

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
October 19, 2016

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 and called to order at 2:01 pm Wednesday, October 19, 2016. In Chairman VeHaun's absence, Vice-Chairman Kelly presided with the following members present: Ashley, Belcher, Bryson, Collins, Frost, Manheimer, Pelly, Root and Wisler.

Others present were: Thomas E. Hartye, PE, General Manager; William Clarke, General Counsel; Forrest Westall with McGill Associates; Rachel McGraw-Burgess with Woodfin Sanitary Water and Sewer District; Ed Bradford, Scott Powell, Jim Hemphill, Peter Weed, Mike Stamey, Ken Stines, Julie Willingham and Pam Nolan, MSD.

2. Inquiry as to Conflict of Interest:

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

3. Approval of Minutes of the September 21, 2016 Board Meeting:

Mr. Kelly asked if there were any changes to the Minutes of the September 21, 2016 Board Meeting. Ms. Wisler moved for approval of the minutes as presented. Ms. Frost seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

Mr. Kelly welcomed Rachel McGraw-Burgess with Woodfin Sanitary Water and Sewer District. There was no discussion or public comment.

6. Report of General Manager:

Mr. Hartye reported that the Treatment Plant once again received the Gold Peak Performance Award from NACWA for consistent treatment and permit compliance for 2015. Congratulations to Peter Weed and all of the Treatment Plant employees.

Mr. Hartye reported that Bill Dunhour of Blackwood Road called to compliment Roy Lytle and Billy Cantrell who came out on Wednesday and saved him about \$5,000 by finding a new sewer route and did a magnificent job. Mr. Dunhour stated that his yard looks better than ever. Emma with Mosaic Group at 160 Royal Pines Drive called to express her appreciation for the customer service provided by Wayne Rice. The United Way Golf

Tourney had around 56 players this year with the winning team shooting 16 and under. All hole sponsors were filled and they raised about \$5,400.00 for the United Way. Thanks to Owen Herbert, one of MSD's young engineers, for heading up the effort.

Mr. Hartye reported the next regular Board Meeting will be held on November 16th at 2 pm. The October Right of Way Committee meeting is cancelled. The next Right of Way Committee meeting will be held on November 23rd at 9am.

7. Consolidated Motion Agenda:

a. Consideration of Developer Constructed Sewer Systems: Creekside Village Phase II; The Dilworth Apartments; Little Flat Creek – Red Maple; McKinley Avenue; Montreat College Sports Complex; 339 Old Lyman Street; The Ramble Block “E”:

Mr. Hartye reported that the Creekside Village Phase II project is located at the intersection of Aiken Road and Merrimon Avenue in the Town of Weaverville. This project included extending approximately 2,046 linear feet of 8-inch public gravity sewer to serve this phase of residential development consisting of 38 single family homes.

Mr. Hartye reported that the Dilworth Apartments project is located at Brevard Road in Buncombe County. This project included extending approximately 950 linear feet of 8-inch public gravity sewer to serve the 168 unit apartment complex.

Mr. Hartye reported that the Little Flat Creek – Red Maple Subdivision project is located at the intersection of North Buncombe School Road and Evening Shade Drive in Buncombe County. This phase of private collection system consists of approximately 902 linear feet of 8-inch gravity sewer.

Mr. Hartye reported that the McKinley Avenue project is located in the City of Asheville. This project included extending approximately 236 linear feet of 8-inch public gravity sewer to serve the 10 unit single family residential development.

Mr. Hartye reported the Montreat College Sports Complex is located in the Town of Montreat. This project included extending approximately 625 linear feet of 8-inch public gravity sewer to serve a sports complex at the college.

Mr. Hartye reported the 339 Old Lyman Street project is located in the City of Asheville. This project included extending over 1,000 linear feet of 8-inch public gravity sewer to serve the 9 unit commercial development.

Mr. Hartye reported that the final project under the Developer Constructed Sewer Systems is Ramble Block "E" and is located in Buncombe County. This project included extending approximately 1,358 linear feet of 8-inch public gravity sewer to serve the 22 unit single family residential development.

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

b. Avadim Technologies Informational Item:

Mr. Hartye reported that Avadim Technologies will construct its new headquarters in the Black Mountain Commerce Park. MSD staff has spent considerable time with the Chamber of Commerce and assisting staff at the Asheville-Buncombe County Economic Development Coalition with applications for grant funding. Over the next five years, this facility is expected to create 551 new jobs in Buncombe County and will invest over \$25 million in capital funds. The cost of water and sewer infrastructure necessary for this facility is estimated at \$1.9 million. He stated that MSD adopted a policy for new companies in which if they employ over 200 employees and meet certain conditions, MSD will waive its facility fee. This could save Avadim substantial funds. This item is provided for information only.

c. Consideration of Procurement of new Vactor Truck:

Mr. Hartye reported that the District's policy is to evaluate annually the condition of fleet vehicles based on age, mileage, hours on equipment and repair costs. At the March 10, 2016 Fleet Replacement Committee meeting, the members recommended the purchase of one new Vactor replacement. This truck will replace a truck purchased in 2005, which has been in the District's fleet for over 11 years and has cleaned 3 million feet of sewerline. The District, as a local government, is allowed to purchase from suppliers who are selected through a group purchasing program that is a "formally organized program that offers competitively obtained purchasing (products or) services at discount prices to two or more public agencies". NJPA, National Joint Powers Alliance, is one such purchasing program. Vactor Manufacturing was awarded a contract under the NJPA cooperative. Public Works Equipment is the Vactor authorized distributor. The total cost per the NJPA contract will be \$376,112.00 offering a savings to the District of over \$30,000.00. Staff recommends that the bid be awarded to Public Works Equipment in the amount of \$376,112.00.

d. Cash Commitment/Investment Report Month ended August, 2016:

Mr. Powell reported that Page 28 presents the makeup of the District's Investment Portfolio. There has not been a significant change in the makeup of the portfolio from the previous month. Page 29 presents the

MSD investment managers report for the month of August. The weighted average maturity of the investment portfolio is 178 days. The yield to maturity is .72% and exceeds our bench mark of 6 month T-Bill and North Carolina Capital Management Trust cash portfolio. Page 30 presents an analysis of the District's cash receipts. Monthly and YTD Domestic sewer and Industrial revenue is considered reasonable based on timing of cash receipts and historical trends. Facility and Tap Fees are considered reasonable taking into account the unpredictability of cash receipts. Page 31 is an analysis of the District's Expenditures. Monthly and YTD expenditures are considered reasonable based on historical trends. Page 32 presents the MSD Variable Debt Service report. The 2008A Series bond is performing better than budgeted expectations. As of the end of September both issues have saved the District rate payers approximately \$4.7 million in debt service since April, 2008. There were no questions pertaining to this item.

