

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

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 6/11/14

✓	Agenda Item	Presenter	Time	
	Call to Order and Roll Call	VeHaun	2:00	
	01. Inquiry as to Conflict of Interest	VeHaun	2:05	
	02. Approval of Minutes of the May 21, 2014 Board Meeting.	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda	VeHaun	2:15	
	04. Informal Discussion and Public Comment.	VeHaun	2:20	
	05. Report of General Manager	Hartye	2:30	
	06. Consolidated Motion Agenda		2:45	
	a. Consideration of Bids for Sanitary Sewer Rehabilitation Project – East State Street at West Street.	Hartye		
	b. Consideration of Bids for Sanitary Sewer Rehabilitation Project – Mt. Vernon Place Phase II	Hartye		
	c. Consideration of Bids – Sodium Hypochlorite Contract.	Hartye		
	d. Consideration of Bids – Sodium Bisulfite Contract.	Hartye		
	e. Consideration of MSD FY15 Non-City of Asheville Road ROW Paving Restoration Contract.	Hartye		
	f. Report on MSD Paving Agreement with the City of Asheville.	Hartye		
	g. Consideration of Developer Constructed Sewer Systems: Biltmore Lake Block “J”; Camp Dorothy Walls and Willow Creek Phase 3.	Hartye		
	h. Cash Commitment/Investment Report – Month Ended April 30, 2014.	Powell		
	07. Public Hearing: Consideration of Resolution Adopting the Final Budget for FY2014-2015 and Schedule of Sewer Rates and Fees.	VeHaun	3:00	
	08. Old Business:	VeHaun	3:30	
	09. New Business	VeHaun	3:35	
	10. Adjournment (Next Meeting 7/16/2014)	VeHaun	3:40	
	STATUS REPORTS			

**BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
MAY 21, 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, May 21, 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., Patty Beaver with CIBO, and MSD staff, Ed Bradford, Scott Powell, Peter Weed, Ken Stines, Mike Stamey, Matthew Walter, Jim Hemphill and Sondra Honeycutt.

2. Inquiry as to Conflict of Interest:

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

3. Approval of Minutes of the April 16, 2014 Board Meeting:

Mr. VeHaun asked if there were any changes to the Minutes of the April 16, 2014 Board Meeting. With no changes, Ms. Frost moved for approval of the minutes as presented. Mr. Russell 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 Ms. Beaver with CIBO. There was no public comment.

6. Report of General Manager:

Mr. Hartye reported the Preliminary Budget for Fiscal Year 2015 will be presented at today's meeting. The Final Budget will be presented to the Board and a Public Hearing will be held on June 11th. With regard to the Budget, the Personnel, CIP and Finance Committees met prior to this meeting and will make individual recommendations to the Board. He further reported that under New Business the Board will go into closed session to discuss a legal right of way acquisition matter.

Mr. Hartye expressed his appreciation to Lisa Tolley and Kay Farlow for hosting an MSD booth at the 5th annual Home & Garden Expo at the WNC Ag Center on April 26 & 27. This event was sponsored by the Asheville Home Builders Association. He stated this was a great opportunity for public education with lots of positive comments. Everyone loved the new pot scrapers and thought that was a wonderful idea.

Mr. Hartye expressed his appreciation to Sandra Moore for heading up the annual MSD cleanup of the river banks along the French Broad River in conjunction with Riverlink, which yielded 18 contractor bags full of trash and cans.

Mr. Hartye reported that Merie Love of 195 Governors View Road called to say everyone that came out to her home regarding her sewer stoppage was wonderful. She said everyone was so nice and polite and did a wonderful job and couldn't believe the problem was fixed that quick, and wanted MSD to know they have some great guys working for them. He expressed his appreciation to Grady Brooks, Shaun Buckner, Ray Lunsford, Alan Knighten, Pete Cole, Roy Lytle, Billy Cantrell, Robert Denny, Mitch Metcalf and Johnny Mull. He further reported a call was received on April 17th from Don

Nicholson of 126 South Main St. in Weaverville who expressed appreciation for the work and customer service provided by Roy Lytle and Crew (Tommy Brooks, Robert Denny, and Johnny Mull).

Mr. Hartye reported the May Right of Way Committee Meeting has been cancelled. The next meeting will be held at 9 a.m. on June 25th. The next regular Board Meeting and Public Hearing will be held on June 11th at 2 p.m.

7. Report of Committees:

Personnel Committee:

In the absence of Mr. Stanley, Mr. Hartye reported the Personnel Committee met April 29, 2014. Ms. Thomas reviewed several areas of activity within the Human Resource Department and Mr. Hemphill presented staff recommendations regarding the Self Insured Health Plan and Pay Adjustment. The Committee moved the Board approve a 2.5% pay adjustment for all employees and no increase or changes to the medical insurance contributions. With no questions or comments, Mr. VeHaun called for a motion to approve the Personnel Committee recommendation. Ms. Manheimer moved. Mr. Pelly seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

CIP Committee:

Mr. Watts reported the CIP Committee met May 1, 2014. Mr. Bradford gave a power point presentation on the highlights of the current and proposed Capital Improvement Program (CIP) as well as the CIP priorities and review of the Ten-Year CIP document. The Committee recommends endorsement of the CIP Budget for FY 14-15 in the total amount of \$22,760,555. With no questions or comments, Mr. VeHaun called for a motion to approve the CIP Committee recommendation. Ms. Frost moved. Mr. Watts seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

Finance Committee:

Mr. Kelly reported the Finance Committee met May 14, 2014 to consider the Preliminary Budget for FY 2014-2015 and Schedule of Sewer Rates and Fees. Mr. Powell reported the Committee proposed a 2.5% domestic rate increase; continuation of the Industrial Rate Parity Plan, which is in year 15 of 20 and has an average impact on industrial users of 4%. He further reported the Budget in total is \$49,173,451 and includes \$22.8 million CIP Budget, a \$15.3 million O&M Budget with recommendations from the Personnel Committee, a Capital Equipment Replacement Budget of \$0.6 million, and Debt Service payments of \$10.4 million. The Committee recommends approval of the Resolution adopting the Preliminary Budget for FY 2014-2015 as well as the Proposed Schedule of Fees and Charges – FY2015. With no questions or comments, Mr. VeHaun called for a motion to approve the Finance Committee recommendations. Mr. Root moved. Mr. Watts seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

8. Consolidated Motion Agenda:

a. Consideration of Developer Constructed Sewer Systems: Bradley Street; Bradley Street Phase II and Onteora Oaks:

Mr. Hartye reported the Bradley Street Project is located inside the District boundary at the intersection of State Street and Bradley Street in the City of Asheville. The project included extending approximately 169 linear feet of 8-inch public gravity sewer to serve a three (3) unit residential development.

Mr. Hartye reported the Bradley Street Phase II Sewer Extension Project is

located inside the District boundary along Bradley Street in the City of Asheville. The project included extending approximately 225 linear feet of 8-inch public gravity sewer to serve the eight (8) unit residential development.

Mr. Hartye reported the Onteora Oaks Sewer Extension Project is located inside the District boundary off Onteora Boulevard in the City of Asheville. The project included extending approximately 1,226 linear feet of 8-inch public gravity sewer to serve the twenty-eight (28) unit residential development.

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

b. Cash Commitment/Investment Report – Month Ended March 31, 2014:

Mr. Powell reported Page 25 presents the makeup of the District's Investment Portfolio. There has been no change in the makeup of the portfolio from the prior month and all items meet statutory regulations and well as the District's investment policy. Page 26 is the MSD Investment Manager report as of the month of March. The weighted average maturity of the investment portfolio is 209 days. The yield to maturity is 0.55% and exceeds MSD's bench marks of the 6 month T-Bill and NCCMT cash portfolio. Page 27 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 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 28 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 nature and timing of capital projects, YTD expenditures can vary from month to month. Based on the current outstanding capital projects, YTD capital project expenditures are considered reasonable. Page 29 is the MSD Variable Debt Service report. The 2008A Series Revenue Refunding Bonds are performing better than budgeted expectations. As of the end of April, both issues have saved District rate payers \$3.3 million dollars in debt service since April, 2008.

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

9. Consideration of Resolution Adopting the Preliminary Budget for FY 2014-2015 and Schedule of Sewer Rates & Fees:

Mr. Powell reported on Page 30 are the Finance Committee recommendations for approval of the proposed FY2014-2015 Budget and Resolution as well as the proposed Schedule of Fees and Charges for FY2015. Page 31 is a graphical representation of the budget resolution (Flow of Funds Chart). Page 32 is the Resolution adopting the Preliminary Budget & Sewer Use Charges for FY2014-2015, and Page 36 is the proposed Schedule of Rates & Fees – FY2015. Mr. Belcher asked Mr. Powell to go over the Flow of Funds Chart. Mr. Powell went over the details of the Chart and called for further questions. With regard to the Industrial Parity Plan, Mr. Pelly asked what the term "inside/outside" means. Mr. Powell stated MSD has individuals it serves that are outside the District boundary. Mr. Clarke stated the District's boundaries were established when the District was first created. The District's boundary is extended automatically when a city within the District extends its boundaries. Otherwise, extending the District's boundaries is difficult. As a result, the District treats wastewater from a number of locations outside the District. These customers are charged a slight differential rate. Mr. Powell added the difference is only one-cent per CCF which is de minimis.

Mr. Powell reported behind the Introduction tab (Page 44) is the District's Budget message. Included in the message is:

Current Year Highlights – domestic and industrial revenue are expected to meet budgeted projections.

Operating Budget - outlining the proposed \$15.4 million operations and maintenance budget and proposed changes for the upcoming year.

Capital Improvement Program - outlining the proposed \$22.8 million construction budgets as well as the outstanding debt and debt service.

Sewer Rate Increase - outlining the past five years domestic rate increases and the proposed FY15 domestic rate increase of 2.5%.

Mr. Powell reported Page 53 begins the Budget Policies & Process section. This section is a description of the budget process including the Statutory and Bond Order requirements, budget administration, and if need budget amendments. Page 56 briefly describes the forecasting methodology and includes the current business plan which outlines the current year proposed budget as well as estimates of needs for the next nine years.

Mr. Powell reported Page 58 is the proposed \$49,173,451 FY15 budget which incorporates the following:

- ▶ 2.5% domestic rate increase
 - .68 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 in year 15 of 20
 - 4% average increase for the industrial section
- ▶ Facility and Tap Fee 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 Material Supplies and Services which has an impact of \$253,679.

Mr. Powell reported page 66 starts the Operation & Maintenance section. This is a detailed accounting of the proposed budget by department as well as current year projected and prior year actuals. Page 79 starts the Insurance Fund section. This is a concise overview of the various insurance funds along with their respective proposed budgets and FY 13 actuals and current year projected actuals. Page 84 starts the Replacement Fund section. This is an overview of the various insurance funds along with their respective proposed budgets and FY13 actuals and current year projected actuals. Page 89 starts the CIP Program section. This is an overview of the CIP program ran by the engineering department along with their proposed current year budget and projection of needs for the upcoming nine years. Page 102 starts the Debt Financing section. This is an overview of debt management as well as a brief description of capital projects funding. A detailed listing of current outstanding debt as well as an aggregate debt service for each outstanding issue is available and includes the most recent debt issuance.

Page 111 starts the appendix section. This includes the proposed FY15 budget resolution with the schedule of rates and fees. Also included is a flow of funds which is a graphical representation of the budget resolution. Mr. Watts asked Mr. Powell to summarize how the District can tolerate a 20% budget increase and a 2.5% increase in rates. Mr. Powell stated the Bond Issue that MSD just issued in the amount of \$28 million was for projects that were done over the last three (3) years. Those monies go back into reserves. The Business Plan allows MSD to take out of reserves money to pay for on-going Capital Improvement Program (CIP) needs over a ten-year period. Depending on the needs of the CIP, monies will come out of reserves until the MSD issues debt, and in that year, contributions will be made to unrestricted reserves to meet any unforeseen needs. Debt is a vital component of the District's CIP Program. Mr. Hartye stated the CIP for this year has spiked compared to the remaining years in the current CIP. A study is being done for the Plant that will bring out some projects that will need to be added on to the CIP in the next 10 years and the Engineers have been encouraged to phase-in improvements over time. He further stated a lot of the components at the plant have reached their useful life and some have been replaced. In addition, MSD needs to plan for new regulations. Mr. Powell noted that MSD's 2.5% increase is less than the national average of 5.1%. With no further discussion, Mr. VeHaun called for a motion to approve the Resolution adopting the Preliminary Budget for FY2014-2015. Mr. Watts moved. Mr. Russell seconded the motion. Roll call vote was as follows: 11 Ayes; 0 Nays.

10. Old Business:

None

11. New Business:

Mr. Clarke called for a motion to go into closed session to discuss a condemnation matter of MSD vs. Roberts on the Lower Smith Mill Creek line. Ms. Manheimer asked to be excused from deliberation and vote on this item.

At 2:42 p.m., Mr. Watts moved the Board go into closed session. Mr. Ashley seconded the motion. Voice vote was unanimous in favor of the motion.

At 2:49 p.m., the Board went back into open session. Mr. Kelly moved the Board approve a settlement of \$165,000 in MSD vs. Roberts. Ms. Frost seconded the motion. Voice vote was unanimous in favor of the motion.

In unrelated business, Mr. Clarke stated the MSD Board as an organization and Finance staff deserve great credit for the recent bond purchase in the amount of \$28 million dollars. He further stated a refinance was done two years ago that came in at a total all-in interest cost of 4.13% which the Underwriters said was a record, but the most recent bond purchase came in at a rate of 3.59% which is even less.

With regard to the lawsuit involving the City of Asheville the State of NC & MSD, Mr. Clarke stated that arguments will be heard in Raleigh on Friday, but does not expect a decision to be made at that time. He will keep the Board posted on any developments.

