. The dump truck driver was in air conditioned comfort for the entire time. Is there nothing to be done politically to address this? Is any given day in a county as large as Buncombe this scene is likely played out multiple times. I believe you are a progressive leader and will do your best to hopefully help in rectifying this issue.

Sincerely
George Owensky



Mr. George Owensby
180 Governors View Road
Asheville, NC 28805

June 30, 2014

Re: Public Concern for MSD Construction Work on Fairway Drive

Dear Mr. Owensby,

The Metropolitan Sewerage District is in receipt of your June 18th letter of concern to Mayor Manheimer and Councilman Pelly regarding idling trucks during the sewer repair activities near the Asheville municipal golf course clubhouse in early June. Thank you for your concern and interest in the reduction of greenhouse gas emissions. MSD takes these concerns seriously as well.

The MSD crew was replacing a clean-out and sewer service lateral line in the road which was stopped up and had caused a flooded basement for the adjacent home. Our records indicate that MSD worked from 11:55 AM until 3 PM on June 11th to fix the problem and restore sewer service to the home.

For this activity, the 5-person MSD crew utilized a dump truck, backhoe, and two utility crew trucks. The dump truck was on-site to haul off the excavated soil and to bring back a load of road bond (aggregate base course stone) to restore the trench in the roadway. During this activity our truck driver stayed in the truck with the engine running so he could move and position the truck for loading and unloading as needed. Please note that part of the dump truck's time that day was spent traveling to and from our office in Woodfin for disposal of the excavated soil and loading of the road bond material from our stockpile.

In addition to the back hoe and dump truck engines running at this site, there also was an air compressor used to power a jack hammer, a walk behind saw used to cut the asphalt, and periodically a generator running to power other small tools. All of this equipment was needed in order to complete the job at hand.

The crew leader for the project that day has informed me that another "non-MSD" crew was working nearby with trucks and equipment at that same time as well.

With the above being said, MSD takes your concern very serious. It is MSD's policy to conserve fuel and other resources where possible. I have discussed your concern with our crew and they

have been reminded of MSD's policy of not allowing vehicles and equipment to idle unnecessarily. We will continue to work toward improvement in this area going forward.

Thank you for your comments, your concern and for taking the time to write letter to convey them. If you have any additional questions or concerns, please feel free to contact me or Mike Stamey at (828) 254-9646.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas E. Hartye". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Thomas E. Hartye, PE
General Manager

cc: Mayor Manheimer
Councilman Pelly
Bill Russell
Jerry Vahaun, Chairman

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

BOARD MEETING DATE: July 16, 2014

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

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

SUBJECT: Sanitary Sewer Rehabilitation Project: Broadview Avenue, MSD Project No. 2009127

BACKGROUND: This project is for the replacement of aged six-inch clay sewer lines located in the Oakley area. The lines are in poor structural condition, which has caused multiple SSO's.

This project is comprised of 4,442 linear feet of 8-inch DIP. It is the largest collection system project for FY14-15.

The contract was advertised and five bids were received on Thursday June 26, 2014 as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Terry Brothers Const. Co., Inc.	\$1,177,917.50
2) Thomas Construction Co.	\$1,121,501.00
3) Don Moorhead Const. Co.	\$1,117,393.00
4) Dillard Excavating Co.	\$1,116,215.00
5) Buckeye Bridge, LLC	\$1,111,015.90

The apparent low bidder is Buckeye Bridge, with a bid amount of \$1,111,015.90. Buckeye has completed numerous rehabilitation projects for MSD, and has a satisfactory performance history.

Please refer to the attached documentation for further details.

FISCAL IMPACT: The FY14-15 Construction Budget for this project is \$1,305,000.00.

STAFF RECOMMENDATION: Staff recommends award of this contract to Buckeye Bridge, LLC in the amount of \$1,111,015.90, subject to review and approval by District Counsel.

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

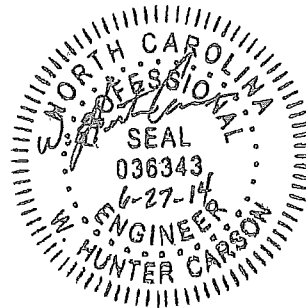
**BROADVIEW AVENUE SEWER REPLACEMENT
PROJECT NO. 2009127**

**BID TABULATION
June 26, 2014**

BIDDER	Bid Bond	MBE Form	Bid Forms (Proposal)	TOTAL BID AMOUNT
Terry Brothers Construction Company Leicester, NC	5%	1	Yes	\$1,177,917.50
Thomas Construction Company Johnson City, TN	5%	2	Yes	\$1,121,501.00
Don Moorhead Construction Company Belton, SC	5%	1	Yes	\$1,117,393.00
Dillard Excavating Company Sylva, NC	5%	1	Yes	\$1,116,215.00
Buckeye Bridge LLC Canton, NC	5%	1	Yes	\$1,111,015.90

APPARENT LOW BIDDER

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



This is to certify that the bids tabulated herein were publicly opened and read aloud at 2:00 p.m. on the 26th day of June, 2014, 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.

Interoffice Memorandum

TO: Tom Hartye, General Manager

FROM: Ed Bradford, Director of Engineering
Hunter Carson, Project Engineer

DATE: June 27, 2014

RE: Broadview Avenue Sewer Replacement, MSD Project No. 2009127

The Broadview Avenue Sewer Replacement project is located in the Oakley neighborhood of Asheville, adjacent to the I-240 & I-40 interchange. The project is in MSD sub-basin No. 34, and includes sewer replacement on Broadview Avenue, Cleveland Avenue, Winston Avenue, Raleigh Road, Concord Place, Lincoln Avenue, and Bristol Place.

Approximately 4,442 linear feet of 8-inch DIP sewer line will be installed to replace existing six-inch VCP lines. The existing piping is in poor structural condition, and has experienced multiple SSOs.

On June 26, 2014, five (5) sealed bids were received at 2:00 pm. The results were as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Terry Brothers Construction Co., Inc.	\$1,177,917.50
2) Thomas Construction Company	\$1,121,501.00
3) Don Moorhead Construction	\$1,117,393.00
4) Dillard Excavating Company	\$1,116,215.00
5) Buckeye Bridge, LLC	\$1,111,015.90

The apparent low bidder is Buckeye Bridge, LLC with a bid amount of \$1,111,015.90.

The FY14-15 construction budget for this project is \$1,305,000.00. Buckeye Bridge, LLC is a relatively new company, established in January 2013, which previously operated under the name Buckeye Construction Company. Buckeye Construction Company has extensive experience with District rehabilitation and replacement projects and has a good performance history. Buckeye Bridge is currently finishing another CIP project, Old US70 @ Grovemont Avenue Sewer Replacement, and has performed to the satisfaction of MSD staff.

Staff recommends award of this contract to Buckeye Bridge, LLC contingent upon review and approval by District Counsel.