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

8. Old Business:

None

9. New Business:

None

10. Adjournment:

With no further business, Mr. Kelly called for adjournment at 2:13 pm.


Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 10/19/16

✓	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 September 21, 2016 Board Meeting	VeHaun	2:10	
	03. Discussion and Adjustment of Agenda.	VeHaun	2:15	
	04. Informal Discussion and Public Comment	VeHaun	2:20	
	05. Report of General Manager	Hartye	2:25	
	06. Consolidated Motion Agenda		2:40	
	a. Consideration of Developer Constructed Sewer Systems: Creekside Village Phase II ; The Dilworth Apartments ; Little Flat Creek – Red Maple ; McKinley Avenue ; Montreat College Sports Complex ; 339 Old Lyman Street ; The Ramble Block “E”	Hartye		
	b. Informational Item – Avadim Technologies	Hartye		
	c. Consideration of Procurement – New Vactor Truck	Hartye		
	d. Cash Commitment/Investment Report Month Ended August, 2016.	Powell		
	07. Old Business:	VeHaun	3:00	
	08. New Business:	VeHaun	3:15	
	09. Adjournment: (Next Meeting 11/16/16)	VeHaun	3:25	
	STATUS REPORTS			

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT

September 21, 2016

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration building at 2pm Wednesday, September 21, 2016. Chairman VeHaun presided with the following members present: Ashley, Belcher, Bryson, Creighton, Frost, Kelly, Manheimer, Pelly, Root and Wisler.

Others present were: Thomas E. Hartye, PE, General Manager; William Clarke, General Counsel; Ed Bradford, Scott Powell, Hunter Carson, Matthew Walter, Jim Hemphill, Peter Weed, Mike Stamey, Ken Stines and Pam Nolan, MSD.

2. Inquiry as to Conflict of Interest:

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

3. Approval of Minutes of the August 17, 2016 Board Meeting:

Mr. Vahaun asked if there were any changes to the Minutes of the August 17, 2016 Board Meeting. Ms. Frost moved for approval of the minutes as presented. Mr. Pelly seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

There was no discussion or public comment.

6. Report of General Manager:

Mr. Hartye thanked Lisa Tolley and Julie Willingham for handling the carpet and chair replacement in the Boardroom. He reported on a letter from the NC Department of Labor with an attached Certificate of Safety Achievement to the District. Congratulations to all employees at the District and to Dan Waugh and Sandra Moore for heading up our effort.

Mr. Hartye reported the following Department Accomplishments for Fiscal Year 2016:

The Engineering Division administered a Capital Improvement Program budget of \$21.8 Million with in-house personnel; continued implementation of a new web-based paperless permitting system for Planning & Development; actively managed 128 projects/line items within the capital program; rehabilitated 42,675 linear feet of collection system

Minutes

September 21, 2016

Page Two

lines using a combination of in-house forces and contracted work; completed the design of the Plant Headworks project, which will be going out soon for construction; and completed construction of the Incinerator System Emissions Upgrades Project. Planning and Development had \$6,357,554.00 Million in allocation, facility and tap fees and 43,616 linear feet of line transferred to the District.

The System Services Division achieved an average response time of 31 minutes to customer service requests during regular working hours; an average response time of 37 minutes to customer service requests for after hours; and cleaned just short of 700,000 linear feet of mainline with in-house preventative maintenance crews.

The Construction Division crews accomplished 20,084 linear feet of pipeline rehabilitation through dig and replace and trenchless construction methods; utilized trenchless methods of boring, pipe reaming and infrastructure repair to save just under 4,000 linear feet of asphalt pavement; and responded to 519 emergency and scheduled construction repairs resulting in 10,169 linear feet of pipeline repairs. There were numerous emergency creek crossing and stream bank restoration projects this year related to heavy storms.

The Information Technology Division completed a new Permits Licensing and Land (PPL) module on Cityworks for Engineering that allows MSD customers to request service on-line through a new public portal; implemented the Freeance Mobile for CityWorks on iPads for offsite field operations; produced a GIS layer capturing changes in parcel ownership and boundaries for assistance in tracking right-of-way transfers; performed some training and supervision of Cane Creek Water and Sewer District staff to update their sewer GIS layer; and developed a clickable GIS data layer of scanned as-builts from which a user can quickly view as-built plans and see past projects.

The Finance Division received a credit upgrade from Moody's Investor Service from Aa2 to Aa1 and received the GFOA "Excellence in Financial Reporting" and "Distinguished Budget" awards.

The Wastewater Treatment Plant received the "Gold Peak Performance Award" for the fifteenth consecutive year acknowledging Treatment Plant compliance; using new technology with the incinerator project, MSD became the first in North Carolina to demonstrate compliance with all new permitting limits while saving customers over \$5 million from conventional methods; and replaced an additional ten failed RBC's, which are our main treatment units at the plant, 30 units have now been replaced, saving about \$2.8 million over replacing with new units which are direct drive units as opposed to air drive units. Mr. Hartye stated that locating and using the salvaged units saved the District a lot of money and he appreciates Peter Weed's efforts in that. The Field Operations Section of the Wastewater

Treatment Plant inspected 19 significant industrial users; inspected over 900 food service establishments for compliance with the District's grease program; and upgraded Weaverville #1 Pump Station with a third stand-by pump.

Human Resources change of Pharmacy Benefit Manager to CIGNA achieved approximately 15% savings; they continued on-site Mission Hospital staff treating chronic conditions using the Asheville Project model; and provided educational and financial trainings for employees including Social Security options, 401k/457, Medicare, etc. Environmental Health & Safety rewrote the Employee Safety Manual; continued ISO certification program; completed the next phase of Arc Flash study and marked equipment per National Fire Protection Association.

Mr. Hartye stated these were just a few of the highlights of the many accomplishments that he wanted to make the Board aware of. With no questions, Mr. Hartye continued with his regular report.

Mr. Hartye reported that Nancy Hines of Robinhood Road (who represents the property owners along the Asheville Country Club golf course) sent several e-mails expressing her appreciation for both Randy Norton and Shaun Armistead for their work on the project. Al Chubb of Crest Mountain Drive called to let us know how much he appreciated the crew that relocated his tap, he stated "they were polite, very professional, and worked hard. They took about 10 minutes for lunch and got right back at it – what fine employees MSD has." Thanks to McKinley Hensley, Eric Bryant, Carl Ellington, Josh Matthews and Brandon Flynn.