12. Adjournment:

With no further business, Mr. Kelly moved for adjournment at 2:59 p.m. Mr. Pelly seconded the motion. Voice vote was unanimous in favor of the motion.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: June 5, 2014
SUBJECT: Report from the General Manager

- **Fiscal Year 2015 Budget**

The Final Budget will be presented to the Board and a Public Hearing will be held at the meeting June 11th. Due to its size, we did not include the full budget in our send out but the item within the agenda has a link to the document on our site where you can view or download. If you would like us to provide either a digital or hard copy please let us know. Attached is a 2-page synopsis of the FY 2015 Budget that you may find useful.

- **Paving**

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 just for paving. Generally when MSD replaces sewer lines in the street, we restore the trench and then overlay the entire road for the length of the work. MSD utilizes trenchless technology whenever possible to avoid disruption to pavement and the associated cost.

- **GFOA Certificate of Achievement for FY 2013 CAFR**

The Government Finance Officers Association has recognized MSD with a Certificate of Achievement for the Fiscal Year 2013 Comprehensive Annual Financial Report (CAFR). Many thanks to Scott Powell and Teresa Gilbert.

- **Clean Air Compliance Award**

Attached is a letter from the Western North Carolina Regional Air Quality Agency recognizing MSD for compliance with all the air quality rules and regulations for 2013. Congratulations and thanks to the Plant operation and maintenance folks.

- Kudos

- Attached is a letter from Lloyd Johnson for work performed by MSD contractor Terry Brothers, Kevin Devlin was the MSD Inspector.
- Attached is an email from Rick Winkenwerder . Thanks to Mike Stamey, Shane Meadows, Carl Ellington, Jason Price, Marvin Felder, Jamie Foxx, Keith Gass, and Kevin Johnson.

- Board/Committee Meetings/Events

The June Right of Way Committee Meeting has been cancelled. The next Right of Way Committee meeting will be held at 9 am on July 23rd. 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 Regular Board Meeting will be held on July 16th at 2 pm.



MSD FY15 BUDGET/RATE SYNOPSIS

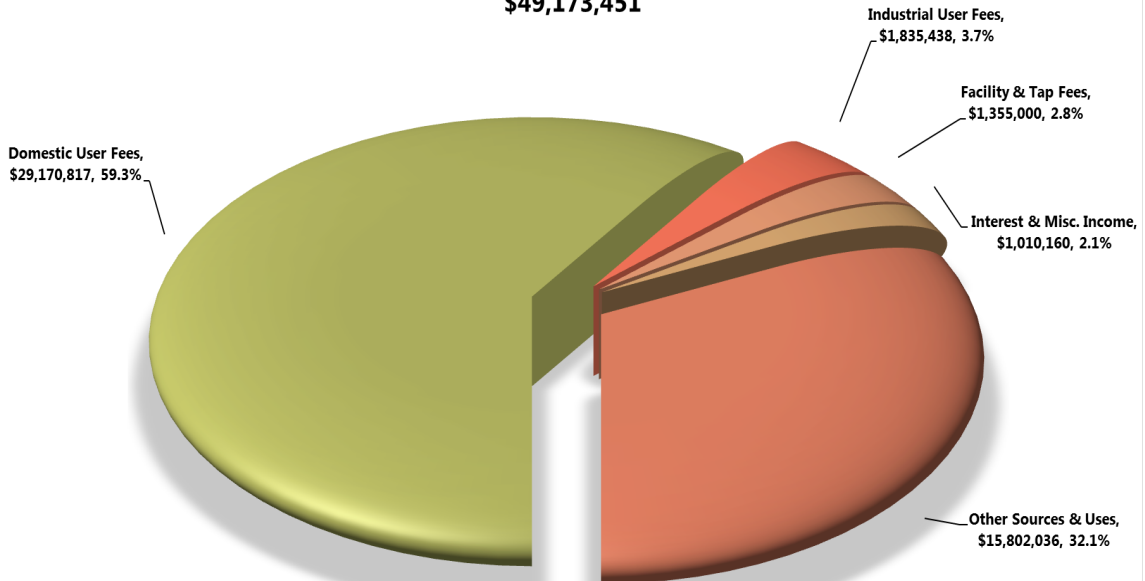
➤ Total Budget \$49,173,451

1. CIP (Rehab Construction)	\$22,760,555	} 67% Construction related
2. Debt Service	\$10,389,488	
3. O&M	\$15,391,058	
4. Capital Equipment	\$ 632,350	

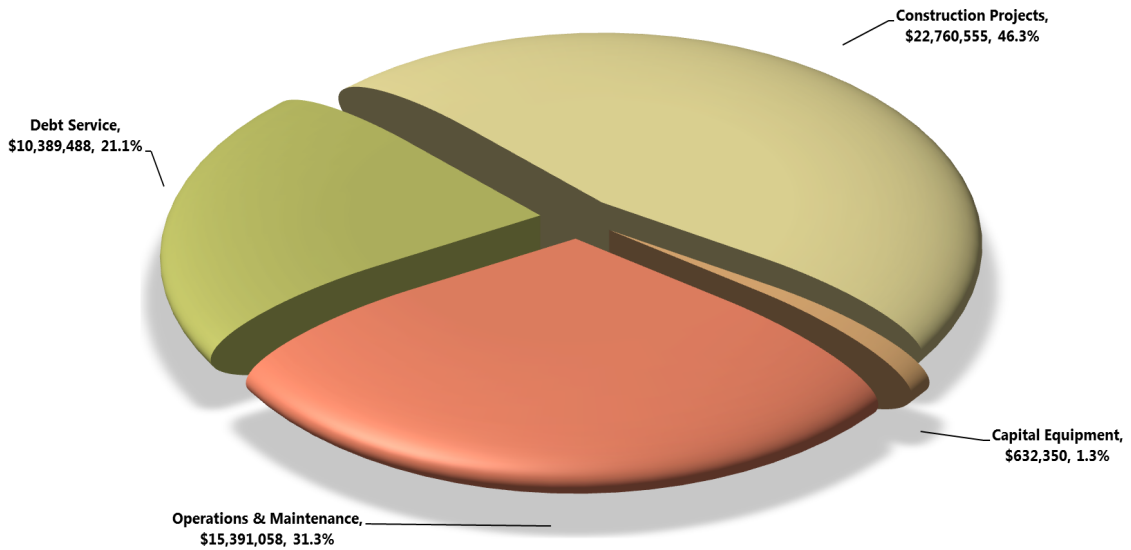
See graphs other side

- The 2.5% rate adjustment is necessary to fund sewer system rehabilitation/replacement projects as well as necessary treatment plant improvements of \$185.9 million over the next 10 years.
- The District's sewer system consists of approximately 5 million feet of 6" to 66" pipe and over 28,000 manholes, much of which was constructed in the 1920's, 30's, and 40's and is in dire need of replacement or rehabilitation. It will be necessary to replace 50,000 feet of sewer each year as required by the NCDENR collection system permit. The District constructed a new \$10 million Filtration System which has significantly improved effluent water quality.
- O&M budget includes
 1. Salary increase of 2.5%
 2. A 4.5 % increase to Materials and Supplies (including fuel).
 3. Medical Plan funding – no increase in MSD contribution.
 4. GASB 45 (OPEB) funding of \$265,700.
 5. 1.12% increase in funding for North Carolina retirement cost.
- Average residential monthly bill will go up .68 cents from \$27.81 to \$28.49.
- Residential Facilities Fee - No increase at \$2,500.
- Average bill for industrial user to go up 4.0% based upon the 20 year "parity" plan approved by the District Board.

FY15 Budget Revenues
\$49,173,451



FY 15 Budget Expenditures
\$49,173,451





Government Finance Officers Association
203 N. LaSalle Street - Suite 2700
Chicago, IL 60601

Phone (312) 977-9700 Fax (312) 977-4806

May 21, 2014

Thomas E. Hartye, P.E.
General Manager
Metropolitan Sewerage District of Buncombe County
2028 Riverside Drive
W.H. Mull Building
Asheville NC 28804-3054

Dear Mr. Hartye:

We are pleased to notify you that your comprehensive annual financial report for the fiscal year ended **June 30, 2013** qualifies for a Certificate of Achievement for Excellence in Financial Reporting. The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

The Certificate of Achievement plaque or medallion will be shipped to:

W. Scott Powell, CLGFO
Director of Finance

under separate cover in about eight weeks. We hope that you will arrange for a formal presentation of the Certificate and Award of Financial Reporting Achievement, and that appropriate publicity will be given to this notable achievement. A sample news release is enclosed to assist with this effort. In addition, details of recent recipients of the Certificate of Achievement and other information about Certificate Program results are available in the "Awards Program" area of our website, www.gfoa.org.

We hope that your example will encourage other government officials in their efforts to achieve and maintain an appropriate standard of excellence in financial reporting.

Sincerely,
Government Finance Officers Association

Stephen J. Gauthier, Director

Technical Services Center

SJG/ds



Government Finance Officers Association

**Certificate of
Achievement
for Excellence
in Financial
Reporting**

Presented to

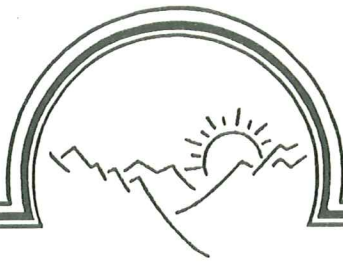
**Metropolitan Sewerage District
of Buncombe County
North Carolina**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2013

Executive Director/CEO

Western North Carolina



Regional Air Quality Agency

David A. Brigman, Director

Serving Buncombe County and the City of Asheville

May 16, 2014

Tom Hartye
Metropolitan Sewerage District of Buncombe County
2028 Riverside Drive
Asheville, NC 28804

Dear Tom Hartye:

The Western North Carolina Regional Air Quality Agency would like to recognize Metropolitan Sewerage District of Buncombe County for compliance with air quality rules and regulations during 2013.

We appreciate your diligence in complying with your permit. As always, if we can be of assistance in any matter, particularly with pollution prevention activities, please let us know.

Sincerely,

David A. Brigman
Director

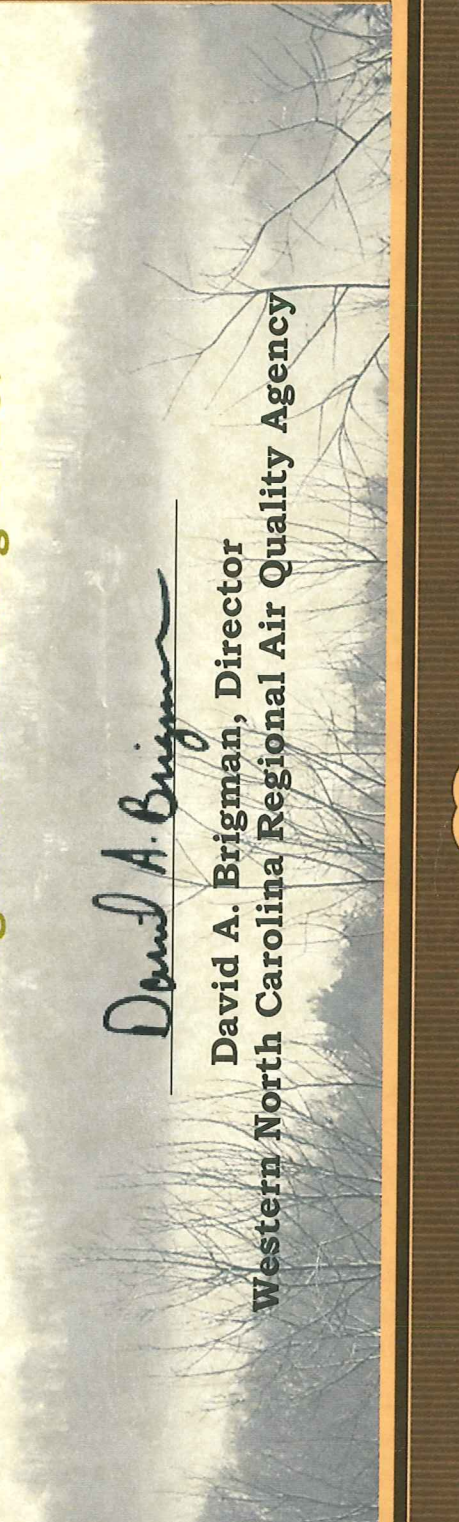
Enclosure

CLEAN AIR COMPLIANCE AWARD

PRESENTED TO

**Metropolitan Sewerage District of
Buncombe County**

**For compliance with WNC Regional Air Quality Agency
rules and regulations during 2013.**



David A. Brigman

**David A. Brigman, Director
Western North Carolina Regional Air Quality Agency**

Mr. Eddie Gzhan:

My Name is Lloyd Johnson I live at 95 Sycamore Dr. in Arden, N.C. I have about 150 feet of road front property. Your employees have completed their sewer line replacement across my property. I just wanted you to know they have done an excellent job of putting everything back as they found it.

This is a very hard working group and have put a lot of effort into making everything look really well.

Thank you and your crew for all your work.

Sincerely,
Lloyd Johnson

-----Original Message-----

From: winkrm@juno.com [<mailto:winkrm@juno.com>]

Sent: Tuesday, May 20, 2014 5:25 PM

To: Stamey, Mike

Subject: Thank you Mike!

Mike,

We thank you for ALL your help today.

Shane, Karl, Jason, Marvin and Jamie were a REAL blessing!

I am sure others were in the loop. Kevin and Keith too.

They really respect you as their leader. It was our privilege to be a part of the MSD team.

Sincerely,

Rick Winkenwerder

Jill was ready to hug the guys too! :D She is blessed. She knows where her water line is. Your men showed great respect today to people of the community which we will communicate to others.