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

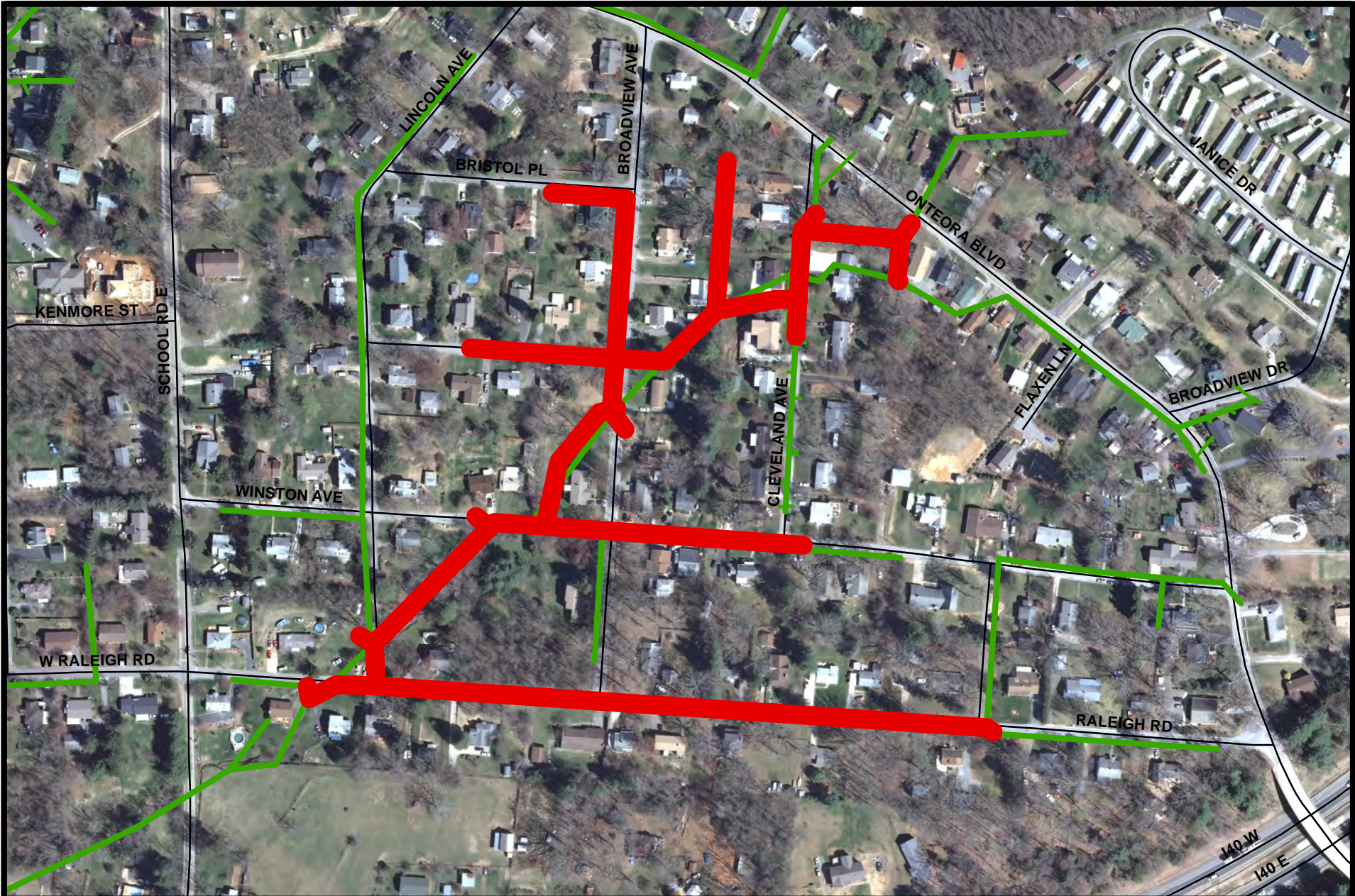
BUDGET DATA SHEET - FY 2014 - 2015

PROJECT: Broadview Avenue	LOCATION: Asheville (Oakley)
TYPE: General Sewer Rehab.	PIPE RATING: 55
PROJECT NO. 2009127	TOTAL LF: 4,524
PROJECT BUDGET: \$1,408,500.00	PROJECT ORIGIN: SSO's, Work Orders, Line Condition

DESCRIPTION	ESTIMATED PROJECT COST	TOTAL EXPENDS THRU 12/31/13	EST. COST JAN - JUNE 2014	EST. BUDGET FY 14-15
55310 - PRELIM. ENGINEERING				
55320 - SURVEY - DESIGN	\$17,200.00	\$17,145.00		
55330 - DESIGN				
55340 - PERMITS	\$200.00			\$200.00
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS	\$8,700.00	\$8,685.00		
55370 - LEGAL FEES	\$10,000.00	\$6,109.00	\$3,891.00	
55380 - ACQUISITION SERVICES	\$14,100.00	\$5,781.00	\$8,299.00	
55390 - COMPENSATION	\$35,000.00	\$6,324.00	\$28,676.00	
55400 - APPRAISAL	\$2,500.00		\$2,500.00	
55410 - CONDEMNATION	\$1,500.00		\$1,000.00	\$500.00
55420 - CONSTRUCTION	\$1,305,000.00			\$1,305,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING	\$3,000.00			\$3,000.00
55450 - SURVEY - ASBUILT	\$11,300.00			\$11,300.00
TOTAL AMOUNT	\$1,408,500.00	\$44,044.00	\$44,366.00	\$1,320,000.00

ENGINEER: MSD	HC	ESTIMATED BUDGETS - FY '15 -'24	
R.O.W. ACQUISITION: Consultant	# PLATS: [16]	FY 15-16	\$0.00
CONTRACTOR:		FY 16-17	\$0.00
CONSTRUCTION ADM: MSD		FY 17-18	\$0.00
INSPECTION: MSD		FY 18-19	\$0.00
		FY 19-20	\$0.00
PROJECT DESCRIPTION: This project is located in the Oakley neighborhood of Asheville and includes replacement of 4,524 LF of 8-inch ductile iron pipe along Broadview Ave., Lincoln Ave., Raleigh Rd., and Winston Ave., among others. The existing 8-inch sewer line is in poor condition and has experienced multiple SSO's.		FY 20-21	\$0.00
		FY 21-22	\$0.00
		FY 22-23	\$0.00
		FY 23-24	\$0.00

SPECIAL PROJECT NOTES:



**Broadview Avenue
Project No. 2009127**

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 16, 2014

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

PREPARED BY: Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Burk Street Sewer Extension Project.

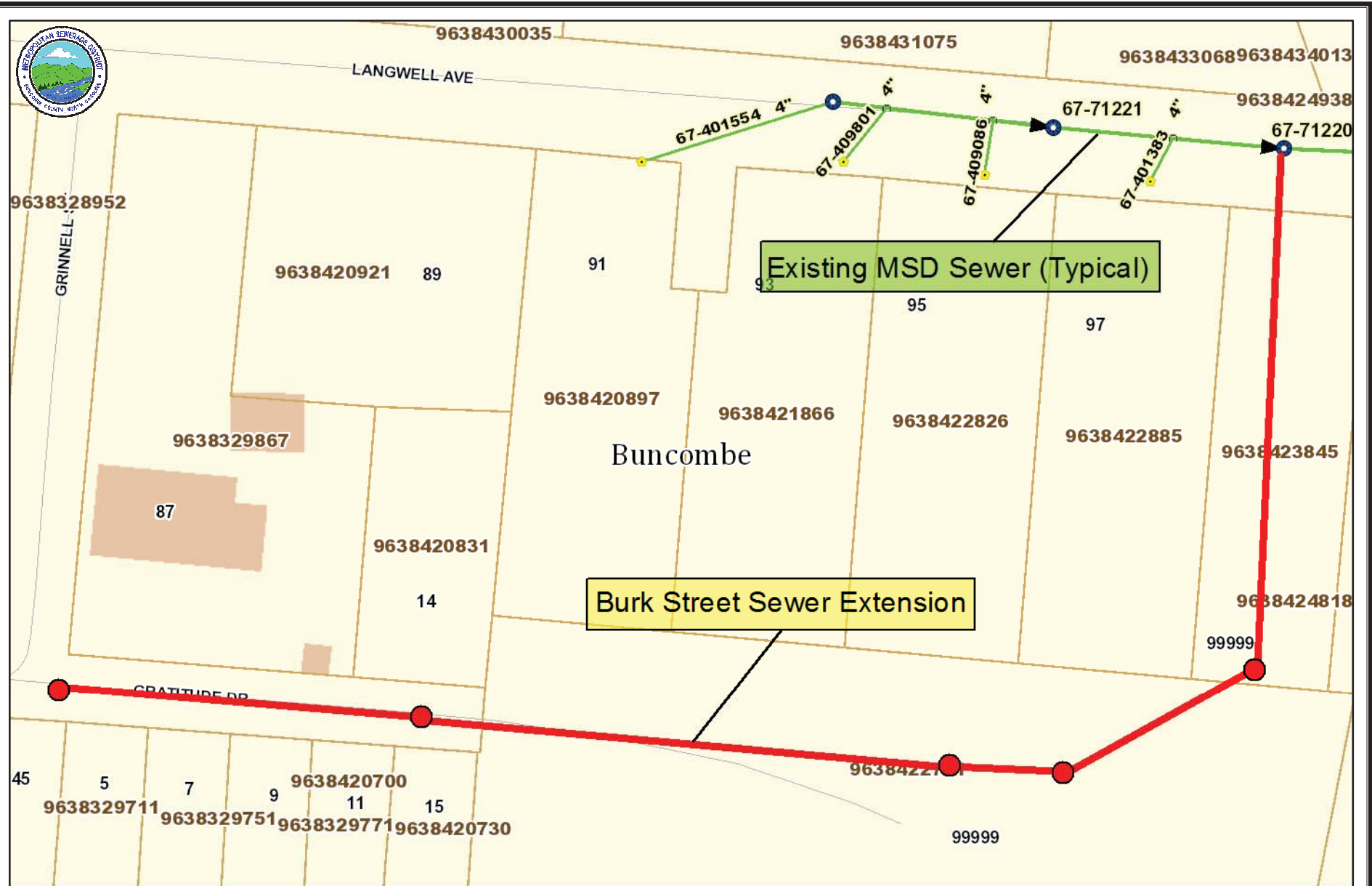
BACKGROUND: This project is located inside the District boundary off Burk Street in the City of Asheville. The developer of the project is Christopher Eller of Farmbound Holdings, LLC.