Mr. Hartye reported the next regular Board Meeting will be held on October 19th at 2 pm. The September Right of Way Committee meeting is cancelled. The next Right of Way Committee meeting will be held on October 26th at 9am. The District's annual United Way Golf Tournament is Thursday, September 29, 2016 at 9 am at the Grove Park Inn golf course, if anyone is interested please see Owen Herbert.

7. Report of Committees:

Right of Way Committee:

Mr. Kelly reported the Right of Way Committee met August 24, 2016 to consider Compensation Budgets for Meadowbrook Drive GSR and Mountain View Road GSR projects and Condemnations on the Asheville Country Club GSR project, which are included in the Consolidated Motion Agenda.

8. Consolidated Motion Agenda:

a. Consideration of Developer Constructed Sewer Systems: Biltmore Lake Block 1; Bojangles @ Smokey Park; 200 Technology Drive; Audubon Phase 2; Evolve Mountain View; Hawthorne Turtle Creek Reems Creek Master Plan Interceptor Phase II:

Mr. Hartye reported that the Country Inn & Suites project is located at Westgate Shopping Center in the City of Asheville. This project included relocating approximately 60 linear feet of 8-inch public gravity sewer and relocating approximately 145 linear feet of 8-inch public gravity sewer to serve the new hotel and shopping center. Approximately 85 linear feet of 6-inch public sewer was abandoned.

Mr. Hartye reported that the Roberts Farm Phase 1A project is located off Byrd Road in the Town of Black Mountain. This project included extending approximately 775 linear feet of 8-inch public gravity sewer to serve fifteen single family homes and two multi-family units.

Mr. Hartye reported that the Telco Credit Union – Weaverville project is located at Northridge Commons in the Town of Weaverville. This project included extending approximately 116 linear feet of 8-inch public gravity sewer to serve the credit union.

Mr. Hartye reported that the Sonic – Weaverville project is also located at Northridge Commons in the Town of Weaverville. This project included extending approximately 120 linear feet of 8-inch public gravity sewer.

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

b. Consideration of Compensation Budgets - Meadowbrook Drive GSR and Mountain View Road GSR:

Mr. Hartye reported the Meadowbrook Drive GSR and Mountain View Road GSR compensation budgets are attached and the Right of Way Committee recommends approval of these budgets.

c. Consideration of Condemnations – Asheville Country Club GSR:

Mr. Hartye reported that on the Asheville Country Club project there were two parcels under consideration for condemnations. He stated there was a lot of discussion regarding tree removal and buffers. The Right of Way Committee voted to accept Staff's recommendation to obtain appraisals and proceed with condemnations.

d. Influent Pump Station at Plant – Approval of Sole Source Procurement for New Influent Pump:

Mr. Hartye reported on the Influent Pump Replacement at the Water Reclamation Facility. He stated that the plant has three large 400 hp pumps that lift all wastewater received at the plant up to the Grit and Grease Facility. These pumps have functioned well over time (they were first installed in 1986), internal parts have been replaced several times and pump casings have been repaired. Due to the age and wear of the pump casings the District began replacing these pumps in 2012 on a staggered schedule, for both operational security and financially as well. Given the unique nature of these pumps, a primary concern is that each pump must be standardized – with identical performance and fit within the existing footprint. These pumps are still manufactured, with the new pump being basically a “drop-in” replacement for the existing unit. The cost for one pump with factory testing is \$145,389.68, and the FY16-17 budget for this project is \$150,000.00. Staff recommends the District sole-source procure a Morris Pump Model MF 30x30-27 in the amount of \$145,389.68. Staff recommends this sole-source due to the fact that standardization, performance, and compatibility with the existing attachments, piping and control system is a primary overriding concern.

e. Cash Commitment/Investment Report Month ended July, 2016:

Mr. Powell reported that Page 44 presents the makeup of the District’s Investment Portfolio. There has been approximately \$7 Million decrease from the previous month due to the District meeting our July 1 debt service obligation. Page 45 presents the MSD investment managers report for the month of August. The weighted average maturity of the investment portfolio is 218 days. The yield to maturity is .69% and exceeds our bench mark of 6 month T-Bill and North Carolina Capital Management Trust cash portfolio. Page 46 presents an analysis of the District’s cash receipts. Monthly domestic sewer revenue is considered reasonable based on historic trends. Monthly and YTD Industrial Sewer Revenue as well as Facility and Tap Fees are considered reasonable based on historical trends. Page 47 is an analysis of the District’s Expenditures. Monthly and YTD expenditures are considered reasonable based on historical trends. Page 48 presents the MSD Variable Debt Service report. Both the 2008A Series bonds are performing better than budgeted expectations. As of the end of August both issues have saved the District rate payers approximately \$4.6 million in debt service since April, 2008. There were no questions pertaining to this item.

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

9. Old Business:

Mr. Clarke reported that mediation was held on Friday, September 16, 2016 in the matter of MSD v. Tom and Nellene Finger. The case involved condemnation to replace the existing sewer in a new location on a lot at the corner of Clingman Avenue and Clingman Avenue Extension. He presented maps showing the parcel location, the existing easement area and the new easement area. He stated that, based on sales in the last few years, property values in the area and on Clingman Avenue Extension are extremely high. The property owner started at \$52,000. MSD had deposited just over \$6,000. During mediation, MSD increased its offer to \$25,000. The owner came down to \$30,000. Mr. Clarke recommended settling for \$30,000. There being no questions, Mr. Vahaun called for a Motion to approve the settlement in the amount of \$30,000. Ms. Wisler made the Motion. Mr. Kelly seconded the Motion. Roll Call vote was as follows: 11 ayes, 0 nays.

10. New Business:

Ms. Manheimer asked if MSD is affected by the Supreme Court decision regarding impact fees. Mr. Clarke and Mr. Hartye both indicated it does not affect MSD in the same manner as municipalities.

11. Adjournment:

With no further business, Mr. VeHaun called for adjournment at 2:23 pm.

Jackie W. Bryson, Secretary/Treasurer



MEMORANDUM

TO: MSD Board
FROM: Thomas E. Hartye, P.E., General Manager
DATE: October 14, 2016
SUBJECT: Report from the General Manager

- Kudos
 - MSD Treatment Plant once again received the Gold Peak Performance Award from NACWA for consistent treatment and permit compliance for 2015. Congrats to all of the Plant Employees.
 - Bill Dunhour of Blackwood Rd. called to compliment MSD's Roy Lytle and Billy Cantrell who came out on Wednesday and saved him about \$5,000 by finding a new sewer route and did a magnificent job. His yard looks better than it ever did thanks to the wonderful work they did.
 - Emma with Mosaic Group at 160 Royal Pines Dr. called to express her appreciation for the customer service provided by Wayne Rice.
 - United Way Golf Tourney had around 56 players this year with the winning team shooting 16 under. Filled all the hole sponsors and raised about \$5,463.68 for the United Way. Thanks to Owen Herbert, one of MSD's young engineers, for heading up the effort.