GREAT JOB!!

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

BOARD MEETING DATE: June 11, 2014

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

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

SUBJECT: Sanitary Sewer Rehabilitation Project: East State Street @ West Street,
MSD Project No. 2011115

BACKGROUND: This project is for the replacement of aged six-inch and eight-inch clay sewer lines located in downtown Black Mountain. The lines are in poor structural condition, which has caused frequent maintenance issues.

This project is being coordinated with an NCDOT paving project on this street. The NCDOT project is scheduled to begin later this summer, prior to the beginning of the 2014-15 school year (there is an Elementary School in close proximity to the project).

The MSD portion is comprised of 1,610 linear feet of 8-inch DIP.

The contract was advertised and three bids were received on Thursday May 22, 2014 at 2:00 PM as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Dillard Excavating Co.	\$788,815.00
2) Terry Brothers Const. Co., Inc.	\$480,950.00
3) Davis Grading, Inc.	\$403,640.00

The apparent low bidder is Davis Grading, Inc. with a bid amount of \$403,640.00. Davis Grading has not had previous experience with MSD rehabilitation projects; therefore, staff checked multiple references.

All references were highly positive, with no problems cited with the company's performance. Staff is therefore comfortable that the Board award this contract to Davis Grading, Inc.

Please refer to the attached documentation for further details, including the reference check.

FISCAL IMPACT: The FY14-15 construction budget for this project is \$519,000.00.

STAFF RECOMMENDATION: 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.

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

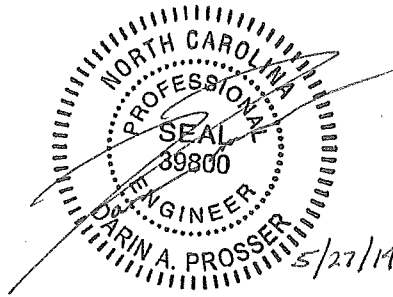
**EAST STATE STREET @ WEST STREET
SEWER REPLACEMENT
PROJECT NO. 2011115**

**BID TABULATION
May 22, 2014**

BIDDER	Bid Bond	MBE Form	Bid Forms (Proposal)	TOTAL BID AMOUNT
Dillard Excavating Co., Inc. Sylva, NC	5%	2	Yes	\$788,815.00
Terry Brothers Construction Company Leicester, NC	5%	1	Yes	\$480,950.00
Davis Grading, Inc. Shelby, NC	5%	2	Yes	\$403,640.00

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 22nd day of May, 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
Darin Prosser, Project Manager

DATE: May 27, 2014

RE: **East State Street @ West Street** Sewer Replacement, MSD Project No. 2011115

The East State Street @ West Street Sewer Replacement project is located in Black Mountain along East State Street (Route 70). The project includes sewer line replacement in MSD sub-basin #25, from Broadway Street to Charlotte Street.

Approximately 1,610 linear feet of 8-inch DIP sewer line will be installed to replace existing six-inch and eight-inch VCP lines. The existing pipes are in poor structural condition. Additionally, NCDOT plans to resurface East State Street in the Summer of 2014. The MSD project will replace the sewer before the NCDOT project begins.

On May 22, 2014 three sealed bids were received at 2:00 pm. Results were as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Dillard Excavating Co.	\$788,815.00
2) Terry Brothers Construction Co., Inc.	\$480,950.00
3) Davis Grading, Inc.	\$403,640.00

The apparent low bidder is Davis Grading, Inc. with a bid amount of \$403,640.00. The FY14-15 construction budget for this project is \$519,000.

This will be Davis Grading's first project with MSD sewer rehabilitation projects, so references have been contacted. Davis Grading received excellent reviews regarding their performance history.

Staff therefore recommends award of this contract to Davis Grading, Inc. contingent upon review and approval by District Counsel.

Memorandum

To: Ed Bradford, Director of Engineering
CC: Darin Prosser, MSD Project Manager
From: F. Roger Watson, MSD Construction Manager
Date: May 27, 2104
Re: References – Davis Grading Inc. of Shelby, NC

I have checked references of Davis Grading Inc. of Shelby, NC (apparent low bidder on the E. State Street @ West Drive project) and all references contacted gave this company an excellent construction record and highly recommended them. Below are persons contacted with their response and recommendations:

Reference No. 1

David Hux – City of Shelby, NC Utilities Department, Asst. Utilities Director

Project: Westside Sewer Contract no. 1 – 25,000 LF of 15” sewer plus manholes, railroad bore and 4 roadway bores

Comments: A major gravity outfall line – Davis Grading did excellent work, completed job within budget and schedule. No problems were encountered during work; job went smoothly and very well. Contractor has done other projects for City of Shelby and all went well. Good Contractor, highly recommended.

Reference No. 2

Reid Hammet – Town of Forest City

Project: Horsehead Utilities Project – 6700 LF of 4” force main, 9900 LF of 12” DIP waterline and Sanitary Sewer Pump Station

Comments: Good Contractor, has done several projects for Town of Forest City, Davis Grading is a large company which works from Greensboro, Hickory, and other locations in NC & SC. Jobs with Forest City were done on time and within project schedule. Mr. Hammet highly recommended this contractor.

Reference No. 3

Jonathan Young – Town of Mooresville Engineer

Project: Reed Creek Force Main Relocation – 8500 LF of 24” sewer force main

Comments: One of best contractors he has worked with, job across golf course, was time sensitive, work was done quickly and efficiently, no complaints were received from property owners or public concerning contractor’s work, work included bore under railroad at 25’ to 30’ depth – bore was successful and no problems; cleanup of job was excellent. Great Contractor – highly recommended.

Reference No. 4

Eric Conner – NCDOT, Shelby Division Office; Shelby, NC

Project: NC 274 Widening – 1.3 miles of roadway widening , included grading, excavation, waterline replacement, sewer line replacement, storm drainage and concrete work

Comments: Work was satisfactory and met or exceeded NCDOT specifications and requirements. No problems were encountered. Contractor provided satisfactory and sufficient supervision and workers to complete project work scope.

Summary

All references gave this contractor a very high recommendation and did not seem to have any reservations about rehiring them for future projects.

Based on the above comments, Davis Grading Inc. of Shelby, NC seems to be well qualified to do work on MSD's system and capable of doing the E. State Street @ West Street Project as proposed in MSD's project plans and specifications.

It is recommended that this contract be awarded to Davis Grading Inc. of Shelby, NC.

F. Roger Watson, PE/PLS
MSD Construction Manager

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

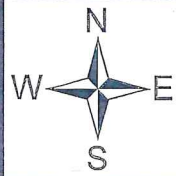
BUDGET DATA SHEET - FY 2014 - 2015

PROJECT: East State Street @ West St.	LOCATION: Black Mountain
TYPE: General Sewer Rehab.	PIPE RATING: 29
PROJECT NO. 2011115	TOTAL LF: 1,610
PROJECT BUDGET: \$535,800.00	PROJECT ORIGIN: SSO's, Access, 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	\$9,800.00	\$7,120.00	\$2,600.00	
55330 - DESIGN				
55340 - PERMITS	\$1,000.00			\$1,000.00
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS				
55370 - LEGAL FEES				
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION				
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$519,000.00			\$519,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING	\$2,000.00			\$2,000.00
55450 - SURVEY - ASBUILT	\$4,000.00			\$4,000.00
TOTAL AMOUNT	\$535,800.00	\$7,120.00	\$2,600.00	\$526,000.00

ENGINEER: MSD	DP	ESTIMATED BUDGETS - FY '15 -'24		
R.O.W. ACQUISITION: N/A	# PLATS: [0]	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	
		FY 20-21	\$0.00	
PROJECT DESCRIPTION: This project will replace an existing sewer main in East State Street (US 70) in Black Mountain between West Street and Padgettown Road. The existing line is 6-inch and 8-inch vitrified clay pipe and is in poor condition. It will be replaced with a new 8-inch ductile iron pipe main.		FY 21-22	\$0.00	
		FY 22-23	\$0.00	
		FY 23-24	\$0.00	

SPECIAL PROJECT NOTES:



**E State Street at West Street
Project No. 2011115**

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: June 11, 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: Mount Vernon Place Ph. 2, MSD Project No. 2010122

BACKGROUND: This project is for the replacement of aged six-inch clay sewer lines located in the North Asheville area. The lines are in poor structural condition, and have been subject to frequent maintenance calls.

This work is being coordinated with a City of Asheville water rehabilitation project in this neighborhood. After the City water project is complete, MSD and the City will cost-share to pave affected streets. The paving work will restore pavement for a total of four MSD projects in this immediate neighborhood.

This project is comprised of 2,504 linear feet of 8-inch DIP and HDPE.

The contract was advertised and two bids were received on Thursday May 22, 2014. The project was therefore re-advertised and two bids were received on Friday May 30 at 11:00 am as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Dillard Excavating Co, Inc.	\$722,815.00
2) Terry Brothers Const. Co.	\$542,675.00

The apparent low bidder is Terry Brothers with a bid amount of \$542,675.00. Terry Brothers has completed numerous projects for MSD, and has a satisfactory performance history.

Please refer to the attached documentation for further details.

FISCAL IMPACT: 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 RECOMMENDATION: Staff recommends award of this contract to Terry Brothers Const. Co., Inc. in the amount of \$542,675.00, subject to review and approval by District Counsel.

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

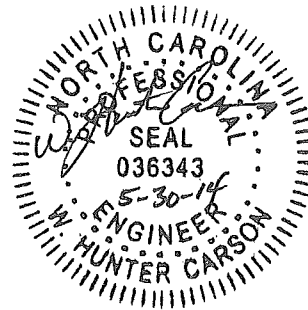
**MOUNT VERNON PLACE PHASE 2
SEWER REPLACEMENT
PROJECT NO. 2010122**

**BID TABULATION
May 30, 2014**

BIDDER	Bid Bond	MBE Form	Bid Forms (Proposal)	TOTAL BID AMOUNT
Dillard Excavating Co., Inc. Sylva, NC	5%	1	Yes	\$722,815.00
Terry Brothers Construction Company Leicester, NC	5%	1	Yes	\$542,675.00

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 11:00 a.m. on the 30th day of May, 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. This project was originally bid on May 22nd but only 2 bids were received at that time. Project was re-advertised for May 30th and 2 bids were received.

Interoffice Memorandum

TO: Tom Hartye, General Manager

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

DATE: May 30, 2014

RE: **Mount Vernon Place Phase 2 Sewer Replacement, MSD Project No. 2010122**

The Mount Vernon Place Phase 2 Sewer Replacement project is located in north Asheville, just west of Merrimon Avenue and south of Beaver Lake. The project area is split between MSD sub-basins #4 and #42. Sewer lines will be replaced on Mount Vernon Circle and Colonial Place. Approximately 2,023 linear feet of 8-inch DIP and 481 linear feet of 8-inch HDPE sewer line (installed via dig & replace and pipe bursting, respectively) will replace existing 6-inch VCP lines. The existing pipes are in very poor condition and have experienced SSOs.

On May 22, 2014, two sealed bids were received; however, with estimated construction expenditures in excess of \$500,000, the project required a minimum of three bids to open. The project was re-advertised and bids were again received on May 30, 2014 at 11:00am. Two sealed bids were received and the results were as follows:

<u>Contractor</u>	<u>Bid Amount</u>
1) Dillard Excavating Co, Inc.	\$722,815.00
2) Terry Brothers Const. Co.	\$542,675.00

The apparent low bidder is Terry Brothers Construction Company with a bid amount of \$542,675.00.

The FY14/15 project budget is \$809,000.00; however, the budget includes roadway milling and resurfacing costs for this and other projects recently completed by MSD. The construction estimate for sewer replacement alone is \$640,000.00, and is the basis for the bids shown above.

The City of Asheville will be completing a neighborhood-wide waterline replacement project later this year, and has agreed to share costs of milling and resurfacing in mutually disturbed roadways. The additional funds budgeted will be used for roadway repairs on four MSD sewer replacement projects in this neighborhood: Mount Vernon Phase 1, Mount Vernon Phase 2, Merrimon Ave. @ Colonial Place, and Cambridge Road (completed by MSD System Services).

Terry Brothers Construction Company has extensive experience with District rehabilitation and replacement projects, and has an excellent performance history.

Staff recommends award of this contract to Terry Brothers Construction Company contingent upon review and approval by District legal counsel.