The project included extending approximately 631 linear feet of 8-inch public gravity sewer to serve the twenty (20) unit residential development.

A wastewater allocation was issued in the amount of 6,000 GPD for the project. The estimated cost of the sewer construction is \$46,000.00.

All MSD requirements have been met.

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



Burk Street Sewer Extension MSD Project #2012115

Author: KJ

1 in = 50 ft

Date: 7/8/2014

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).

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 16, 2014

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

PREPARED BY: Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Eargle Sewer Extension Project.

BACKGROUND: This project is located inside the District boundary off Old Haw Creek Road in the City of Asheville. The developer of the project is Steve Eargle.

The project included extending approximately 75 linear feet of 8-inch public gravity sewer to serve the three (3) unit residential development.

A wastewater allocation was issued in the amount of 1,200 GPD for the project. The estimated cost of the sewer construction is \$11,220.00.

All MSD requirements have been met.

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



Existing MSD Sewer (Typical)

Eargle Sewer Extension

Buncombe

Eargle Sewer Extension MSD Project #2011077

Author: KJ

1 in = 13 ft

Date: 7/8/2014

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Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 16, 2014

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

PREPARED BY: Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Gorilla Carwash Sewer Extension Project.

BACKGROUND: This project is located inside the District boundary off US 25/70 in the Town of Weaverville. The developer of the project is Brian Blakey of WTXNC Holdings, LLC.

The project included extending approximately 234 linear feet of 8-inch public gravity sewer to serve the commercial development.

A wastewater allocation was issued in the amount of 10,200 GPD for the project. The estimated cost of the sewer construction is \$35,000.00.

All MSD requirements have been met.

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



Gorilla Carwash MSD Project #2013109

Author: KJ

1 in = 50 ft

Date: 7/9/2014

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Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 16, 2014

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

PREPARED BY: Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Pinebrook Farms Sewer Relocation Project.

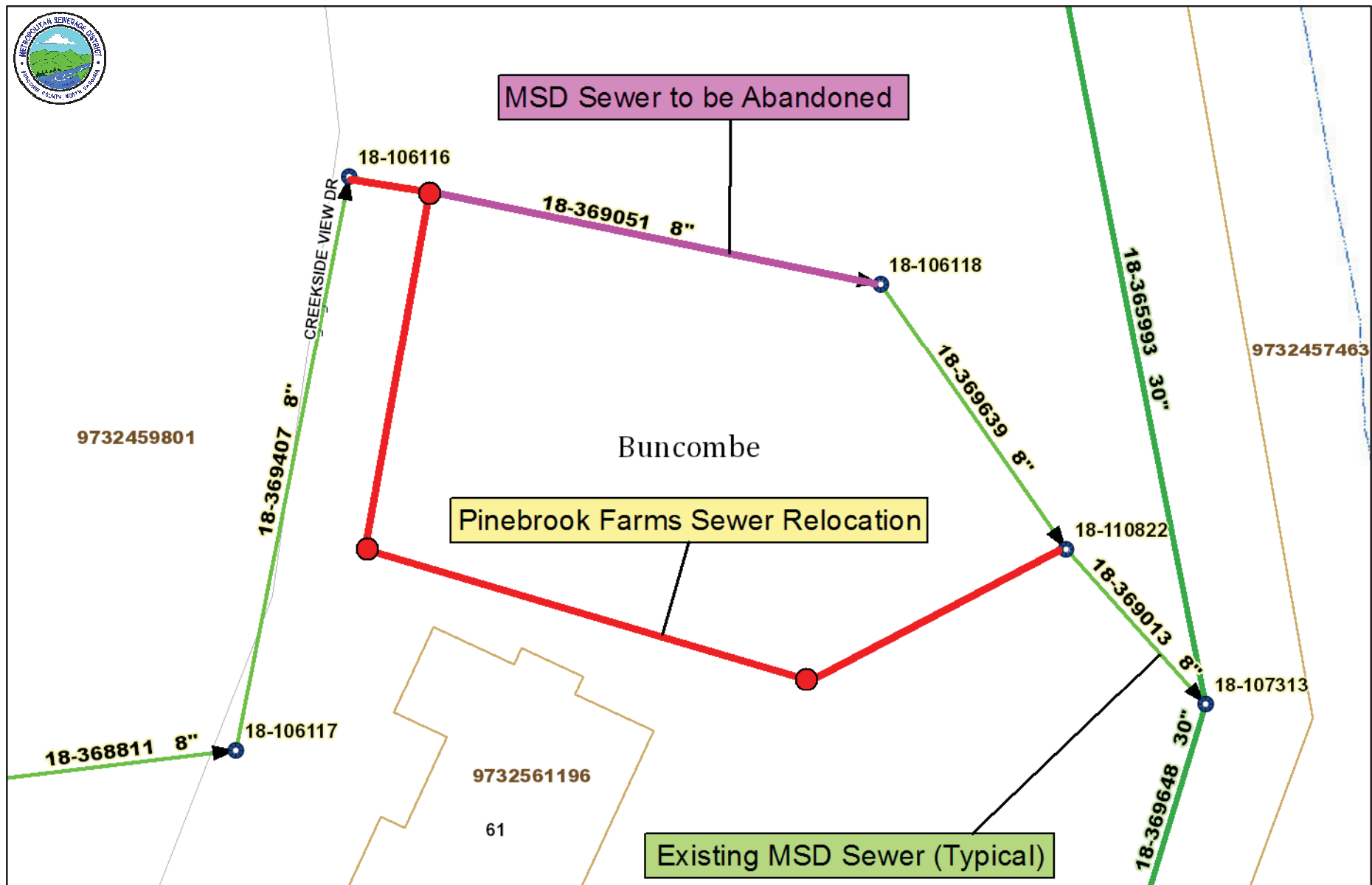
BACKGROUND: This project is located inside the District boundary off Creekside View Drive in the Town of Weaverville. The developer of the project is Bruce Alexander of Lifestyle Homes.

The project included relocating approximately 179 linear feet of 8-inch public gravity sewer and abandoning approximately 75 LF of 8-inch public gravity sewer to accommodate and serve the eight (8) unit residential development.

A wastewater allocation was issued in the amount of 2,400 GPD for this phase of the project. The estimated cost of the sewer construction is \$25,070.00.

All MSD requirements have been met.

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



Pinebrook Farms Sewer Relocation MSD Project #2013148

Author: KJ

1 in = 25 ft

Date: 7/9/2014

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).

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 16, 2014

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

PREPARED BY: Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Richmond Hill Sewer Rehabilitation Project.

BACKGROUND: This project is located inside the District boundary off Richmond Hill Drive in the City of Asheville. The developer of the project is Bill Chase.

The project included rehabilitation of 358 LF of existing 10-inch private gravity sewer to serve the seven (7) unit residential development.

A wastewater allocation was issued in the amount of 2,400 GPD for the project. The estimated cost of the sewer construction is \$5,500.00.

All MSD requirements have been met.

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

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: July 16, 2014

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

PREPARED BY: Roger Watson, P.E. - Project Manager
Kevin Johnson

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

SUBJECT: Acceptance of Developer Constructed Sewer System and Cost Reimbursement for the West French Broad Master Plan Interceptor Sewer Extension, MSD Project 2011025

BACKGROUND: This project is located along the French Broad River, in the Skyland area of Buncombe County. It began at MSD's Clayton Road Pump Station and extended to near Long Shoals Road.

This major line will provide for the orderly growth of the collection system, and will serve future development in this area. In accordance with the MSD Collection System Master plan - MSD designed, permitted, and obtained right of way for this interceptor. The project included installation of approximately 5,835 LF of 16-inch DIP.

Construction of this system was administered and funded by the developer, Biltmore Farms, LLC. Timely installation of this system was required to serve their proposed Aventine residential development which is being constructed on the property near Long Shoals Road. The on-site sewer system within that development will be submitted at a later date for acceptance by MSD.