- Board/Committee Meetings/Events

The next Regular Board Meeting will be held on November 16th at 2 pm. The October ROW Committee is cancelled. The next Right of Way Committee meeting will be held at 9 am on November 23rd at 9am.

GOLD AWARD



The National Association of Clean Water Agencies
is pleased to present this award to

Metropolitan Sewerage District of Buncombe County, NC
French Broad River Water Reclamation Facility

in recognition of its complete and consistent permit
compliance during the calendar year. **2015**

A handwritten signature in black ink that reads "Adam Krantz".

Adam Krantz, NACWA Chief Executive Officer

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for Creekside Village Phase II, MSD Project No. 2014088

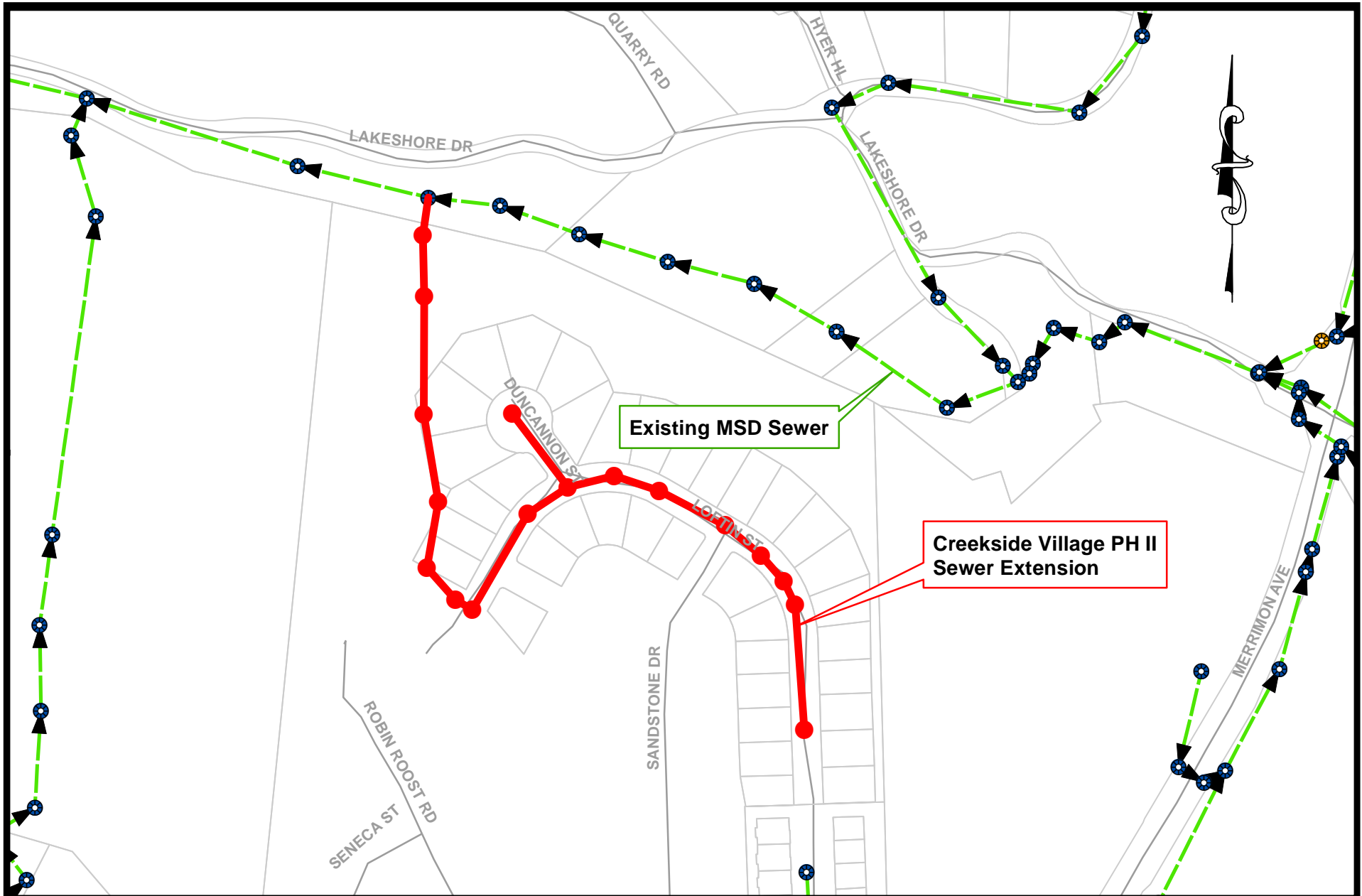
BACKGROUND: This project is located inside the District boundary at the intersection of Aiken Road and Merrimon Avenue in the Town of Weaverville. The developer of the project is Stephen Mudge of Serrus Creekside, LLC.

The project included extending approximately 2,046 linear feet of 8-inch public gravity sewer to serve this phase of the residential development consisting of thirty-eight (38) single family homes.

A wastewater allocation was issued in the amount of 11,400 GPD for this phase of the development. The estimated cost of the sewer construction is \$210,000.

All MSD requirements have been met.

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



MSD
Engineering Division

Creekside Village PH II Sewer Extension
MSD Project # 2014088
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for The Dilworth Apartment Complex, MSD Project No. 2015001