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

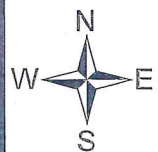
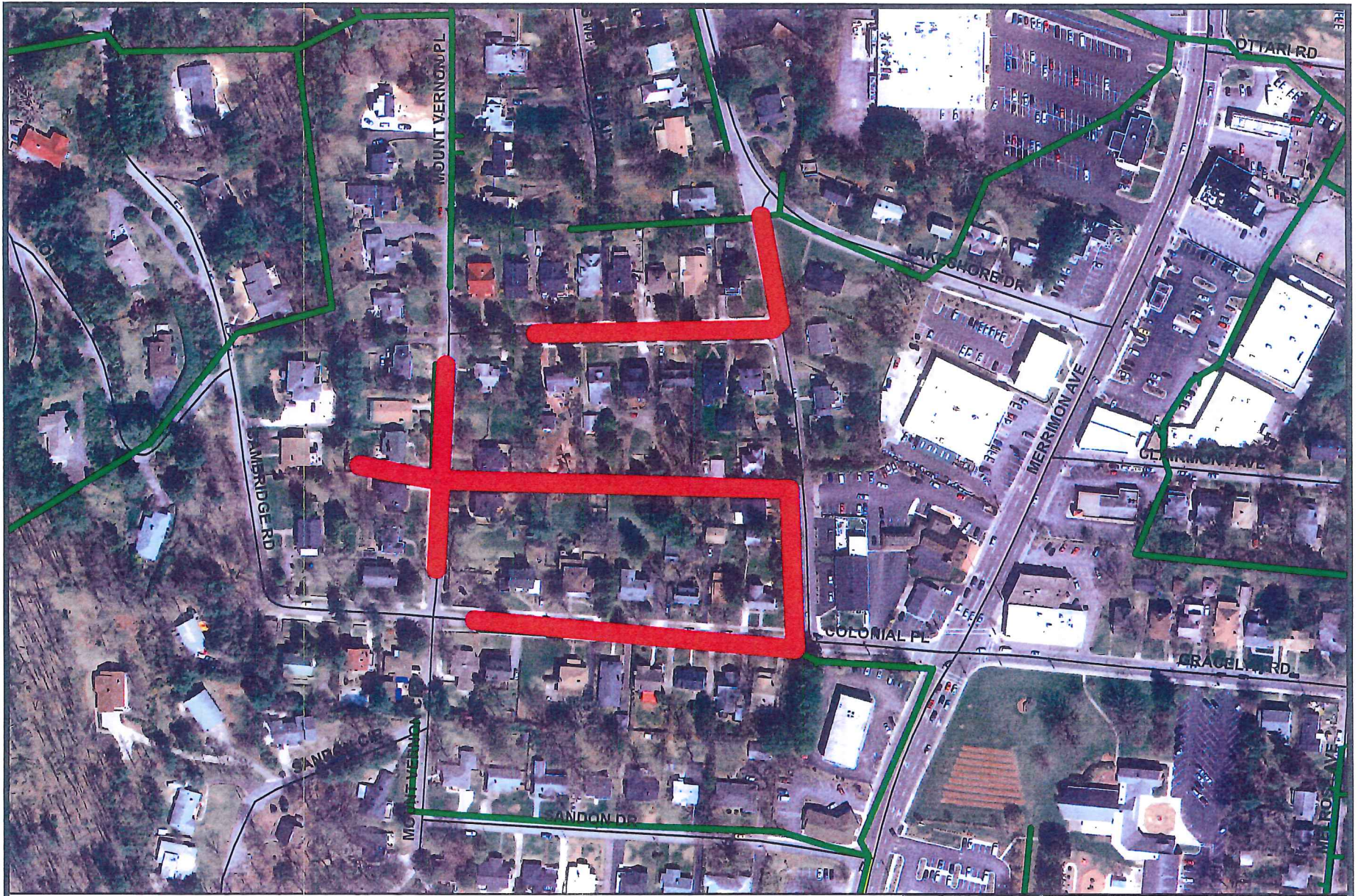
BUDGET DATA SHEET - FY 2014 - 2015

PROJECT: Mount Vernon Place Ph. 2	LOCATION: Asheville
TYPE: General Sewer Rehab.	PIPE RATING: 54
PROJECT NO. 2010122	TOTAL LF: 2,476
PROJECT BUDGET: \$822,700.00	PROJECT ORIGIN: SSO's, Access, 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				
55330 - DESIGN				
55340 - PERMITS				
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS	\$1,500.00		\$1,500.00	
55370 - LEGAL FEES	\$1,000.00		\$1,000.00	
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION	\$4,000.00		\$4,000.00	
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$809,000.00			\$809,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING	\$1,000.00			\$1,000.00
55450 - SURVEY - ASBUILT	\$6,200.00			\$6,200.00
TOTAL AMOUNT	\$822,700.00	\$0.00	\$6,500.00	\$816,200.00

ENGINEER: MSD	HC	ESTIMATED BUDGETS - FY '15 -'24	
R.O.W. ACQUISITION: MSD	# PLATS: [1]	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
		FY 20-21	\$0.00
PROJECT DESCRIPTION: This project is located in north Asheville, near the intersection of Merrimon Ave. and Lakeshore Dr. It consists of the replacement of approximately 2,476 LF of existing 6-inch vitrified clay pipe with 8-inch ductile iron pipe. The existing sewer is in poor condition and has experienced numerous leaks.		FY 21-22	\$0.00
		FY 22-23	\$0.00
		FY 23-24	\$0.00

SPECIAL PROJECT NOTES: Ph. 2 Survey for Design completed as part of Ph. 1. Constructon budget includes paving and milling costs (\$127,500) for Mt. Vernon Ph. 1 & 2, plus Cambridge Rd. project wich was constructed by SS. Cost sharing with COA following waterline replacement in Fall 2014.



Mount Vernon Place Phase 2
Project No. 2010122

NOT TO SCALE



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Budget Map

Metropolitan Sewerage District of Buncombe County Board Action Item

Meeting Date: June 11, 2014

Subject: Consideration of Bids - Sodium Hypochlorite Contract

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

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

Background: The Water Reclamation Facility is required to disinfect the effluent prior to discharge to the French Broad River. Liquid sodium hypochlorite is used for this purpose. Current contracted cost for sodium hypochlorite is \$0.67/gallon, with an estimated expenditure for FY14 - based on 200,000 gallons usage - of \$134,000.00. In May of 2014, new bids for Sodium Hypochlorite were requested from various vendors as a method of keeping costs in line, as costs have been known to fluctuate in previous years due to changes in fuel and manufacturing costs. The bid was based on an estimated usage for 2014-2015 of 200,000 gallons of Sodium Hypochlorite.

Discussion: Pursuant to North Carolina Purchasing Statutes and MSD Procedures, on May 09, 2014, bids were emailed to five vendors and an advertisement was placed on the MSD web site. Four bids were received and the bid opening was held May 23, 2014. Specialty Chemical Company was the lowest bidder and agrees to hold their price firm for the total year contract irrespective of market changes. Specialty Chemical Company will be a new supplier to MSD. However, after reference and specification reviews and conversations with the vendor, MSD staff feels comfortable with both the quality of the chemicals and customer service.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on historical use, FY15 expenditures for Sodium Hypochlorite is anticipated to be \$131,800.00, within the levels budgeted by the WRF.

Staff Recommendation: Staff recommends that the Board award the contract for the supply of Sodium Hypochlorite to Specialty Chemical Company at a unit price of \$0.659 per gallon.

Bid Tab:

Vendor	Price per Gallon	Extended Price based on 200,000 estimated gallons	Comments
Univar Spartanburg, SC	\$ 0.735	\$147,000.00	Price good for one year
Specialty Chemical, Cleveland, TN	\$0.659	\$131,800.00	Price good for one year
Water Guard, Wilson, NC	\$0.950	\$190,000.00	Price good for one year
JCI Jones Charlotte, NC	\$0.670	\$134,000.00	Price good for one year

**Metropolitan Sewerage District of Buncombe County
Board Action Item**

Meeting Date: June 11, 2014

Subject: Consideration of Bids - Sodium Bisulfite Contract

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

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

Background: Following Chlorine Detention time/final disinfection, the Water Reclamation Facility is required to neutralize any remaining Chlorine in the water prior to discharge to the French Broad River. Sodium Bisulfite is used for this purpose. In May of 2014, new bids for Sodium Bisulfite were requested from various vendors as a method of keeping rising costs in line, as indicators showed that prices for this material had risen since the previous contract was awarded. These price increases are directly tied to cost of fuels, as well as general price increases in the chemical market over the past year. The bid was based on an estimated usage for 2014-2015 of 100,000 gallons of Sodium Bisulfite.

Discussion: Pursuant to North Carolina Purchasing Statutes and MSD Procedures, on May 09, 2014, bids were emailed to four vendors and an advertisement was placed on the MSD web site. Two bids were received and the bid opening was held May 23, 2014. Southern Ionics was the lowest bidder and agrees to hold their price firm for the total year contract irrespective of market changes. Southern Ionics has been the supplier to MSD this past fiscal year and MSD staff feels comfortable with both the quality of the chemicals and the customer service supplied by Southern Ionics.

Fiscal Impact: This is a Unit Price Contract, without minimum or maximum quantities. Based on the estimated gallons, 2014-2015 expenditures for Sodium Bisulfite is anticipated to be \$114,000.00, within the levels budgeted by the WRF.

Staff Recommendation: Staff recommends that the Board award the contract for the supply of Sodium Bisulfite to Southern Ionics at a unit price of \$1.140 per gallon.

Bid Tab:

Vendor	Price per Gallon	Extended Price based on 100,000 estimated gallons	Comments
Southern Ionics West Point, MS	\$1.140	\$114,000.00	Price good for one year - Firm
Specialty Chemical Cleveland, TN	Non- Responsive		
Brenntag Charlotte, NC	Non- Responsive		
JCI Jones Charlotte, NC	\$1.147	\$114,700.00	Price good for one year - Firm

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

BOARD MEETING DATE: 6/11/2014

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

PREPARED BY: Mike Stamey, PE - SSD Director of Construction

SUBJECT: MSD FY15 Non City of Asheville Road ROW Paving Restoration Contract
Project No. 2002101

BACKGROUND: 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).

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

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

It is noted that 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 FY15 Non City of Asheville Road ROW Paving Restoration Contract was advertised and two informal bids were received on May 22, 2014 as follows:

<u>Contractor</u>	<u>Total Bid</u>
APAC-Atlantic, Inc.:	\$290,575.00
French Broad Paving, Inc.	\$206,212.50

French Broad Paving, Inc. is the apparent low bidder for this contract. They have performed previous paving projects for the District and have an excellent performance history.

FISCAL IMPACT: The FY15 budget estimate for this item is \$225,000.00.

STAFF RECOMMENDATION: 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.

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

**FY 2015 CONTRACT FOR THE RESTORATION OF
NON-CITY OF ASHEVILLE ROAD RIGHTS-OF-WAY
PROJECT NO. 2002101**

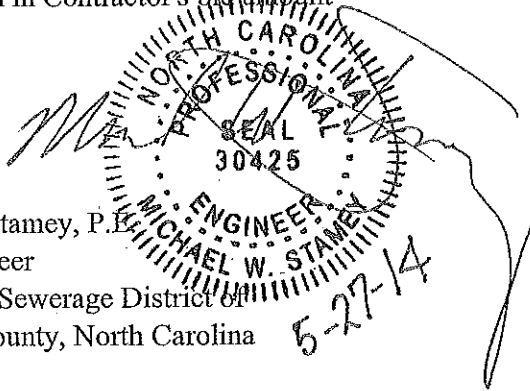
**BID TABULATION
May 22, 2014**

BIDDER	MBE Form	Bid Forms (Proposal)	Total Bid Amount
Harrison Construction Company Asheville, NC	2	Yes	\$290,575.00
French Broad Paving Marshall, NC	2	Yes	(*) \$206,212.50

APPARENT LOW BIDDER

(*) Correction in Contractor's bid amount

Michael W. Stamey, 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 10:30 AM on the 22nd day of May, 2014, 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: Tom Hartye, PE - General Manager
FROM: Mike Stamey, PE - SS Director of Construction
DATE: May 30, 2014
RE: MSD FY15 Non City of Asheville Road ROW Paving Restoration Contract,
Project No. 2002101

This contract is for the restoration of roads, driveways, and sidewalks in Non City of Asheville Rights of Way resulting from District maintenance activities for the period of time from July 1, 2014 to June 30, 2015. These activities are both planned (i.e. taps for new connections or small repairs), and unplanned (i.e. emergency repairs to the system).

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

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

Please note 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. That contract is estimated to be \$450,000.00 and will be presented to the MSD Board as a separate item.

Informal bids were received for the FY15 Non City of Asheville Road ROW Paving Restoration Contract on May 22, 2014. Two bids were received at that time as follows:

<u>Contractor</u>	<u>Total Bid</u>
APAC-Atlantic, Inc.:	\$290,575.00
French Broad Paving, Inc.	\$206,212.50

French Broad Paving, Inc. is the apparent low bidder for this contract with a bid amount of **\$206,212.50**. French Broad Paving, Inc. has performed numerous paving projects for the District and has an excellent performance history.

The overall FY15 budget for the paving contracts is \$1,215,000.00, which includes the City of Asheville paving contract estimated at \$450,000.00, larger competitively bid paving projects estimated at \$540,000 and this Non City contract estimated at \$225,000.00.

Staff recommends award of the FY15 Non City of Asheville Road ROW Paving Restoration Contract to French Broad Paving, Inc., 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:	SSD Rehab. & Replacement (Annual)	LOCATION:	Various
TYPE:	General Sewer Rehab.	PIPE RATING:	N/A
PROJECT NO.	2002101	TOTAL LF:	200,000
PROJECT BUDGET:	\$39,930,000.00	PROJECT ORIGIN:	In-house Capital Improvements

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				
55330 - DESIGN				
55340 - PERMITS				
55350 - SPECIAL STUDIES				
55360 - EASEMENT PLATS				
55370 - LEGAL FEES				
55380 - ACQUISITION SERVICES				
55390 - COMPENSATION				
55400 - APPRAISAL				
55410 - CONDEMNATION				
55420 - CONSTRUCTION	\$39,930,000.00	\$1,474,996.00	\$2,515,004.00	\$3,993,000.00
55430 - CONST. CONTRACT ADM.				
55440 - TESTING				
55450 - SURVEY - ASBUILT				
TOTAL AMOUNT	\$39,930,000.00	\$1,474,996.00	\$2,515,004.00	\$3,993,000.00

ENGINEER:	MSD	MS	ESTIMATED BUDGETS - FY '15 -'24	
R.O.W. ACQUISITION:	MSD	# PLATS: []	FY 15-16	\$3,993,000.00
CONTRACTOR:			FY 16-17	\$3,993,000.00
CONSTRUCTION ADM:	MSD		FY 17-18	\$3,993,000.00
INSPECTION:	MSD		FY 18-19	\$3,993,000.00
			FY 19-20	\$3,993,000.00
			FY 20-21	\$3,993,000.00
			FY 21-22	\$3,993,000.00
			FY 22-23	\$3,993,000.00
			FY 23-24	\$3,993,000.00
SPECIAL PROJECT NOTES:	Capitalized Labor & Misc.	\$1,303,000	Materials / Year	\$1,310,000
Fuel Allocation	\$165,000	Paving Contracts	Estimated L.F. per year	20,000

PROJECT DESCRIPTION: This line item is for the replacement of capital assets using in-house construction crews and materials. This includes new taps, small repairs, lining, as well as larger rehabilitation projects. Also included is paving when required for these repairs and rehabilitation projects. The total estimated project cost shown is the total within the ten year window.