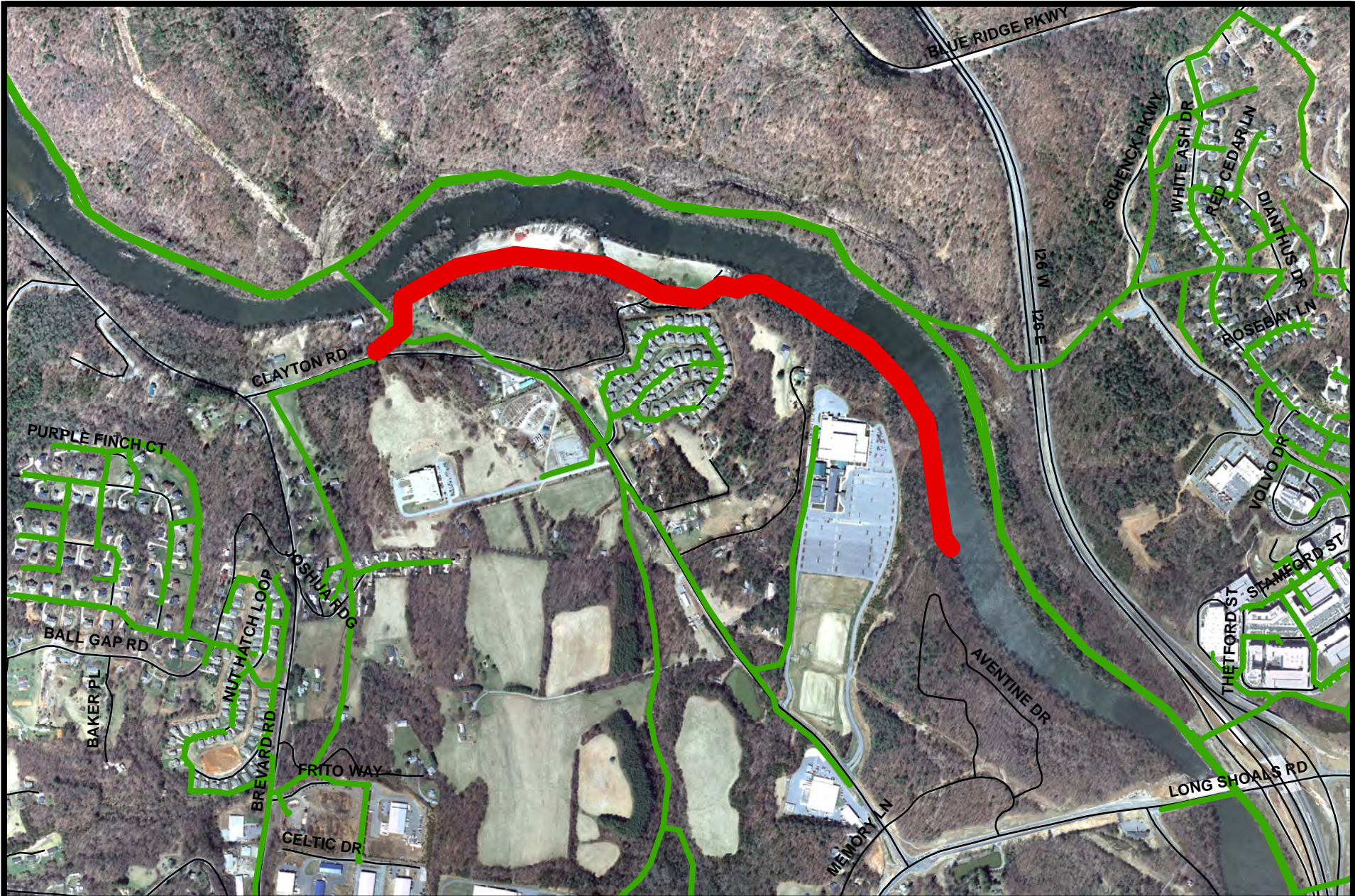
The construction cost of this interceptor was \$1,468,582.96. MSD required that this system be sized for future growth within this drainage basin; therefore, Biltmore Farms, LLC is eligible for cost reimbursement. The agreement for this reimbursement was approved by the Board at its regular meeting on July 20, 2011 for the amount of \$225,138.49.

Biltmore shortened the scope of their original project somewhat. After all construction was complete and all changes accounted for, the final reimbursement amount due to Biltmore is \$173,222.00.

All MSD requirements have been met for acceptance by the Board.

FISCAL IMPACT: The reimbursement amount to Biltmore Farms, LLC in the amount of \$173,222.00.

STAFF RECOMMENDATION: Acceptance of this developer constructed sewer system and authorization for the General Manager to disperse \$173,222.00 to Biltmore Farms, LLC for their associated cost reimbursement.



**West French Broad Master Plan Interceptor
Project No. 2011025**

NOT TO SCALE



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Budget Map

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: July 16, 2014

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, 2014

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, 2014 were \$56,358,585. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.623%. 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, 2014 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of May 31, 2014 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$36,938,932.

Total Cash & Investments as of 05/31/2014		56,358,585
Less:		
Budgeted Commitments (Required to pay remaining FY14 budgeted expenditures from unrestricted cash)		
Construction Funds	(5,938,596)	
Operations & Maintenance Fund	<u>(2,260,507)</u>	
		(8,199,103)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(94,693)	
Remaining Principal & Interest Due	<u>(6,390,351)</u>	
		(6,485,044)
District Reserve Funds		
Fleet Replacement	(345,770)	
WWTP Replacement	(484,612)	
Maintenance Reserve	<u>(913,168)</u>	
		(1,743,550)
District Insurance Funds		
General Liability	(441,781)	
Worker's Compensation	(382,137)	
Post-Retirement Benefit	(1,281,473)	
Self-Funded Employee Medical	<u>(886,565)</u>	
		(2,991,956)
Designated for Capital Outlay		<u><u>36,938,932</u></u>

Note:

FY15 Operational and Capital budget of 49.2 million w approved by the District's Board on June 11, 2014.

Staff Recommendation

None. Information Only.

Action Taken

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

Metropolitan Sewerage District of Buncombe County Investment Portfolio

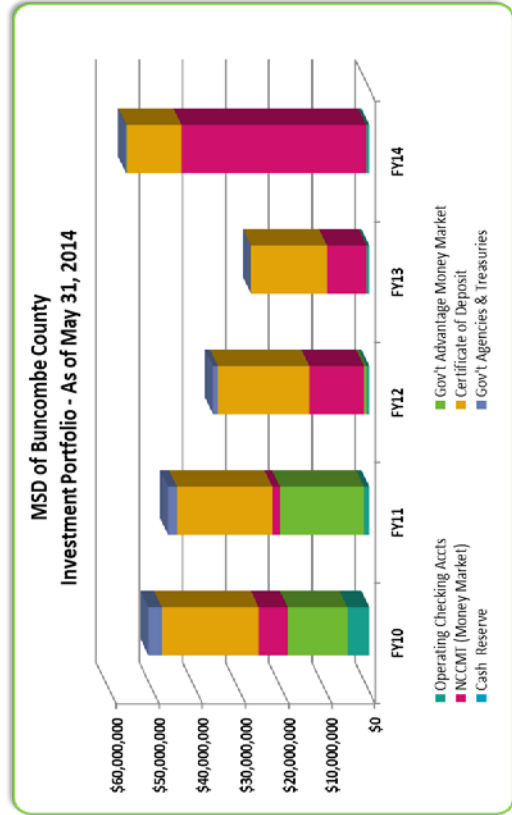
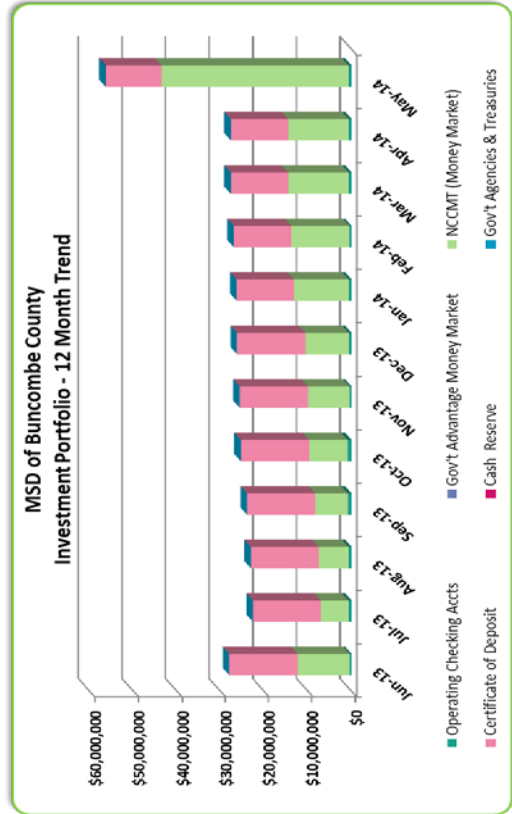
Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 4,143	\$ -	\$ -	\$ 94,693
Held by MSD	\$ 662,126	\$ 46,659	\$ 42,798,016	\$ -	\$ -	\$ 56,263,892
Total	\$ 662,126	\$ 46,659	\$ 42,802,159	\$ 90,550	\$ -	\$ 56,358,585

Investment Policy/Asset Allocation	Maximum Percent	Actual Percent
U.S. Government Treasuries, Agencies and Instrumentalities	100%	0.16%
Bankers' Acceptances	20%	0.00%
Certificates of Deposit	100%	22.64%
North Carolina Capital Management Trust	100%	75.95%
Checking Accounts:		
Operating Checking Accounts	100%	1.17%
Gov't Advantage Money Market		0.08%

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

The District's YTM of .27% 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.