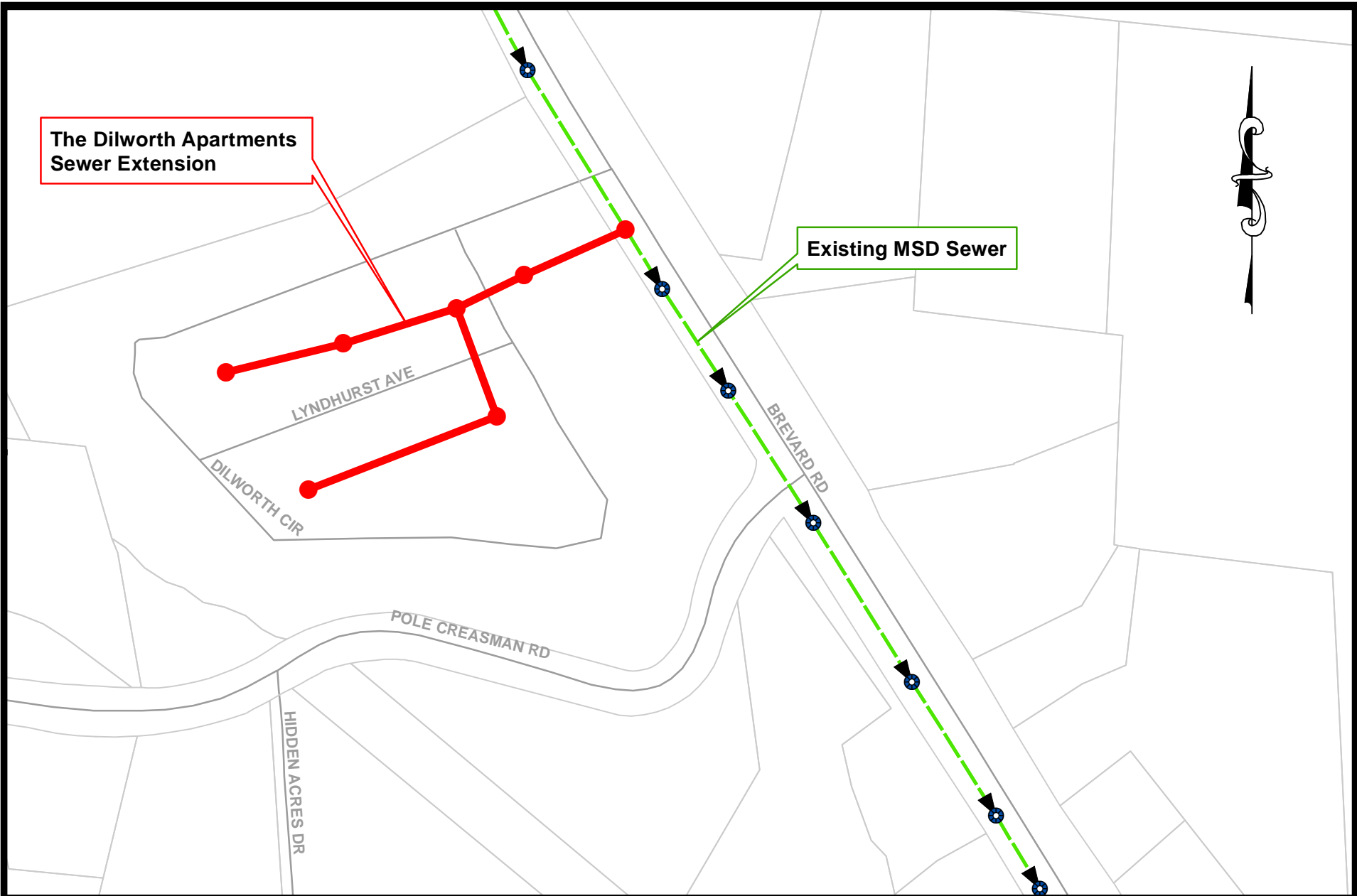
BACKGROUND: This project is located inside the District boundary at the intersection of Brevard Road and Pole Creasman Road in Buncombe County. The developer for this project is William Ratchford of Southwood Realty Company.

The project included extending approximately 950 linear feet of 8-inch public gravity sewer to serve the 168 unit apartment complex.

A wastewater allocation was issued in the amount of 31,082 GPD for this development. The estimated cost of the sewer construction is \$100,576.00.

All MSD requirements have been met.

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



MSD
Engineering Division

The Dilworth Apartments Sewer Extension
MSD Project # 2015001
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Little Flat Creek – Red Maple Subdivision, MSD Project No. 1994024

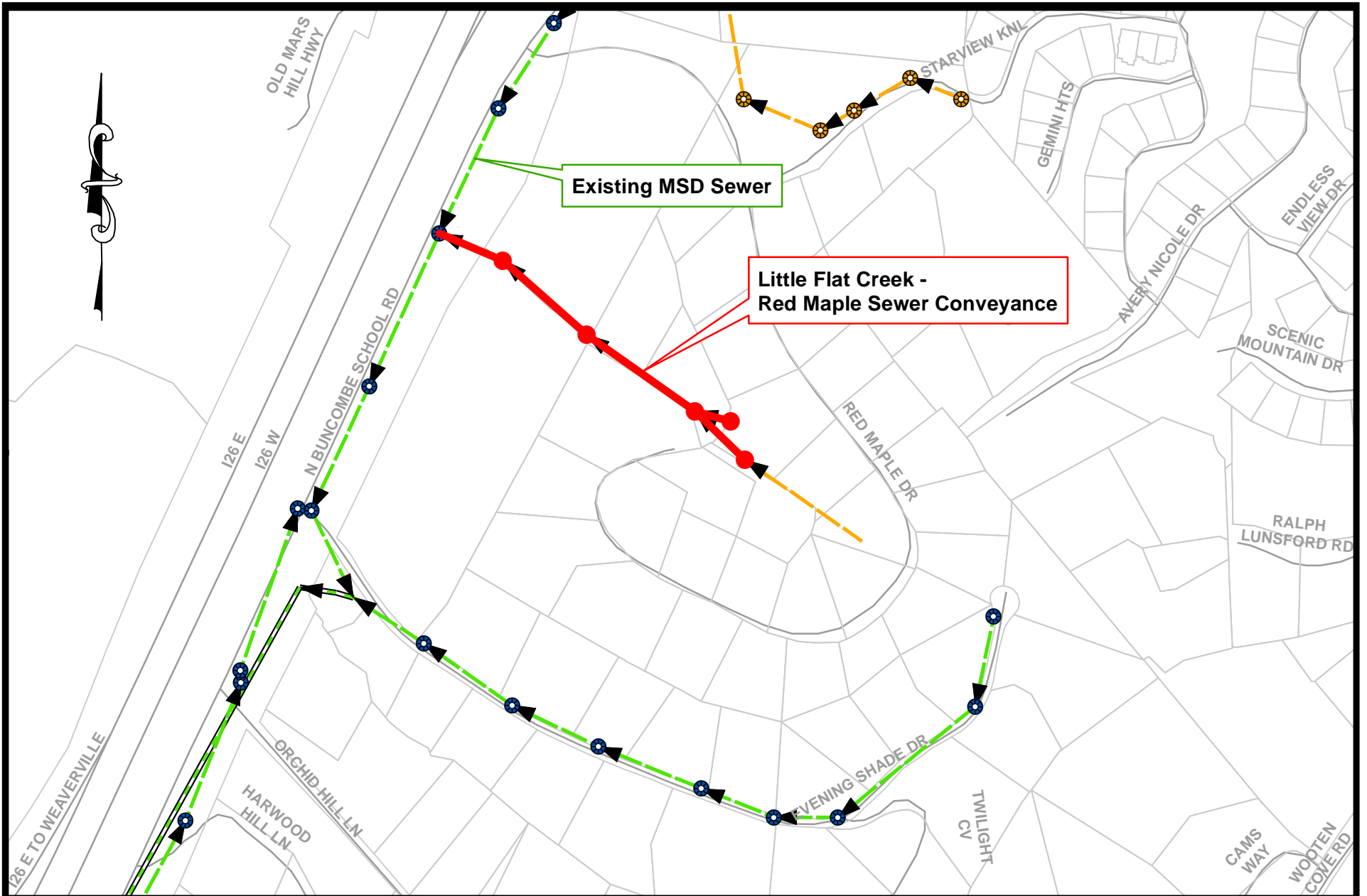
BACKGROUND: This project is located outside the District boundary at the intersection of North Buncombe School Road and Evening Shade Drive in Buncombe County. The original developer of the project was Loyd King of L.T.K. Enterprises, Inc.