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: 6/11/14

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

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

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

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

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

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

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

This annually renewing agreement was approved by the MSD Board at the June 12, 2013 meeting. For FY 15, the District's monetary contribution for this agreement is \$425,123.55. This amount is based upon usage throughout this 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.

FISCAL IMPACT: The FY 15 budget estimate for this item was \$450,000.00.

STAFF RECOMMENDATION: None. Information Only

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 11, 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 Biltmore Lake Block "J" Sewer Extension Project.

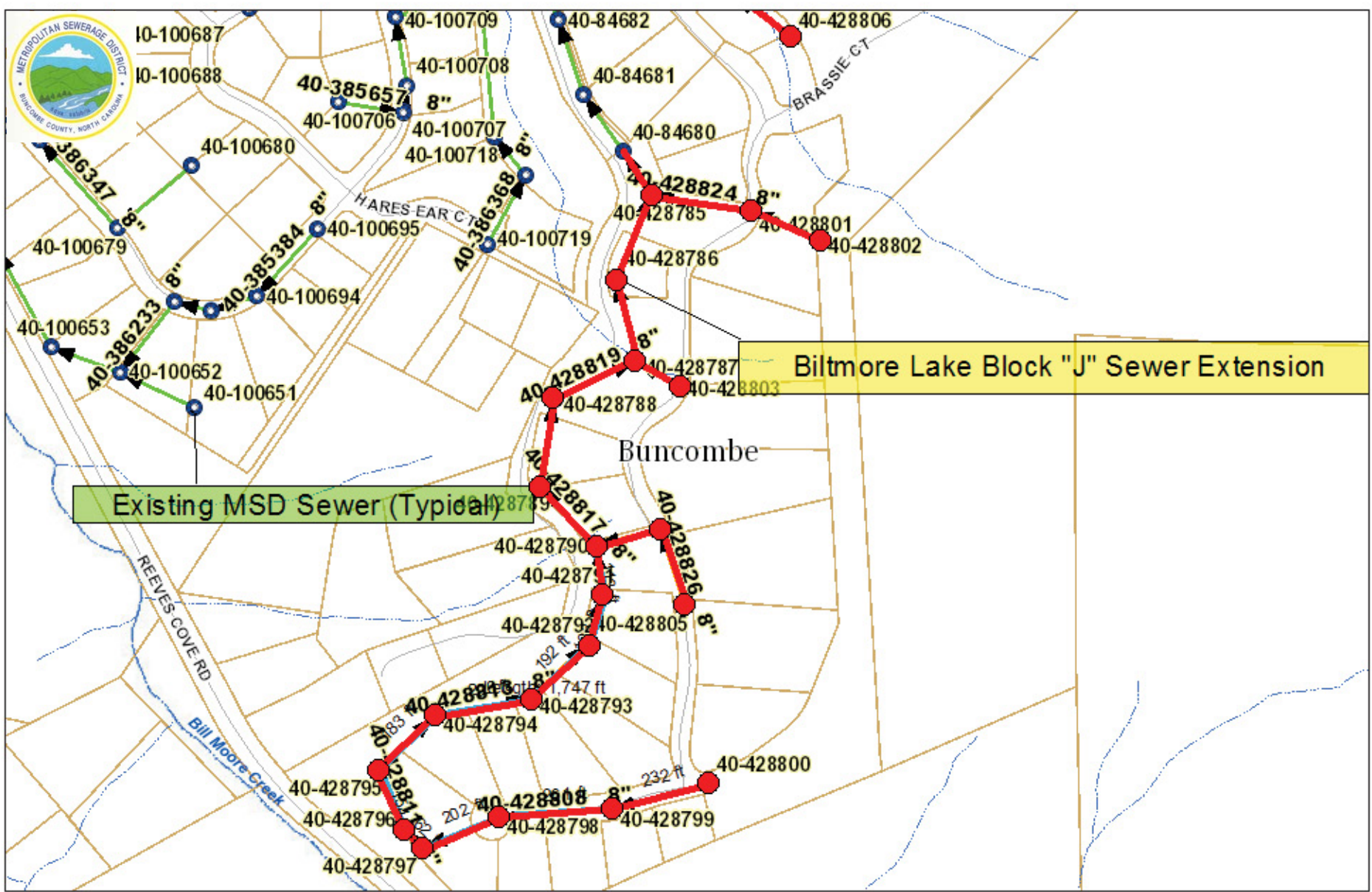
BACKGROUND: This project is located inside the District boundary off Reeves Cove Road in Buncombe County. The developer of the project is Lee Thomason of Biltmore Farms.

The project included extending approximately 3,990 linear feet of 8-inch public gravity sewer to serve the thirty-two (32) unit residential development.

A wastewater allocation was issued in the amount of 9600 GPD for the project. The estimated cost of the sewer construction is \$243,330.00.

All MSD requirements have been met.

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



Biltmore Lake Block "J" (MSD Project #2013013)

Author: KJ

1 in = 333 ft
Date: 6/4/2014

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: June 11, 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 Camp Dorothy Walls Sewer Extension Project.

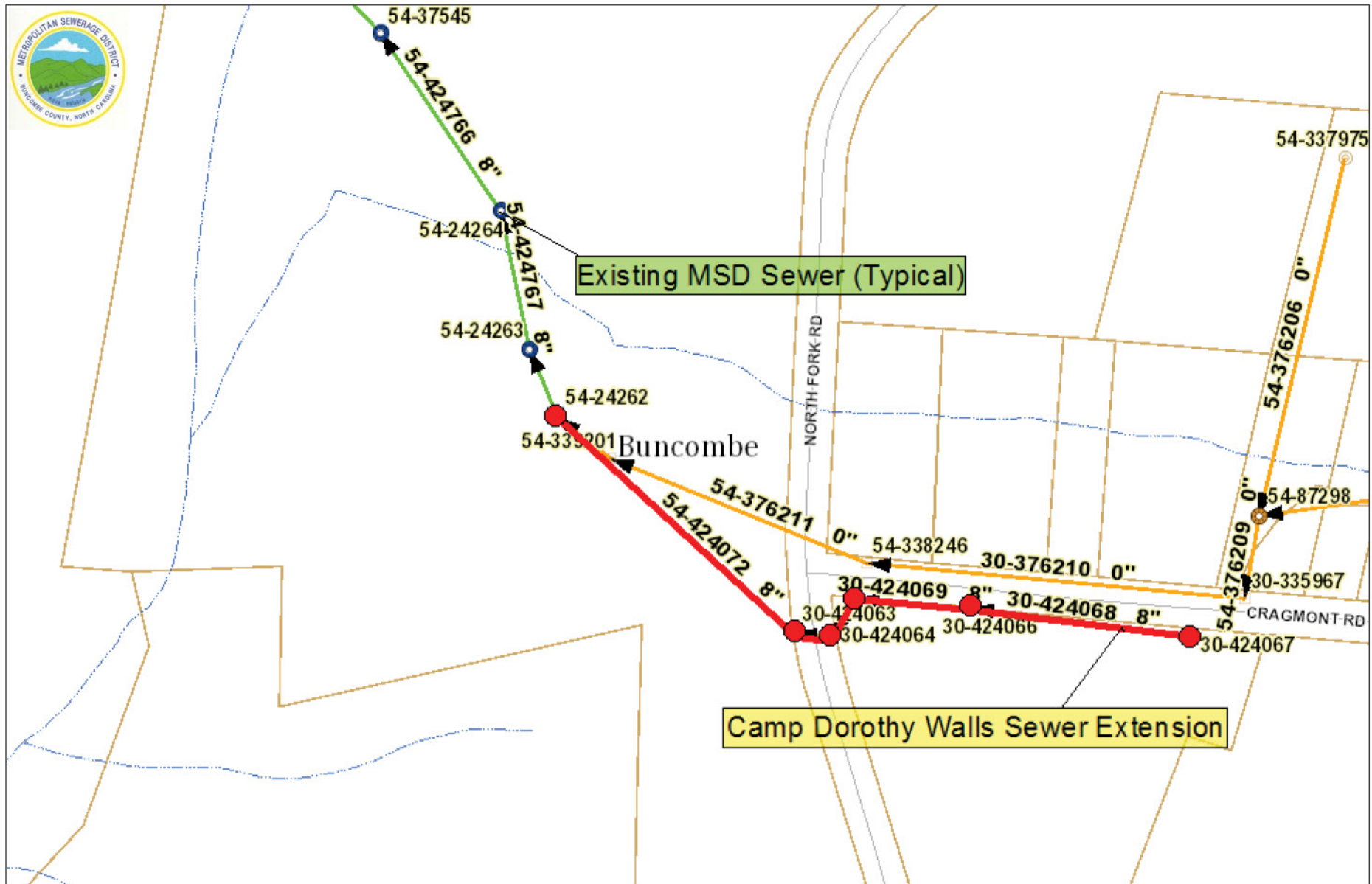
BACKGROUND: This project is located inside the District boundary off North Fork Road in Black Mountain. The developer of the project is Bishop George W. Walker of Camp Dorothy Walls Conference and Retreat Center.

The project included extending approximately 545 linear feet of 8-inch public gravity sewer to serve the commercial development.

A wastewater allocation was issued in the amount of 12000 GPD for the project. The estimated cost of the sewer construction is \$42,350.00.

All MSD requirements have been met.

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



Camp Dorothy Walls (MSD Project #2007294)

Author: KJ

1 in = 200 ft
Date: 6/4/2014

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Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: June 11, 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 Willow Creek Phase 3 Sewer Extension Project.

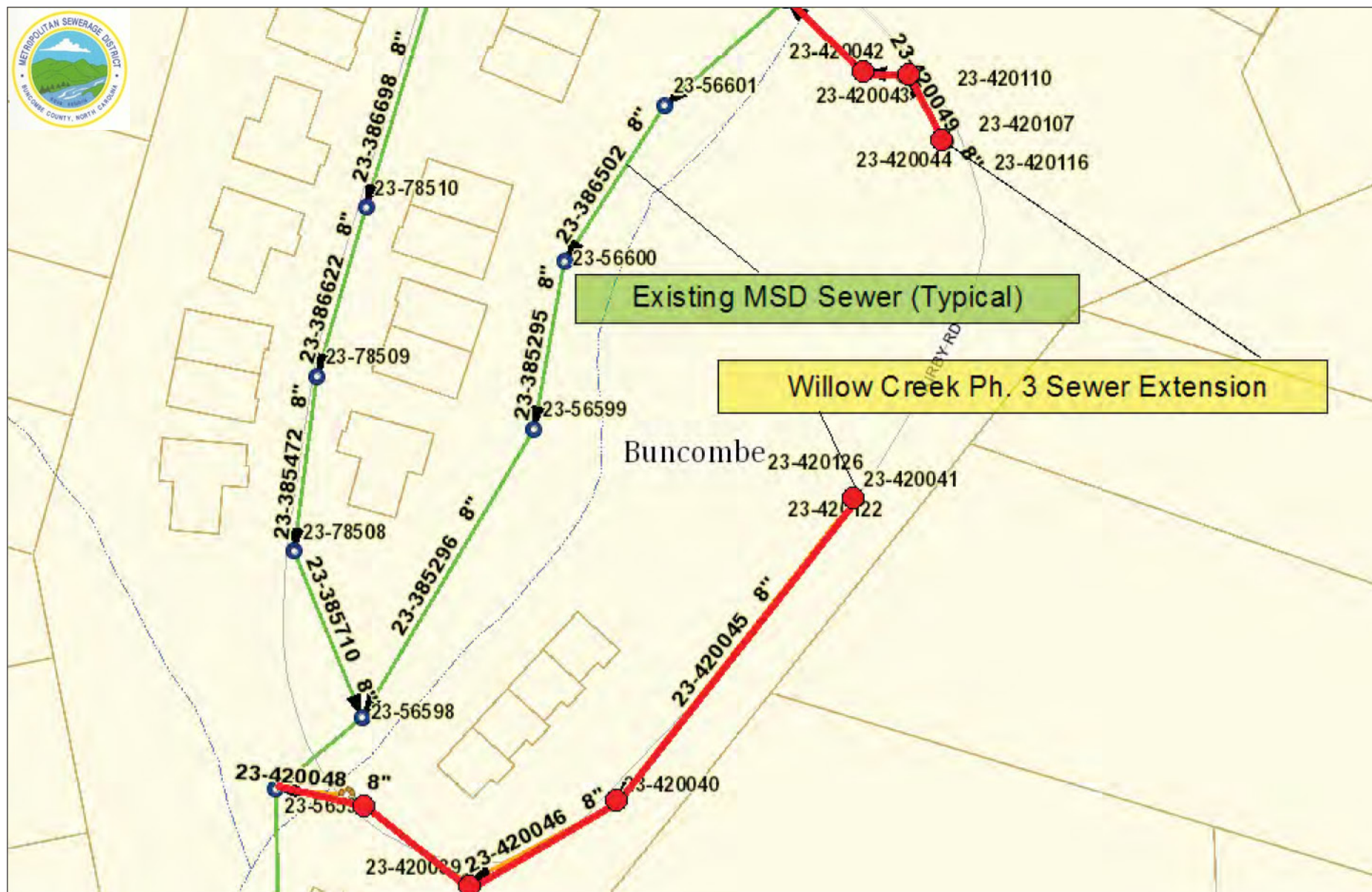
BACKGROUND: This project is located inside the District boundary on Kirby Road in the City of Asheville. The developer of the project is Dennis Hulsing.