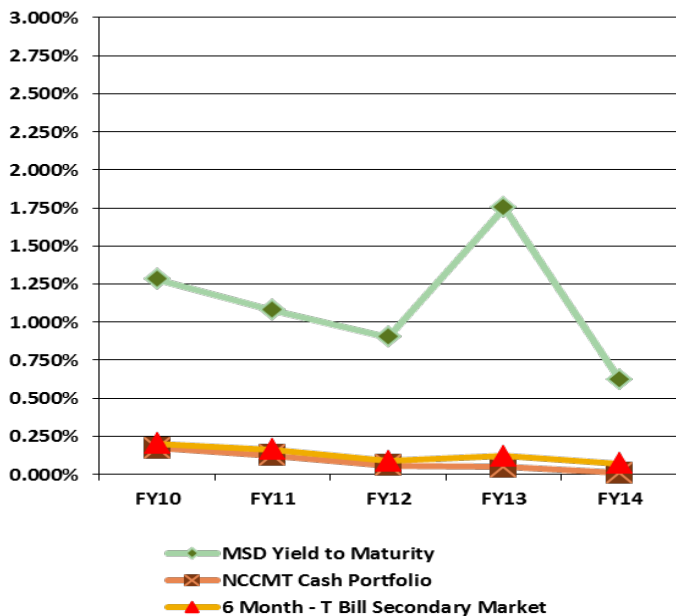
**METROPOLITAN SEWERAGE DISTRICT
INVESTMENT MANAGERS' REPORT
At May 31, 2014**

	Original		Interest Receivable
	Cost	Market	
Beginning Balance	\$ 26,243,631	\$ 26,243,631	\$ 396,029
Capital Contributed (Withdrawn)	27,787,441	27,787,441	
Realized Income	16,283	16,283	(15,098)
Unrealized/Accrued Income		-	11,007
Ending Balance	<u>\$ 54,047,355</u>	<u>\$ 54,047,355</u>	<u>\$ 391,938</u>

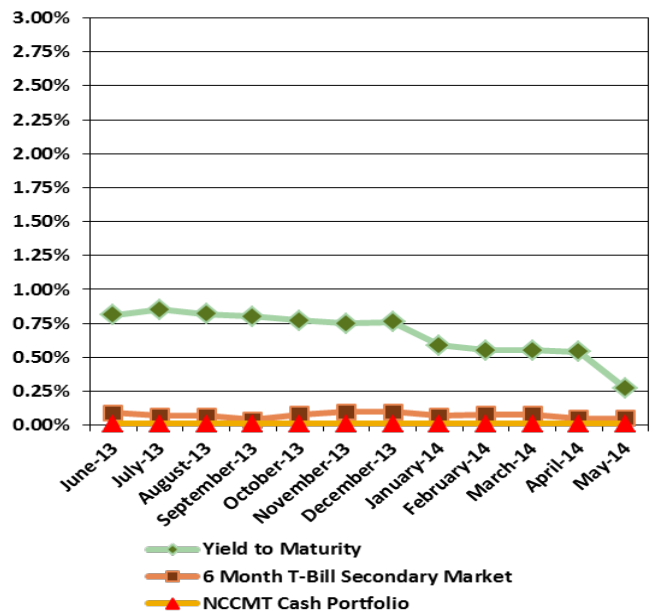
	Original Cost	Income
Cash Equivalents <91 Days	\$ 41,290,264	\$ 9,314
Securities/CD's 91 to 365 Days	12,757,091	2,878
Securities/CD's > 1 Year	-	-
	<u>\$ 54,047,355</u>	<u>\$ 12,192</u>

<u>Month End Portfolio Information</u>	
Weighted Average Maturity	91
Yield to Maturity	0.27%
6 Month T-Bill Secondary Market	0.05%
NCCMT Cash Portfolio	0.01%

**Metropolitan Sewerage District
Annual Yield Comparison**



**Metropolitan Sewerage District
Yield Comparison - May 31, 2014**



Board Meeting:

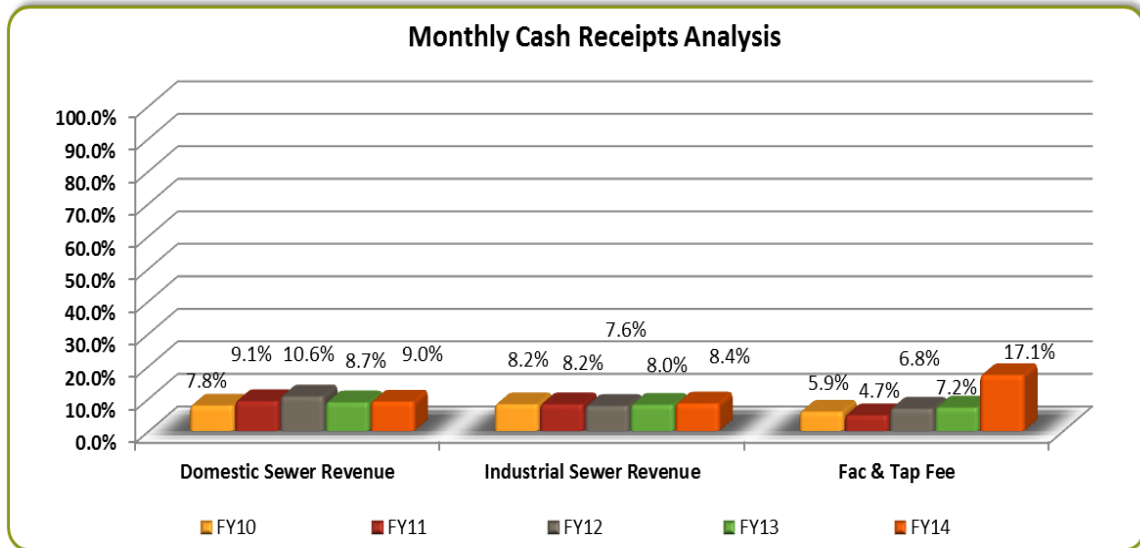
July 16, 2014

Subject:

Cash Commitment/Investment Report-Month Ended May 31, 2014

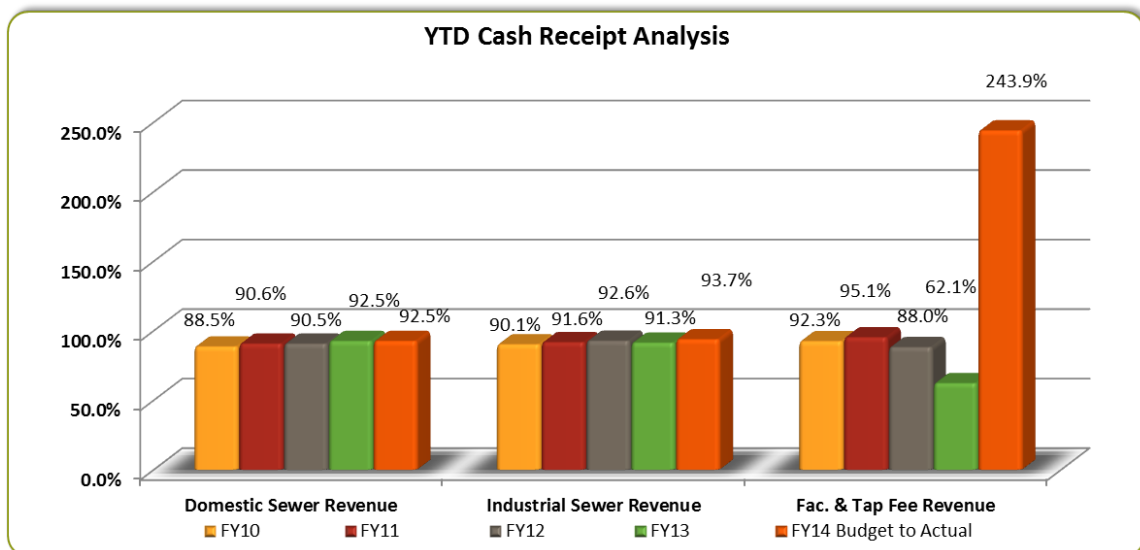
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**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF CASH RECEIPTS
As of May 31, 2014**



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 trending below budgeted expectations.
- 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 trending below budgeted expectations.
- Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

Board Meeting:

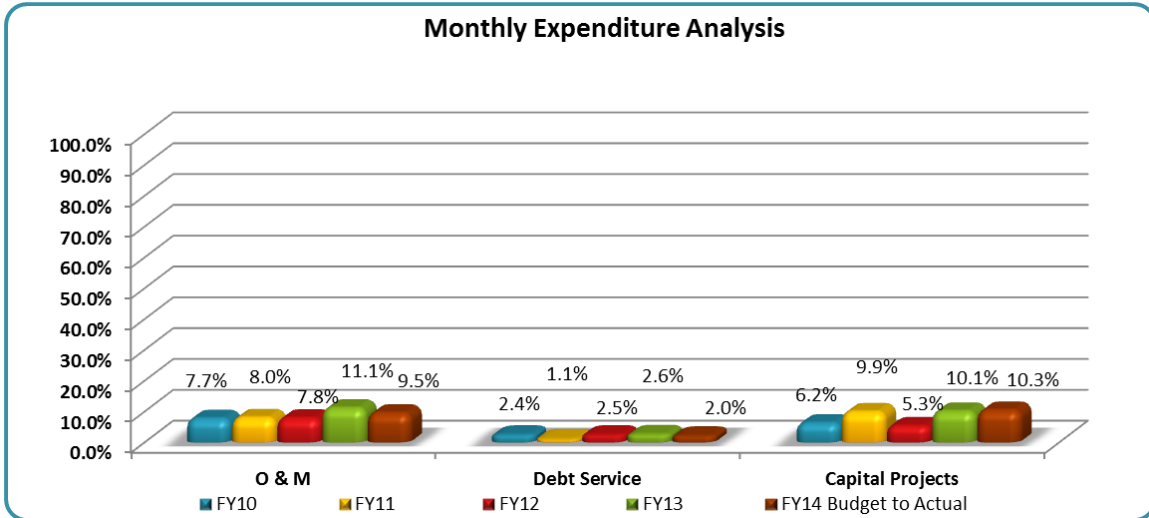
July 16, 2014

Subject:

Cash Commitment/Investment Report-Month Ended May 31, 2014

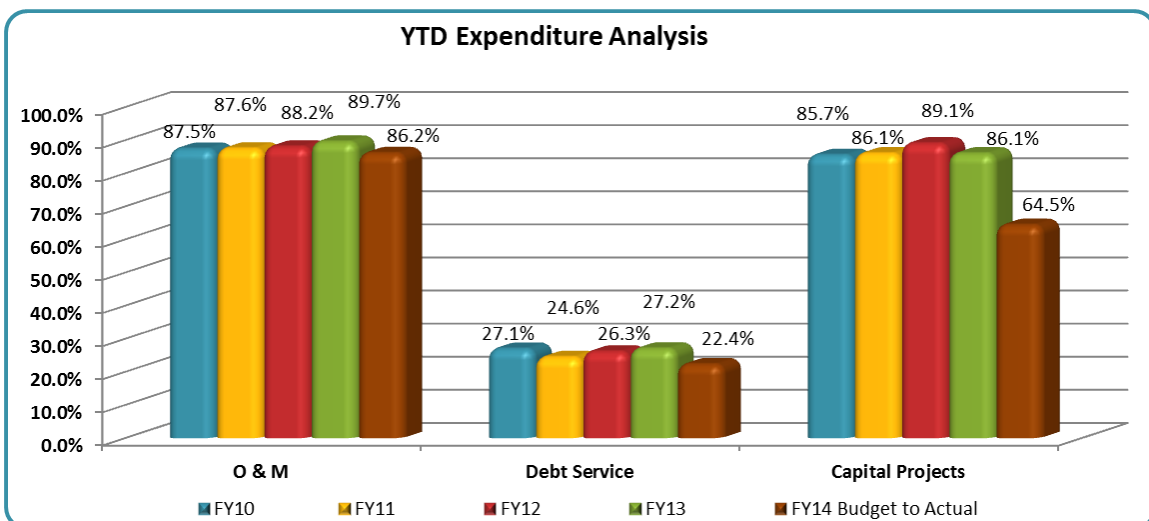
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**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF EXPENDITURES
As of May 31, 2014**



Monthly Expenditure Analysis:

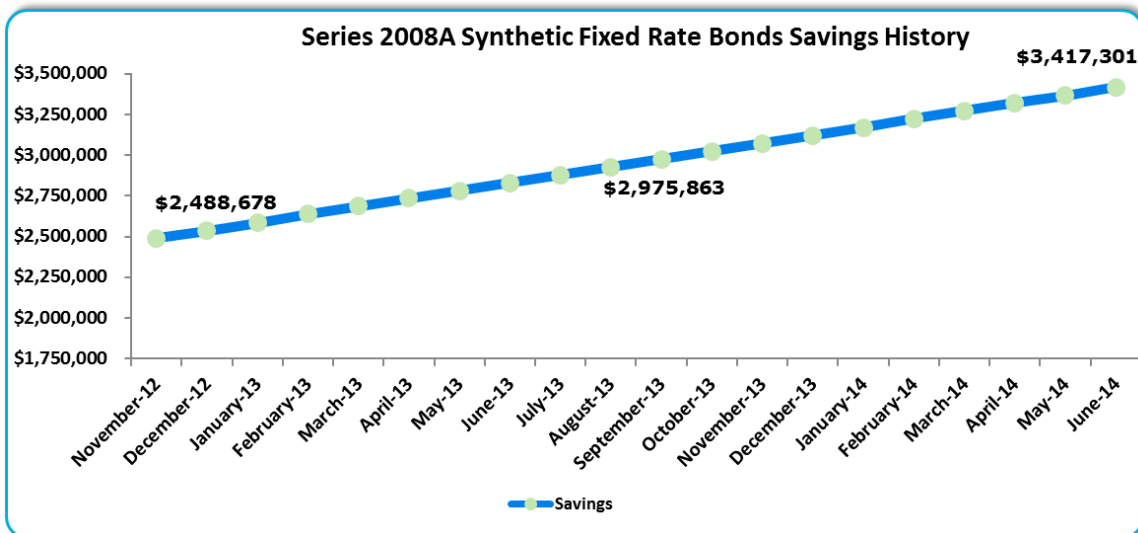
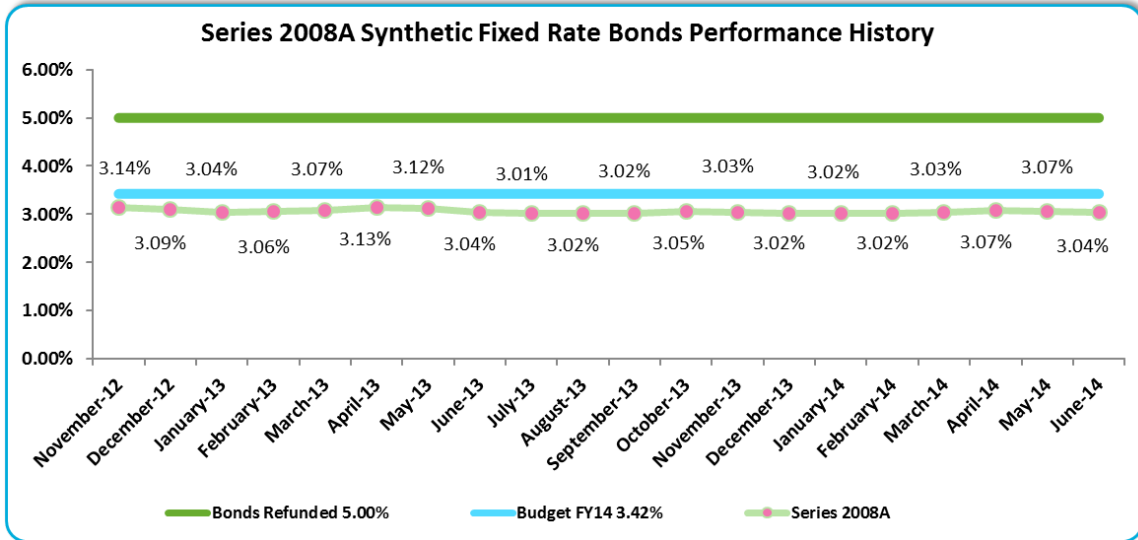
- ◆ Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- ◆ Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures 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, 2014**



Series 2008A:

- ✿ Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$3,417,301 as compared to 4/1 fixed rate of 4.85%.
- ✿ Assuming that the rate on the Series 2008A Bonds continues at the current all-in rate of 4.0475%, MSD will achieve cash savings of \$4,730,000 over the life of the bonds.
- ✿ MSD would pay \$4,322,000 to terminate the existing Bank of America Swap Agreement.