The project was built to public standards under MSD inspection in 1994. The seven (7) property owners that this system crosses now wish to convey the sewer system along with associated easements to MSD for ownership and maintenance. This phase of the private collection system consists of approximately 902 linear feet of 8-inch gravity sewer.

The current approximate value of this system is \$38,999.67.

All MSD requirements have been met.

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



MSD
Engineering Division

Little Flat Creek - Red Maple Sewer Conveyance
MSD Project # 1994024
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the McKinley Avenue Subdivision, MSD Project No. 2015180

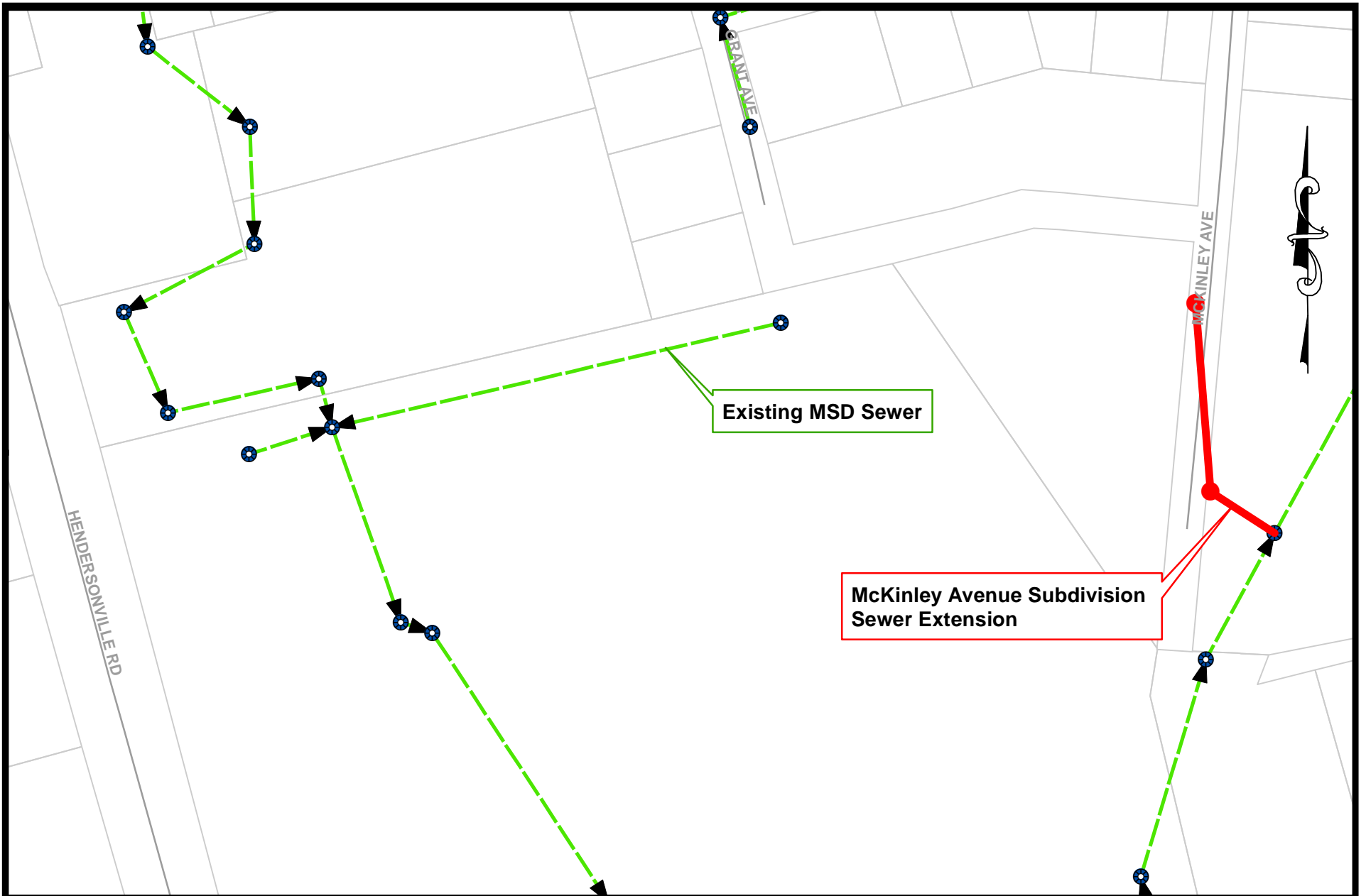
BACKGROUND: This project is located inside the District boundary near the intersection of Taft Avenue and McKinley Avenue in the City of Asheville. The developer for this project is Paul Reeves of Asheville Area Habitat for Humanity.

The project included extending approximately 236 linear feet of 8-inch public gravity sewer to serve the ten (10) unit single family residential development.

A wastewater allocation was issued in the amount of 3,000 GPD for this development. The estimated cost of the sewer construction is \$39,923.00.

All MSD requirements have been met.