The project included extending approximately 565 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 6000 GPD for the project. The estimated cost of the sewer construction is \$40,000.00.

All MSD requirements have been met.

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



Willow Creek Ph. 3 (MSD Project #2003110)

Author: KJ

1 in = 80 ft

Date: 6/4/2014

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 INFORMATIONAL ITEM

Meeting Date: June 11, 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 April 30, 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 April 30, 2014 were \$28,141,918. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.553%. These investments comply with North Carolina General Statutes, Board written investment policies, and the District's Bond Order.

The attached investment report represents cash and cash equivalents as of April 30, 2014 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of April 30, 2014 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$5,194,065.

Total Cash & Investments as of 04/30/2014		28,141,918
Less:		
Budgeted Commitments (Required to pay remaining FY14 budgeted expenditures from unrestricted cash)		
Construction Funds	(7,764,422)	
Operations & Maintenance Fund	(3,683,436)	
		(11,447,858)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(6,673)	
Remaining Principal & Interest Due	(6,537,320)	
		(6,543,993)
District Reserve Funds		
Fleet Replacement	(306,400)	
WWTP Replacement	(483,981)	
Maintenance Reserve	(913,156)	
		(1,703,537)
District Insurance Funds		
General Liability	(407,010)	
Worker's Compensation	(358,794)	
Post-Retirement Benefit	(1,248,688)	
Self-Funded Employee Medical	(1,237,973)	
		(3,252,465)
Designated for Capital Outlay		5,194,065

Staff Recommendation

None. Information Only.

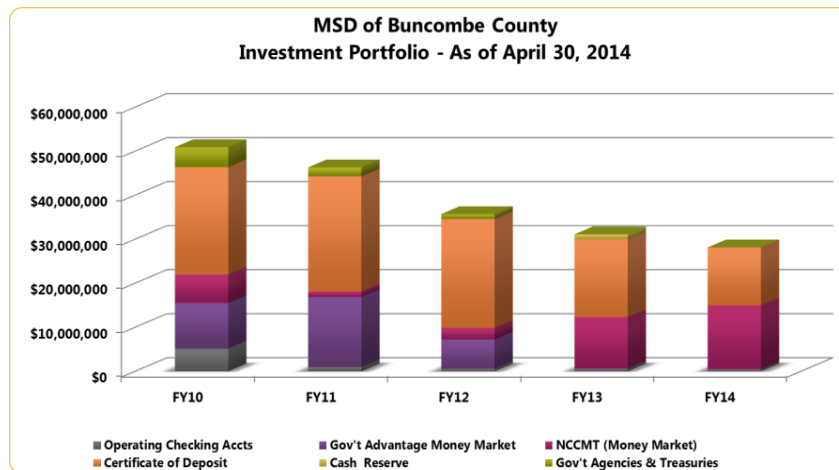
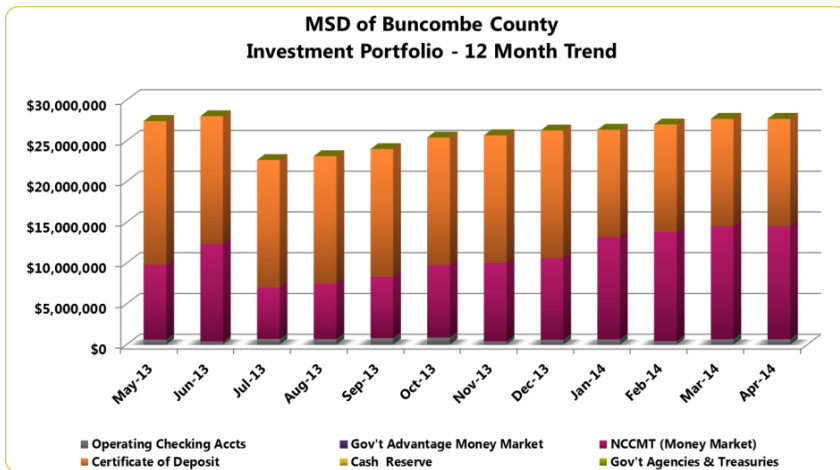
Action Taken

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	\$ -	\$ 2,531	\$ -	\$ 6,674
Held by MSD	419,464	46,658	14,512,031	13,157,091	-	-	28,135,244
	\$ 419,464	\$ 46,658	\$ 14,516,174	\$ 13,157,091	\$ 2,531	\$ -	\$ 28,141,918

<u>Investment Policy Asset Allocation</u>	<u>Maximum Percent</u>	<u>Actual Percent</u>	
U.S. Government Treasuries, Agencies and Instrumentalities	100%	0.01%	No significant changes in the investment portfolio as to makeup or total amount.
Bankers' Acceptances	20%	0.00%	
Certificates of Deposit	100%	46.75%	The District 's YTM of .54% is exceeding the YTM benchmarks of the 6 month T-Bill and NCCMT Cash Portfolio.
North Carolina Capital Management Trust	100%	51.58%	
Checking Accounts:	100%		All funds invested in CD's, operating checking accounts, Gov't Advantage money market are fully collateralized with the State Treasurer.
Operating Checking Accounts		1.49%	
Gov't Advantage Money Market		0.17%	



Board Meeting:

June 11, 2014

Subject:

Cash Commitment/Investment Report-Month Ended April 30, 2014

Page -3-

**METROPOLITAN SEWERAGE DISTRICT
INVESTMENT MANAGERS' REPORT
At April 30, 2014**

Summary of Asset Transactions

	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 25,530,210	\$ 25,530,210	\$ 384,843
Capital Contributed (Withdrawn)	712,553	712,553	
Realized Income	868	868	
Unrealized/Accrued Income		-	11,186
Ending Balance	\$ 26,243,631	\$ 26,243,631	\$ 396,029

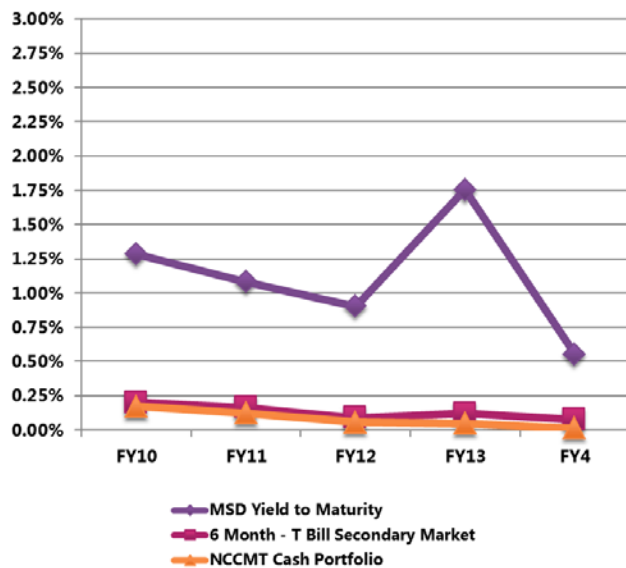
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 13,086,539	\$ 6,011
Securities/CD's 91 to 365 Days	13,157,091	\$ 6,043
Securities/CD's > 1 Year	-	\$ -
	\$ 26,243,631	\$ 12,054

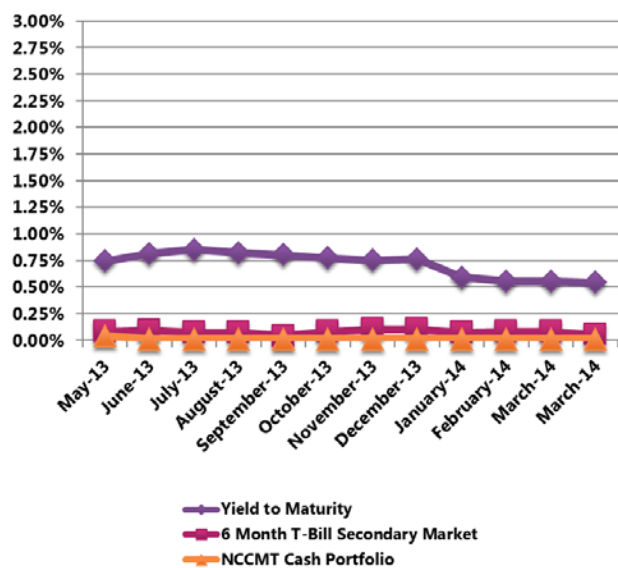
Month End Portfolio Information

Weighted Average Maturity	191
Yield to Maturity	0.54%
6 Month T-Bill Secondary Market	0.05%
NCCMT Cash Portfolio	0.01%

**Metropolitan Sewerage District
Annual Yield Comparison**



**Metropolitan Sewerage District
Yield Comparison - April 30, 2014**



Board Meeting:

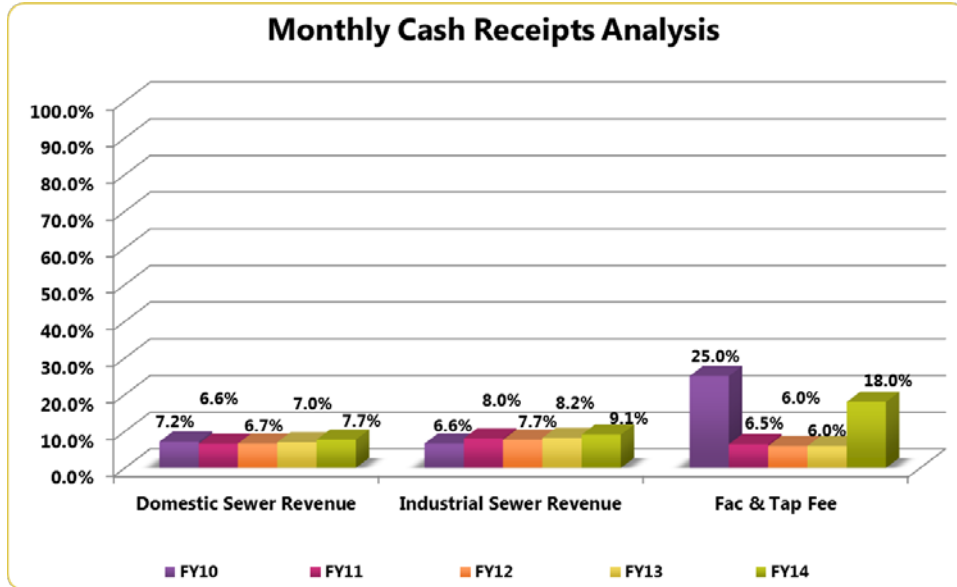
June 11, 2014

Subject:

Cash Commitment/Investment Report-Month Ended April 30, 2014

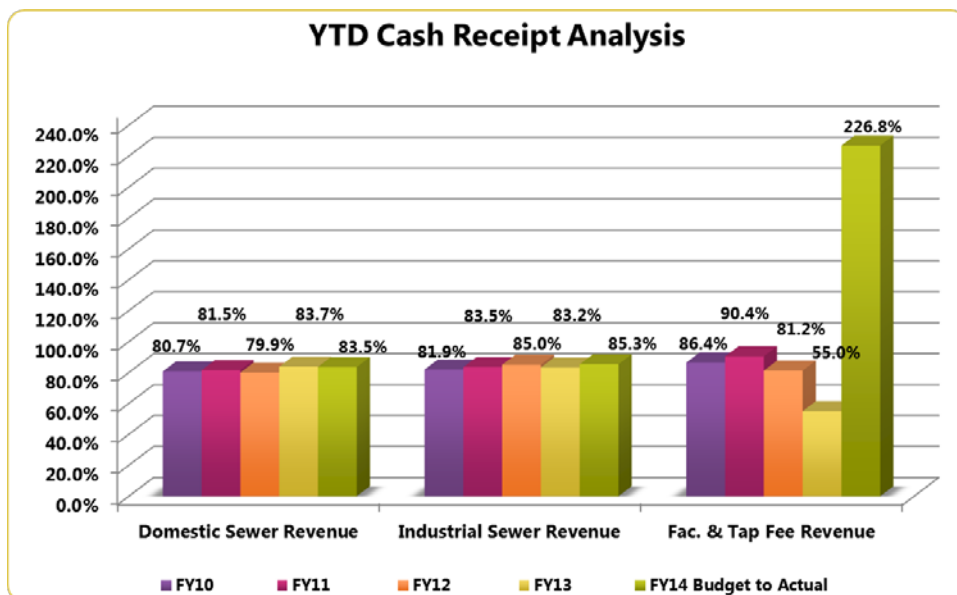
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**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF CASH RECEIPTS
As of April 30, 2014**



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:

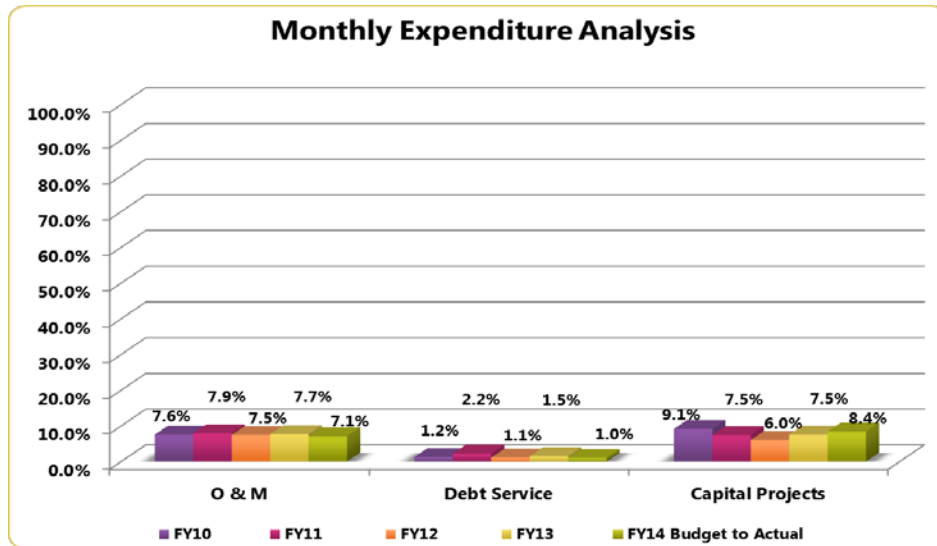
June 11, 2014

Subject:

Cash Commitment/Investment Report-Month Ended April 30, 2014

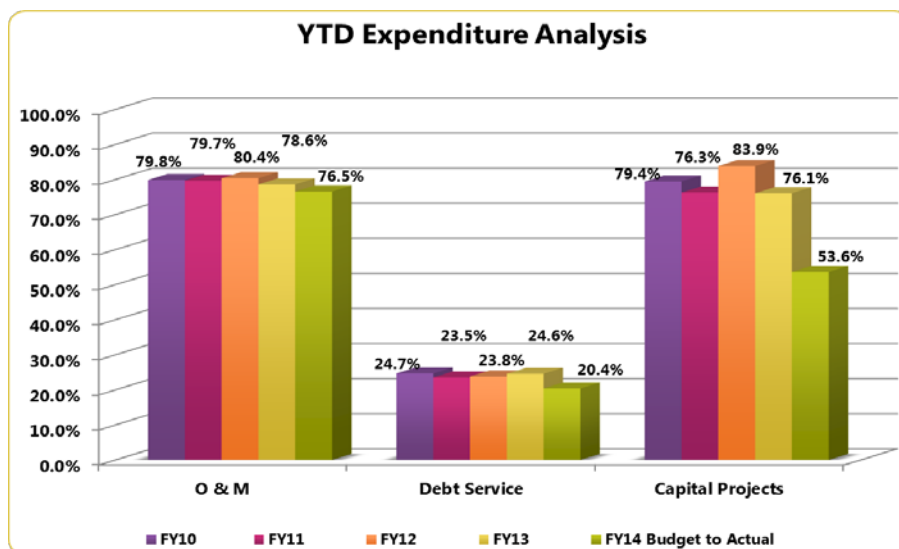
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**METROPOLITAN SEWERAGE DISTRICT
ANALYSIS OF EXPENDITURES
As of April 30, 2014**



Monthly Expenditure Analysis:

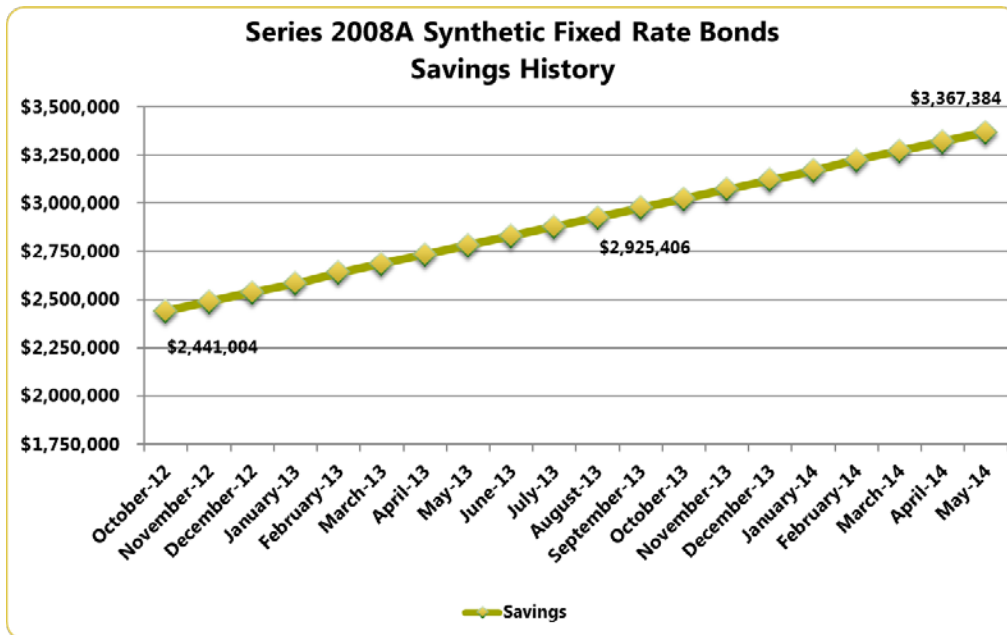
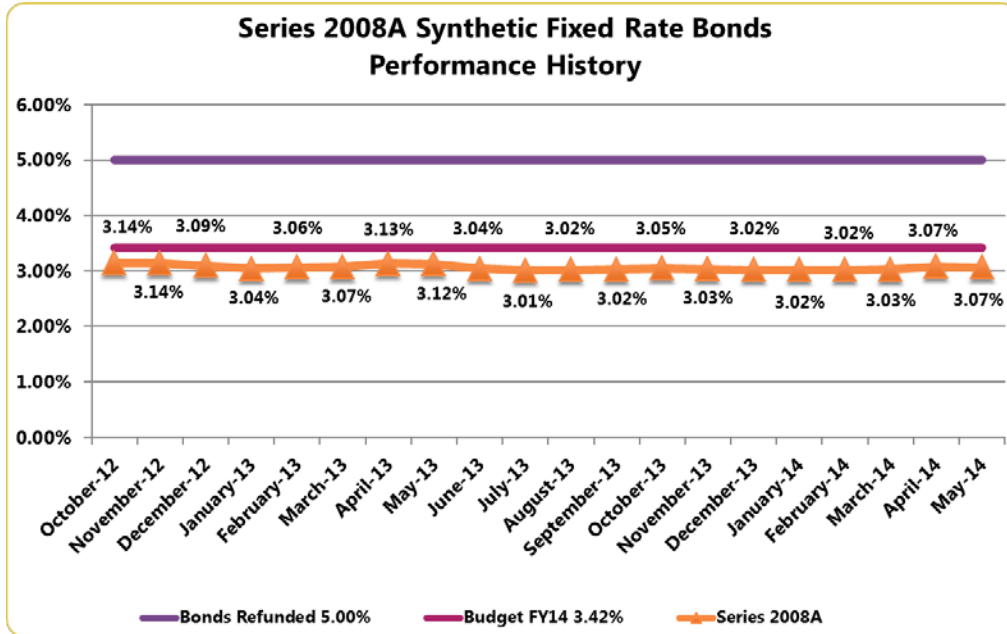
- ◆ Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- ◆ Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures 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 May 31, 2014**



Series 2008A:

- ✿ Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$3,367,384 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 \$4,349,046 to terminate the existing Bank of America Swap Agreement.

Metropolitan Sewerage District of Buncombe County BOARD ACTION ITEM

Meeting Date: June 11, 2014

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

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

Subject: Consideration of Resolution adopting the Proposed FY2015 Final Budget for and Schedule of Sewer Rates & Fees

Background

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

Please refer to the following link [FY2015 Proposed Final Budget](#). The Budget Message can be found on pages 1-7 (pdf pgs. 7-13) and the Budget Summary can be found on page 29 (pdf pg. 36).

Staff/Committee Recommendations

The Finance Committee/Staff recommends to the Board that the proposed FY2015 Final Budget, FY2015 Budget Resolution, and FY2015 Schedule of Sewer Rates and Fees be considered and adopted.

Action Taken

Motion by:

to

Approve

Disapprove

Second by:

Table

Send to Committee

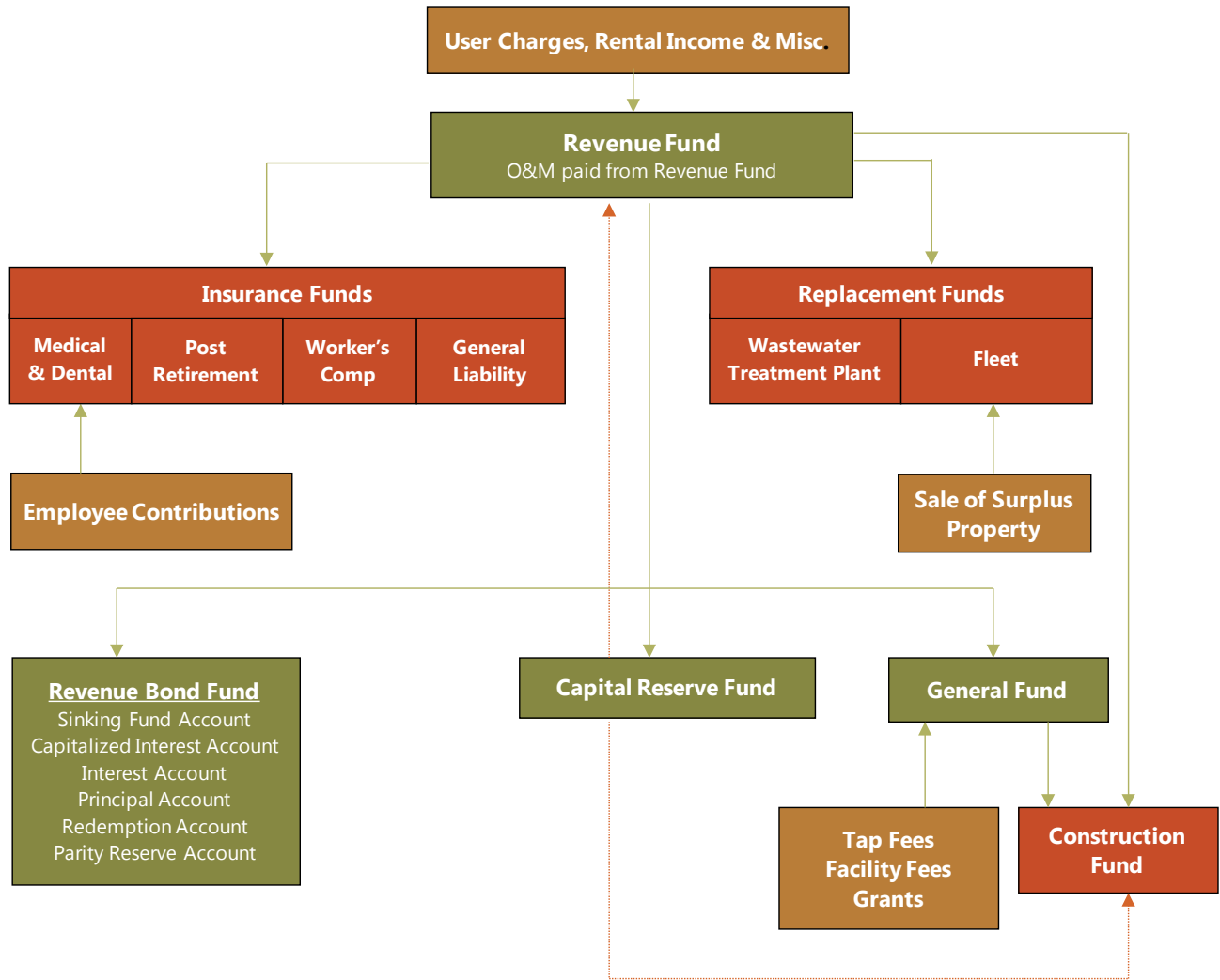
Other:

Follow-up required:

Person responsible:

Deadline:

Flow of Funds Chart



Priority of expenditures per Bond Order

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

	Income Sources
	Trustee Funds
	Expenditures

————— Flow of Funding

..... Flow of Funding if required for emergency repairs or maintenance

Resolution – Budget & Sewer Use Charges

**RESOLUTION ADOPTING FINAL BUDGET AND SEWER USE CHARGES
FOR THE
METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA
FOR THE FISCAL YEAR July 1, 2014 THRU June 30, 2015**

WHEREAS, the Board of Directors has reviewed the Operations and Maintenance, Bond, Reserves, and Construction Expenditures of the District and the sources of revenue and allocations (uses) of expenditures for the 2014-2015 fiscal year; and

NOW, THEREFORE, BE IT RESOLVED:

1. The following amounts are hereby appropriated in the Revenue Fund for the Operations and Maintenance of the District and for transfers to the debt service and general funds for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Operating and Maintenance Expenses	\$	12,063,220
Transfer to Insurance Accounts	\$	2,821,562
Transfer to Fleet Replacement Reserve	\$	400,000
Transfer to Wastewater Treatment Plant Reserve	\$	<u>100,000</u>
Subtotal O&M	\$	15,384,782
Transfer to Debt Service Fund	\$	10,389,488
Transfer to General Fund	\$	<u>9,265,885</u>
	\$	<u><u>35,040,155</u></u>

It is estimated that the following revenues will be available in the Revenue Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Domestic User Fees	\$	28,445,115
Industrial User Fees	\$	1,835,438
Billing and Collection Fees	\$	725,702
Investment Interest	\$	336,745
Reimbursement for Debt Service from COA	\$	37,000
Rental Income	\$	68,742
Appropriated Net Position	\$	<u>3,591,413</u>
	\$	<u><u>35,040,155</u></u>

Resolution – Budget & Sewer Use Charges

2. The following amounts are hereby appropriated in the General Fund for the transfers to the construction fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Transfer into Construction	\$	<u>12,046,060</u>
----------------------------	----	-------------------

It is estimated that the following revenues will be available in the General Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Facility and Tap Fees	\$	1,355,000
Investment Income	\$	5,000
Transfer from Revenue Fund	\$	9,265,885
Appropriated Net Position	\$	<u>1,420,175</u>
	\$	<u>12,046,060</u>

3. The following amounts are hereby appropriated in the Construction Fund for Capital Improvement Plan expenditures for the fiscal year beginning July 1, 2014 and ending June 30, 2015.