STATUS REPORTS

**MSD System Services In-House Construction
FY 13-14 Projects**

PROJECT NAME	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	Notes
Craven Street Improvements (P/N 2013071)	300	7/1/13-8/30/13	434914	667	8/14/2013	306	complete
90 Asheland Ave - Pipe Ream/Burst	118	8/29/2013	456371	631	8/29/2013	118	complete
Melody Lane	220	8/15/13 - 9/13/13	433549	667	8/30/2013	560	complete
Melody Lane Addition	25	9/10/2013	450458	667	9/10/2013	28	complete
41 Walnut Lane (Woodfin)	1260	5/27/13 - 8/30/13	441589	631	9/27/2013	1189	complete
View Street at Montreat Road (P/N 2013051)	461	10/8/13-10/31/13	400926	667	10/7/2013	463	complete
Elk Mtn Scenic Hwy @ Edgedale* (P/N 2010101)	785	10/7/13-11/7/13	456298/450460	667	10/23/2013	638	complete
Roberts Street at Haywood Rd* (P/N 20100980)	200	10/16/13 - 11/16/13	470501	631	10/22/2013	210	complete
Gay Street (P/N 2013077)	327	10/7/13 - 11/4/13	433544	631	11/6/2013	335	complete
Memorial Park Drive	963	10/24/13 - 12/1/13	433530	667	11/22/2013	1004	complete
Daniel Road Phase II (14)	568	11/4/13 - 12/1/13	456760	631	12/3/2013	574	complete
Memorial Park Drive Phase 2	480	11/25/13 - 12/5/13	456768	667	12/20/2013	453	complete
Central Avenue Sanitary Sewer Replacement*	675	12/3/13 - 1/1/14	448995	631	1/2/2014	692	complete
Sweeten Creek Industrial Park Replacement	45	1/14/14 - 1/15/14	470611/457019	632	1/15/2014	50	complete
Buckner Road	600	12/23/13 - 2/3/14	400919	667	1/31/2013	990	complete
Livinston - AB Tech	529	1/2/14 - 2/3/14	456309	631	1/28/2014	561	complete
Dew Waite Dr	500	2/4/14 - 2/28/14	470610	667	2/28/2014	620	complete
Rash Road* (P/N 2010095)	550	2/4/14 - 2/28/14	456302	631	3/19/2014	566	complete
1245 Tunnel Road	75	3/21/14 - 3/25/14	212631	632	3/25/2014	70	complete
Broadview Drive	265	3/17/14 - 3/25/14	456312	631	3/26/2014	276	complete
101 E. Skyview Circle	260	3/27/2014 - 3/31/14	456310	631	3/31/2014	268	complete
Ridgeway Dr. (MSD P/N 2012136)	595	3/10/14 - 4/8/14	456296	667	3/31/2014	645	complete
382 Lakeshore Drive	240	4/1/2014 - 4/2/14	456311	631	4/3/2014	248	complete
Lower Grovestone Quarry	1700	4/3/14 - 5/3/14	213445	631	4/16/2014	1467	complete
Middle Grovestone Quarry (842 Old US 70 Hwy)	348	4/17/14 - 5/1/14	456316	631	4/22/2014	754	complete
Upper Grovestone Quarry	1000	4/23/14 - 5/2/14	213459	631	5/2/2014	955	complete
80 Lake Eden Rd	100	5/19/2014	214905	631	5/19/2014	102	complete
Lake Eden Road @ Tennoca Drive (At Quarry)	1750	5/5/14 - 6/5/14	214388	631	5/29/2014	1898	complete
Valle Vista Drive	1700	4/9/14 - 6/5/14	470605	667	6/2/2014	1635	complete
Weaverville #1 Force Main at #2 Pump Station	130	6/6/14 - 6/8/14	215394	631	6/8/2014	130	complete
31 Treemont	110	6/9/14 - 6/18/14	213776	667	6/18/2014	110	complete
Westwood Road Phase 1	66	6/6/14 - 7/10/14	433546	667	6/24/2014	66	complete
4 Buena Vista Road	25	6/24/2014	215254	632	6/24/2014	25	complete
Weaverville PS #2 Discharge Improvements	15	6/19/14 - 6/23/14	456325	631	6/23/2014	15	complete



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2013 to 5/31/2014

	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 2013	36	16	108	628	40	23	2,264	0	0	0	0	0	0
August 2013	49	7	207	659	38	24	0	0	259	882	10	118	1259
September 2013	32	16	356	468	22	8	7,426	197	116	1217	11	0	1530
October 2013	28	22	406	921	42	35	17,950	288	375	1053	10	258	1974
November 2013	32	7	84	569	26	4	0	0	0	1192	12	147	1339
December 2013	40	5	131	676	32	17	500	0	0	1035	8	0	1035
January 2014	33	6	81	512	19	15	750	0	150	1801	18	492	2443
February 2014	42	11	104	783	41	7	1,161	0	92	620	5	0	712
March 2014	33	18	257	680	27	12	300	0	0	1281	15	544	1825
April 2014	25	14	147	1,044	11	35	754	0	441	2221	11	248	2910
May 2014	50	10	432	766	36	23	2,810	0	60	963	12	2,000	3023
Grand Totals	400	132	2,313	7,705	334	203	33,915	485	1493	12265	112	3,807	18050

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2013 to May 31, 2014

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2013							
July	81,515	2,058	5,143	86,658	33,284	2,080	12,186
August	60,003	1,509	5,763	65,741	37,005	35,663	12,680
September	56,833	1,230	6,981	63,739	32,358	18,324	20,686
October	58,691	3,187	4,418	63,104	33,888	22,886	26,287
November	28,280	1,891	6,184	34,464	26,252	500	6,992
December	45,483	3,133	4,389	49,837	30,863	4,286	10,919
2014							
January	53,575	2,602	4,387	57,892	23,412	250	2,885
February	49,058	3,480	5,587	54,595	23,475	650	6,255
March	73,305	2,747	8,416	81,530	25,932	65	11,032
April	90,269	2,881	8,672	98,941	37,773	650	10,803
May	51,486	1,878	6,027	57,393	34,700	2,667	2,535
Grand Total:	648,498	26,596	65,967	713,894	338,941	88,021	123,260
Avg Per Month:	58,954	2,418	5,997	64,899	30,813	8,002	11,205



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2013	156	39	40
	August, 2013	111	30	39
	September, 2013	79	28	37
	October, 2013	113	29	39
	November, 2013	72	27	40
	December, 2013	88	28	50
	January, 2014	110	30	38
	February, 2014	101	31	45
	March, 2014	117	26	40
	April, 2014	122	28	43
	May, 2014	134	31	37
		1,203	30	41
NIGHT 1ST RESPONDER				
	July, 2013	46	38	33
	August, 2013	34	35	31
	September, 2013	18	26	24
	October, 2013	33	26	33
	November, 2013	31	27	34
	December, 2013	23	33	38
	January, 2014	36	26	20
	February, 2014	19	23	35
	March, 2014	37	30	25
	April, 2014	18	21	25
	May, 2014	18	37	50
		313	30	31
ON-CALL CREW *				
	July, 2013	79	52	35
	August, 2013	42	62	48
	September, 2013	30	49	43
	October, 2013	35	48	53

* On-Call Crew Hours: 10:30pm-7:30am Monday-Friday, Weekends, and Holidays



CUSTOMER SERVICE REQUESTS Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
ON-CALL CREW *				
	November, 2013	35	36	47
	December, 2013	71	36	56
	January, 2014	67	62	41
	February, 2014	65	54	44
	March, 2014	52	50	37
	April, 2014	68	54	39
	May, 2014	47	45	48
		591	50	44
Grand Totals:		2,107	36	40