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



MSD
Engineering Division

McKinley Avenue Subdivision Sewer Extension
MSD Project # 2015180
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the Montreat College Sports Complex, MSD Project No. 2015102

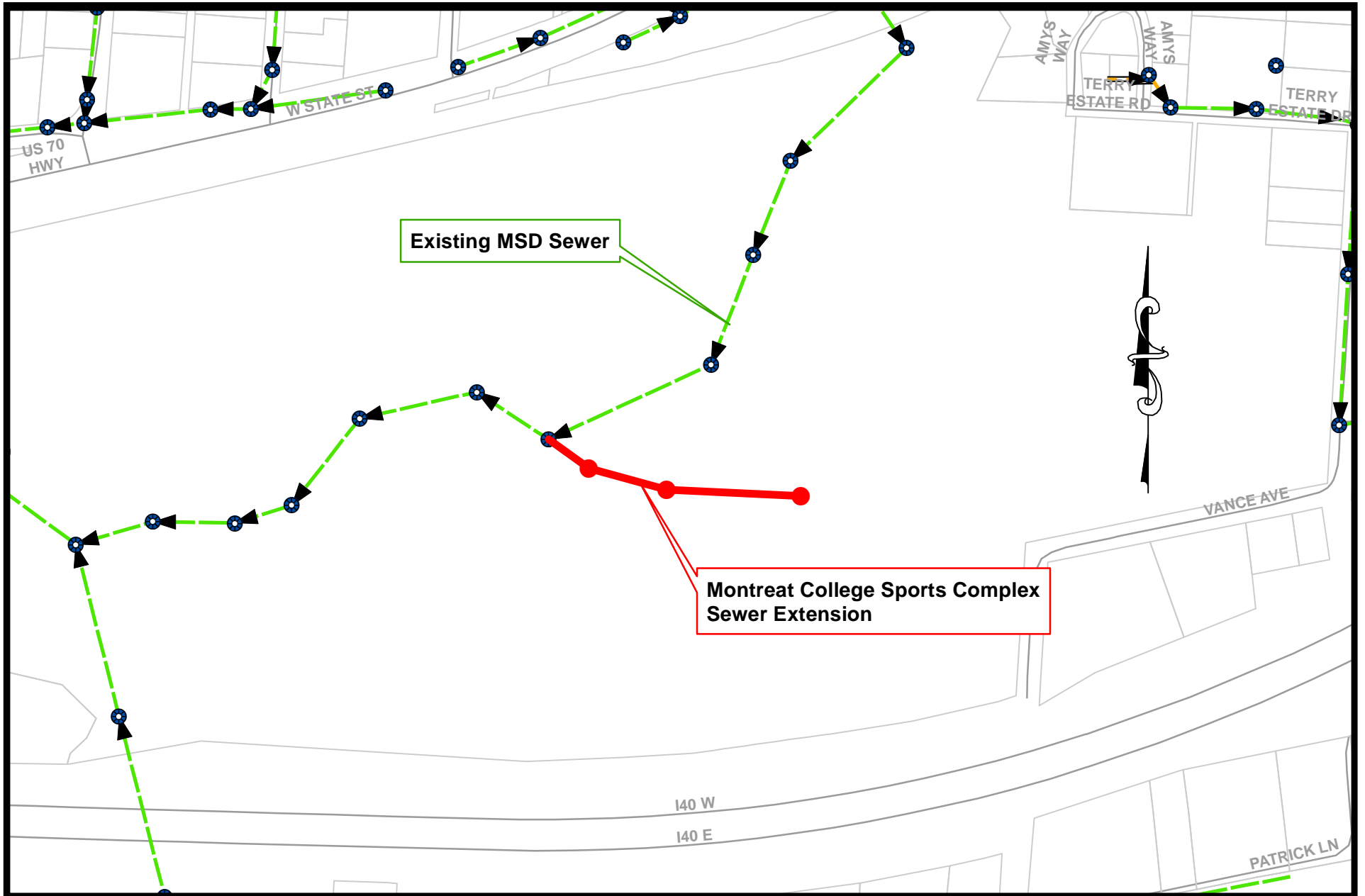
BACKGROUND: This project is located inside the District boundary off Vance Avenue in the Town of Montreat. The developer for this project is Jack Heinen of Montreat College.

The project included extending approximately 625 linear feet of 8-inch public gravity sewer to serve a sports complex at the college.

A wastewater allocation was issued in the amount of 4,550 GPD for this phase of the development. The estimated cost of the sewer construction is \$30,550.

All MSD requirements have been met.

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



MSD
Engineering Division

Montreat College Sports Complex Sewer Extension
MSD Project # 2015102
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for the 339 Old Lyman Street Sewer Extension, MSD Project No. 2016118

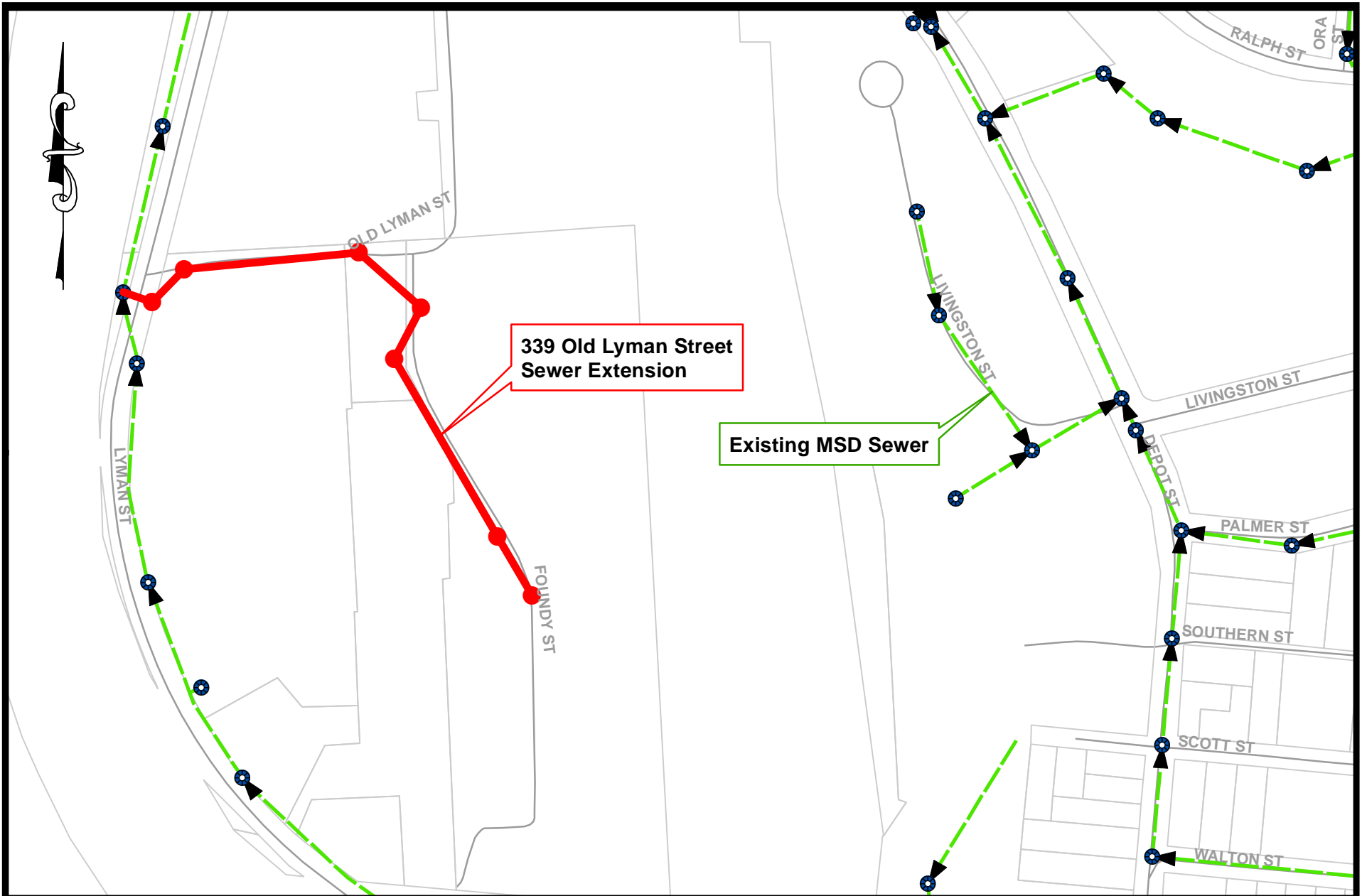
BACKGROUND: This project is located inside the District boundary off Lyman Street in the City of Asheville. The developer for this project is Chris Eller of Foundation Studios, LLC.