Capital Improvements Projects	\$	<u>22,760,555</u>
-------------------------------	----	-------------------

It is estimated that the following revenues will be available to the Construction Fund for the Fiscal year beginning July 1, 2014 and ending June 30, 2015.

Investment Income	\$	75,000
Transfer from General Fund	\$	12,046,060
Appropriated Net Position	\$	<u>10,639,495</u>
	\$	<u>22,760,555</u>

4. The following amounts are presented as the financial plan for the Internal Service Funds used to provide insurance services. Estimated operating expenditures for the fiscal year beginning July 1, 2014 and ending June 30, 2015 are:

Operating Expenditures	\$	<u>3,463,138</u>
------------------------	----	------------------

Resolution – Budget & Sewer Use Charges

It is estimated that the following revenues will be available in the Insurance Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Transfer in from the Revenue Fund	\$	2,821,562
Investment Income	\$	15,500
Employee/Retirees Medical Contributions	\$	417,800
Appropriated Net Position	\$	<u>208,276</u>
	\$	<u>3,463,138</u>

5. The following amounts are presented as the Financial Plan in the Fleet Replacement Fund for the Internal Service Fund serving as capital equipment expenditures for the fiscal year beginning July 1, 2014 and ending June 30, 2015 are estimated as follows:

Capital Equipment	\$	<u>269,550</u>
-------------------	----	----------------

It is estimated that the following revenues will be available in the Fleet Replacement Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Transfer in from the Revenue Fund	\$	400,000
Sale of Surplus Property	\$	35,803
Investment Income	\$	4,511
Contributions to Net Position	\$	<u>(170,764)</u>
	\$	<u>269,550</u>

6. The following amounts are presented as the Financial Plan in the Wastewater Treatment Plant Replacement Fund for the internal service fund designated as expenditures for the fiscal year beginning July 1, 2014 and ending June 30, 2015 are estimated as follows:

Capital Equipment	\$	<u>227,500</u>
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It is estimated that the following revenues will be available in the Wastewater Treatment Plant Replacement Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Transfer in from the Revenue Fund	\$	100,000
Investment Income	\$	4,409
Appropriated Net Position	\$	<u>123,091</u>
	\$	<u>227,500</u>

Resolution – Budget & Sewer Use Charges

7. The following amounts are hereby appropriated in the Debt Service Fund for principal and interest payments for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Debt Service	\$	<u>10,389,488</u>
--------------	----	-------------------

It is estimated that the following revenues will be available in the Debt Service Fund for the fiscal year beginning July 1, 2014 and ending June 30, 2015:

Transfer in from the Revenue Fund	\$	10,389,488
Investment Income	\$	50
Contributions to Net Position	\$	<u>(50)</u>
	\$	<u>10,389,488</u>

8. That the Board of the Metropolitan Sewerage District does hereby approve an increase in the Budgets to the amount necessary to reflect any contributions to the Debt Service Reserve Fund or Capital Reserve Fund as determined by the Bond Trustee to be necessary to comply with covenants in the Bond Order.
9. The General Manager is hereby authorized to transfer appropriations as contained herein under the following conditions:
- a. He may transfer amounts without limitation between departments in a fund.
 - b. He may transfer any amounts within debt service and reserve funds designated as excess by the Trustee into another fund.
10. That the attached schedule of fees and charges be adopted as effective July 1, 2014.
11. That this resolution shall be entered in the minutes of the District and within five (5) days after its adoption, copies thereof are ordered to be filed with the Finance and Budget Officer and Secretary of the Board as required by G.S. 159-13 (d).

Adopted this 11th day of June, 2014

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

Attest:

Jackie Bryson
Secretary/Treasurer

Schedule of Rates & Fees – FY2015

	ADOPTED FY14 RATE	PROPOSED FY15 RATE
Collection Treatment Charge		
Residential & Commercial Volume Charges (per CCF) Inside	\$ 4.08	\$ 4.18
Industrial Volume Charges (per CCF) Inside	\$ 3.195	\$ 3.439
Industrial Surcharge for BOD (per lb., BOD >220 mg/l) Inside	\$ 0.341	\$ 0.334
Industrial Surcharge for TSS (per lb., TSS >220 mg/l) Inside	\$ 0.267	\$ 0.264
Residential & Commercial Volume Charges (per CCF) Outside	\$ 4.09	\$ 4.19
Industrial Volume Charges (per CCF) Outside	\$ 3.205	\$ 3.449
Industrial Surcharge for BOD (per lb., BOD >220 mg/l) Outside	\$ 0.341	\$ 0.334
Industrial Surcharge for TSS (per lb., TSS >220 mg/l) Outside	\$ 0.267	\$ 0.264
Base Meter/Maintenance Charge & Billing Fee		
5/8"	\$ 6.28	\$ 6.44
3/4"	\$ 9.15	\$ 9.38
1"	\$ 16.22	\$ 16.63
1 1/2"	\$ 37.15	\$ 38.08
2"	\$ 65.71	\$ 67.35
3"	\$ 145.73	\$ 149.37
4"	\$ 260.04	\$ 266.54
6"	\$ 585.79	\$ 600.43
8"	\$ 1,040.15	\$ 1,066.15
10"	\$ 1,628.80	\$ 1,669.52
Billing Fee (per bill)	\$ 2.25	\$ 2.29
Sewer Facility Fees		
Residential		
Per Unit (non-mobile home)	\$ 2,500	\$ 2,500.00
Mobile Home	\$ 1,740	\$ 1,740.00
Affordable Housing	\$ 670	\$ 670.00
Nonresidential (modifiable per economic development waiver)		
5/8"	\$ 2,500	\$ 2,500.00
3/4"	\$ 2,830	\$ 2,830.00
1"	\$ 5,560	\$ 5,560.00
1 1/2"	\$ 11,350	\$ 11,350.00
2"	\$ 20,000	\$ 20,000.00
3"	\$ 45,000	\$ 45,000.00
4"	\$ 87,500	\$ 87,500.00
6"	\$ 225,400	\$ 225,400.00
8"	\$ 237,500	\$ 237,500.00
Additions < 1,400 GPD	\$ 870	\$ 870.00
Additions over 1,400 GPD	Based on flow rate & meter size	Based on flow rate & meter size

Schedule of Rates & Fees - FY2015

	ADOPTED FY14 RATE	PROPOSED FY15 RATE
Sewer Tap Fees		
Tap installed by MSD	\$ 650	\$ 650.00
Additional Charge for Pavement Disturbance	\$ 2,200	\$ 2,200.00
Additional Charge for Boring	N/A	N/A
Refund if Boring avoids pavement disturbance	\$ (1,300)	\$ (1,300.00)
Inspection Fee for Developer-Installed Tap	\$ 140	\$ 140.00
Manhole Installation/Replacement		
Cost per foot	\$ 250	\$ 250.00
Pavement replacement (if required)	\$ 1,800	\$ 1,800.00
Other Fees		
Allocation Fee	\$ 170	\$ 170.00
Non-Discharge Permit	\$ 200	\$ 200.00
Plan Review Fee	\$ 450	\$ 450.00
Plan re-review Fee	\$ 350	\$ 350.00
Final Inspection	\$ 350	\$ 350.00
Pump Station Acceptance Fee	Note 1	Note 1
Note 1 --See policy for details of computation of O&M and equipment replacement costs for upcoming 20 years; 50% discount for affordable housing		
Bulk Charges		
Volume Charge for Septic Haulers (per 1000 Gal.)	\$ 45.00	\$ 45.00
Biochemical Oxygen Demand >220 mg/l (per lb.)	\$ 0.341	\$ 0.334
Total Suspended Solids >220 mg/l (per lb.)	\$ 0.267	\$ 0.264
Returned Check Charge		
Returned Check (per event)	\$ 25.00	\$ 25.00
Dishonored Draft (per event)	\$ 25.00	\$ 25.00
Copy/Printing Fees/Miscellaneous (each)		
8x11 first print of standard GIS inquiry	\$ 1.00	\$ 1.00
8x14 first print of standard GIS inquiry	\$ 1.00	\$ 1.00
11x17 first print of standard GIS inquiry	\$ 2.00	\$ 2.00
24x36 first print of standard GIS inquiry	\$ 7.00	\$ 7.00
34x44 first print of standard GIS inquiry	\$ 12.00	\$ 12.00
36x48 first print of standard GIS inquiry	\$ 14.00	\$ 14.00
8x11 or 8x14 copies after first print	\$ 0.11	\$ 0.11
11x17 copies after first print	\$ 0.20	\$ 0.20
24x36 copies after first print	\$ 0.94	\$ 0.94
34x44 copies after first print	\$ 1.76	\$ 1.76
36x48 copies after first print	\$ 2.03	\$ 2.03
Foam Core mounting per sq. foot	\$ 3.00	\$ 3.00
Data CD	\$ 30.00	\$ 30.00
Shipping for CD	\$ 5.00	\$ 5.00
Permit Decals for Septic Haulers	\$ 50.00	\$ 50.00

STATUS REPORTS

**MSD System Services In-House Construction
FY 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 SanitarySewer 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	Sewer Work Complete - will be contracting out the pavement restoration
Westwood Place	480	6/6/14 - 7/10/14	433546	667			construction schrduled to begin June 12, 2014.
Shiloh Road (P/N 2012137)	369	6/6/14 - 6/20/14	456294	631			ready for construction
995 West Chapel Rd	100	6/23/14 - 6/25/14	211782	631			ready for construction



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2013 to 4/30/2014

	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
Grand Totals	350	122	1,881	6,939	298	180	31,105	485	1433	11302	100	1,807	15027

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2013 to April 30, 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	33,272	2,080	12,186
August	60,003	1,509	5,763	65,741	37,017	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
Grand Total:	597,012	24,718	59,940	656,501	304,241	85,354	120,725
Avg Per Month:	59,701	2,472	5,994	65,650	30,424	8,535	12,073



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
		1,069	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
		295	30	30
ON-CALL CREW *				
	July, 2013	79	52	35
	August, 2013	42	62	48
	September, 2013	30	49	43
	October, 2013	35	48	53
	November, 2013	35	36	47
	December, 2013	71	36	56

* 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 *				
	January, 2014	67	62	41
	February, 2014	65	54	44
	March, 2014	52	50	37
	April, 2014	68	54	39
		544	51	44
Grand Totals:		1,908	36	40

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

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

June 4, 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 is scheduled to bid on June 26th.
BROOKCLIFF DRIVE (PRP 59001)	Buckeye Construction	10/16/2013	11/4/2013	5/16/2014	\$360,132.50	100%	Project complete and in close out.
EAST STATE STREET @ WEST STREET	TBD	TBD	TBD	TBD	TBD	0%	Project was bid on May 22nd. Davis Grading, Inc. is the apparent low bidder. Project will be presented at the June 11th board meeting.
FOREST RIDGE ROAD	Dillard Excavating Company	2/19/2014	3/10/2014	7/30/2014	\$588,115.00	68%	Mainline has been installed to MH #13.
INDIANA AVENUE	Moorhead Construction	3/19/2014	4/1/2014	7/30/2014	\$413,313.20	51%	Mainline has been installed to MH #8.
MACON AVENUE @ SUNSET PARKWAY	Terry Brothers	1/15/2014	3/1/2014	6/29/2014	\$757,688.00	20%	Mainline construction has progressed to Bond Street. Pipe bursting has begun and project is progressing well.
MERRIMON AVENUE @ STRATFORD ROAD	Terry Brothers	9/18/2013	12/16/2013	8/31/2014	\$885,849.00	20%	Rock bore at Elkwood Ave. has been difficult due to hard rock conditions, and will go to hand-mining to complete. Remainder of project cannot be completed until after bore is finished, due to flat grades.
MOUNT VERNON PLACE, PHASE 2	TBD	TBD	TBD	TBD	TBD	0%	Project was scheduled to bid on May 22nd. Only 2 bids were received; project was re-bid on May 30th. Terry Brothers Construction Company is the apparent low bidder. Project will be presented at the June 11th board meeting.
OLD US 70 @ GROVEMONT AVENUE	Buckeye Construction	10/16/2013	11/18/2013	6/15/2014	\$729,740.90	95%	All mainline construction is complete. Clean up and some concrete work yet to be done.
SYCAMORE TERRACE (PRP 34012)	Terry Brothers	1/15/2014	2/20/2014	6/20/2014	\$638,350.00	85%	All mainline construction is complete. Contractor is working on clean up and restoration. Final paving is yet to be done.
WRF - ELECTRICAL IMPROVEMENTS	Haynes Electric	8/15/2012	9/10/2012	3/28/2014	\$1,061,900.00	99%	Final commissioning underway. Completion expected June 2014.
WRF - SLIDE GATE REPLACEMENT	NHM Constructors	9/18/2013	10/7/2013	7/15/2014	\$288,924.00	55%	Project progressing slowly due to difficult conditions in the existing channels. By 6/6/14, 22 of 31 gates will have been replaced. Two gates will require manufacturing changes due to conditions unknown at the time of design.

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

Planning & Development Project Status Report

June 11, 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
Burk Street Cottages	2012115	Asheville	27	631	10/24/2013	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
Eagle Sewer Extension	2011077	Asheville	2	45	9/4/2013	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
Gorilla Carwash - Weaverville	2013109	Weaverville	Comm.	236	11/15/2013	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

June 11, 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		Weaverville	Comm.	110	5/12/2014	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

TOTAL			2,511	77,934		
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