* On-Call Crew Hours: 10:30pm-7:30am Monday-Friday, Weekends, and Holidays

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

July 8, 2014

PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
BROADVIEW AVENUE	TBD	TBD	TBD	TBD	TBD	0%	Project was bid on June 26th. Buckeye Bridge LLC is the apparent low bidder. Project will be presented at the July Board meeting.
EAST STATE STREET @ WEST STREET	Davis Grading, Inc.	6/11/2014	7/14/2014	10/12/2014	\$403,640.00	0%	Project was awarded to Davis Grading, Inc. Preconstruction meeting is scheduled for July 9th.
FOREST RIDGE ROAD	Dillard Excavating Company	2/19/2014	3/10/2014	7/30/2014	\$588,115.00	93%	Mainline construction is complete. Contractor working on surface restoration and roadway resurfacing.
INDIANA AVENUE	Moorhead Construction	3/19/2014	4/1/2014	7/30/2014	\$413,313.20	85%	Two runs of pipe remain; project will then be ready for prefinal inspection.
MACON AVENUE @ SUNSET PARKWAY	Terry Brothers	1/15/2014	3/1/2014	7/30/2014	\$757,688.00	85%	Open dig portion of project near completion. Two runs of pipebursting remain.
MERRIMON AVENUE @ STRATFORD ROAD	Terry Brothers	9/18/2013	12/16/2013	8/31/2014	\$885,849.00	75%	Bore under Elkwood Avenue is on hold pending additional approval from NCDOT. Approximately 1000 feet of 30 inch pipe remain to complete the project.
MOUNT VERNON PLACE, PHASE 2	Terry Brothers	6/11/2014	7/14/2014	11/11/2014	\$542,675.00	0%	Project was awarded to Terry Brothers Construction Company. Preconstruction meeting was held on July 1st.
OLD US 70 @ GROVEMONT AVENUE	Buckeye Construction	10/16/2013	11/18/2013	7/30/2014	\$729,740.90	95%	All mainline construction is complete.
SYCAMORE TERRACE (PRP 34012)	Terry Brothers	1/15/2014	2/20/2014	7/14/2014	\$638,350.00	95%	Prefinal scheduled for this week
WRF - ELECTRICAL IMPROVEMENTS	Haynes Electric	8/15/2012	9/10/2012	7/1/2014	\$1,061,900.00	99%	Awaiting final paperwork, As-Built drawings and O&M manuals.
WRF - SLIDE GATE REPLACEMENT	NHM Constructors	9/18/2013	10/7/2013	7/15/2014	\$288,924.00	90%	29 of the proposed 31 gates are complete, tested, and in operation. The remaining two are being re-manufactured to accommodate site conditions, which could not have been anticipated.

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

Planning & Development Project Status Report

July 16, 2014

Project Name	Project Number	Work Location	Units	LF	Pre-Construction Conference Date	Comments
N. Bear Creek Road Subdivision	2005137	Asheville	20	127	7/11/2006	Complete - Waiting on final documents
Rock Hill Road Subdivision	2005153	Asheville	2	277	8/7/2006	Complete - Waiting on final documents
Black Mtn Annex: Avena Rd.	1999026	Black Mtn.	24	4,300	8/19/2010	Complete - Waiting on final documents
Black Mtn Annex: McCoy Cove	1992174	Black Mtn.	24	2,067	8/19/2010	Complete - Waiting on final documents
Black Mtn Annex: Blue Ridge Rd.	1992171	Black Mtn.	24	2,560	8/19/2010	Complete-Waiting on final documents
Haywood Village	2007172	Asheville	55	749	7/15/2008	New owner developer - will resume soon
Momentum Health Adventure	2008097	Asheville	Comm.	184	8/19/2009	New ownership - project currently inactive
North Point Baptist Church	2008105	Weaverville	Comm.	723	5/20/2009	Complete - Waiting on final documents
AVL Technologies	2010018	Woodfin	Comm.	133	5/21/2010	Complete-Waiting on final documents
UNC-A New Residence Hall	2011047	Asheville	304	404	8/29/2011	Complete-Waiting on final documents
Cottonwood Townhomes	2009110	Black Mtn.	8	580	10/20/2009	Complete-Waiting on final documents
Goldmont St	2012087	Black Mtn.	6	91	1/11/2013	Complete-Waiting on final documents
Ramble at Parkway	2013100	Biltmore Forest	TBD	335	7/26/2013	Complete-Waiting on final documents
Carolina Truck and Body (Cooper)	2012075	Asheville	Comm.	298	10/30/2012	Complete-Waiting on final documents
Sardis Road (COA) Annexation	2009037	Asheville	N/A	6,981	4/2/2012	Complete-Waiting on revised ROW items
Ardmion Park	2011107	Asheville	5	208	4/16/2013	Complete-Waiting on final documents
Central Ave	2012065	Asheville	6	305	9/26/2013	Complete - Waiting on final documents
Asheville Market (Relocation)	2012139	Asheville	Comm.	280	9/18/2013	Complete - Waiting on final documents
Westover Relocation	2013132	Asheville	1	87	11/20/2013	Complete - Waiting on final documents
Brookgreen Phase 1D-Kenai Dr.	2013076	Woodfin	3	370	3/14/2014	Complete - Waiting on final documents
Hamburg Mountain Phase 3	2004086	Weaverville	13	844	11/10/2005	Complete - Waiting on final documents
Pinebrook Farms Relocation	2013148	Weaverville	N/A	178	12/19/2013	Complete - Waiting on final documents
Village at Bradley Branch - Ph. III	2008076	Asheville	44	783	8/8/2008	Complete - Waiting on final documents
Waynesville Ave (Pittman)	2013046	Asheville	15	332	5/23/2013	Complete-Waiting on final documents
Eagle's Landing	2010015	Asheville	25	472	10/22/2013	Complete-Waiting on final documents
Ridgefield Business Park	2004188	Asheville	18	758	2/16/2005	Complete-Waiting on final documents

Planning & Development Project Status Report

July 16, 2014

Project Name	Project Number	Work Location	Units	LF	Pre-Construction Conference Date	Comments
The Settings (6 Acre Outparcel)	2004192	Black Mountain	21	623	3/15/2006	Ready for final inspection
Waightstill Mountain PH-8	2006277	Arden	66	3,387	7/26/2007	testing / in foreclosure
Scenic View	2006194	Asheville	48	534	11/15/2006	Ready for final inspection
Ingles	2007214	Black Mtn.	Comm.	594	3/4/2008	Ready for final inspection
Bartram's Walk	2007065	Asheville	100	10,077	7/28/2008	Punchlist pending - in bankruptcy
Morgan Property	2008007	Candler	10	1,721	8/11/2008	Pre-con held, ready for construction
Canoe Landing	2007137	Woodfin	4	303	5/12/2008	Ready for construction
Central Valley	2006166	Black Mtn	12	472	8/8/2007	Punchlist pending
CVS-Acton Circle	2005163	Asheville	4	557	5/3/2006	Ready for final inspection
Bostic Place Sewer Relocation	2005102	Asheville	3	88	8/25/2005	Ready for final inspection
Kyfields	2003100	Weaverville	35	1,118	5/10/2004	Ready for final inspection
Reems Creek Cottages	2013066	Weaverville	17	483	11/15/2013	Under Construction
Avalon	2013114	Asheville	192	1,343	6/2/2014	Pre-con held, ready for construction
Thoms Estate 3B & 4	2013052	Asheville	35	4,690	7/26/2013	Installing/Testing (75% Complete)
Carmel Ridge Apartments	2013018	Leicester	80	1,162	10/11/2013	Under Construction
Palisades Apartments	2013024	Asheville	224	1,423	9/4/2013	Ready for testing
Crest Mountain Phase 3B	2013041	Woodfin	69	1,329	10/15/2013	Under Construction
Ingles - Smokey Park Highway	2013135	Asheville	Comm.	1,289	4/11/2014	Under Construction
The Aventine	2011015	Biltmore Forest	300	3,238	10/14/2013	Under constr./some air testing complete
Echo Hills Cottages	2013121	Asheville	11	532	4/30/2014	Pre-con held, ready for construction
Ansley at Roberts Lake	2013126	Buncombe Co.	296	2,534	6/2/2014	Pre-con held, ready for construction
STF Precision	2013084	Buncombe Co.	Comm.	199	5/29/2014	Pre-con held, ready for construction
Hunt Hill Apartments	2013111	Asheville	180	1,729	3/5/2014	Pre-con held, ready for construction
Hyde Park	2013058	Arden	65	3,062	12/3/2013	Pre-con held, ready for construction
Ramble Block "D"	2013074	Biltmore Forest	36	4,783	12/11/2013	Under Construction
Upper Kentucky Improvements	2013085	Montreat	N/A	284	12/3/2013	Under Construction
Isaac Dickson School Relocation	2013033	Asheville	School	504	1/13/2014	Under Construction
A.B. Tech Fernihurst Relocation	2014061	Asheville	School	697	4/8/2014	Under Construction
Locust Springs	2012107	Black Mountain	18	621	3/14/2014	Pre-con held, ready for construction
Telco - Weaverville	2014046	Weaverville	Comm.	110	5/12/2014	Pre-con held, ready for construction
Haywood Village	2014064	Asheville	Mixed	276	6/19/2014	Pre-con held, ready for construction
Quail Hollow Ph. 2	2013062	Arden	15	1,302	6/11/2014	Pre-con held, ready for construction
Cottages at Glen Oak	2013142	Avery Creek	45	1,569	4/9/2014	Pre-con held, ready for construction
Biltmore Lake Block "J2"	2013128	Biltmore Forest	14	1,541	2/4/2014	Pre-con held, ready for construction

Planning & Development Project Status Report

July 16, 2014

Project Name	Project Number	Work Location	Units	LF	Pre-Construction Conference Date	Comments
TOTAL			2,497	78,600		