The project included extending approximately 1,135 linear feet of 8-inch public gravity sewer to serve the nine (9) unit commercial development.

A wastewater allocation was issued in the amount of 10,317 GPD for this development. The estimated cost of the sewer construction is \$150,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

339 Old Lyman Street Sewer Extension
MSD Project # 2016118
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: October 19, 2016

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

PREPARED BY: Kevin Johnson, P.E.

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

SUBJECT: Acceptance of Developer Constructed Sewer System for The Ramble Block E Sewer Extension, MSD Project No. 2015030

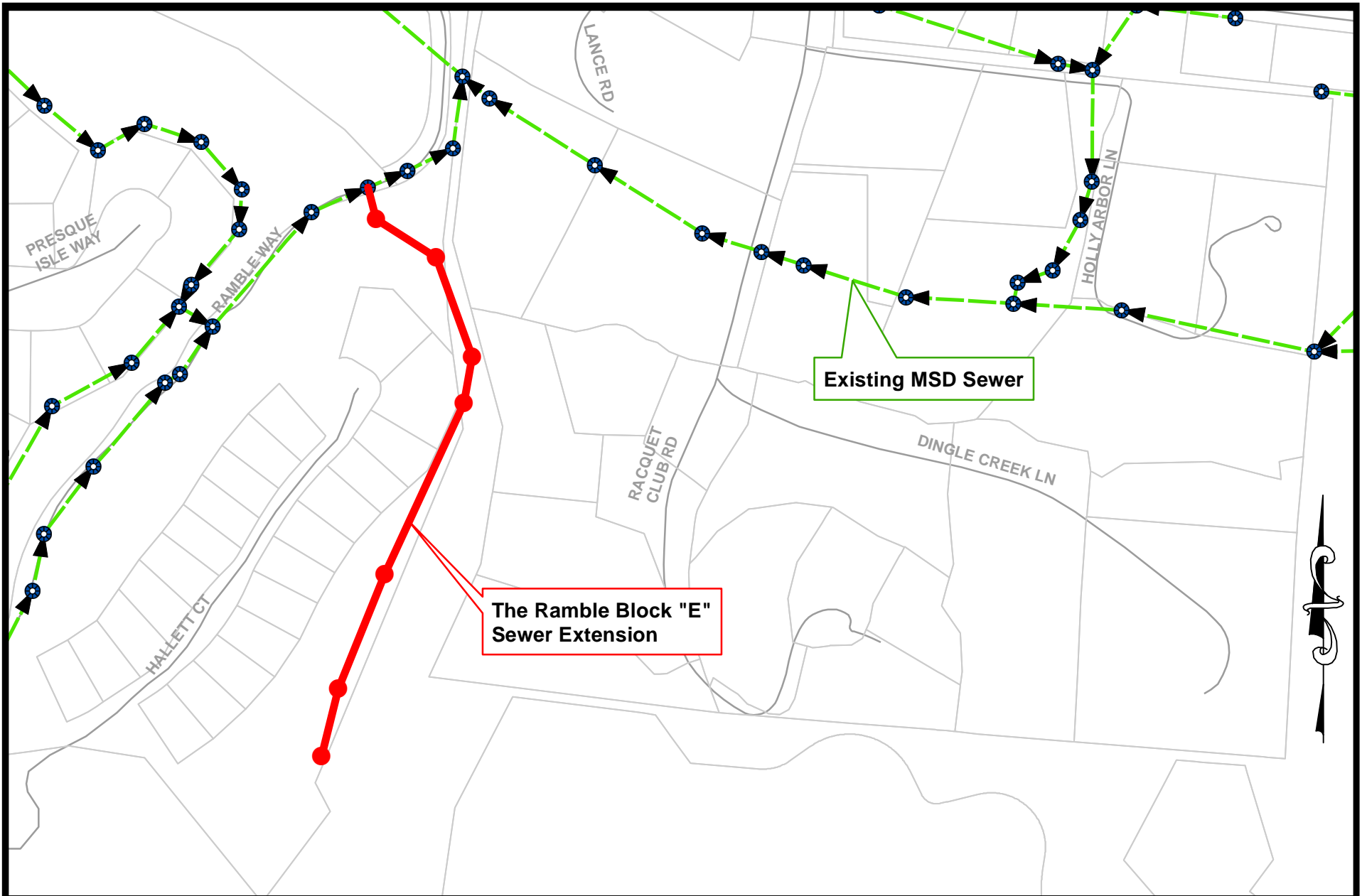
BACKGROUND: This project is located inside the District boundary off Ramble Way in Buncombe County. The developer for this project is Lee Thomason of Ramble Biltmore Forest, LLC.

The project included extending approximately 1,358 linear feet of 8-inch public gravity sewer to serve the twenty-two (22) unit single family residential development.

A wastewater allocation was issued in the amount of 6,600 GPD for this development. The estimated cost of the sewer construction is \$155,000.00.

All MSD requirements have been met.

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



MSD
Engineering Division

The Ramble Block "E" Sewer Extension
MSD Project # 2015030
Metropolitan Sewerage District of Buncombe County

10/06/2016

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

BOARD MEETING DATE: 10/19/16

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

PREPARED BY: Ed Bradford, P.E. - Director of Engineering

SUBJECT: Avadim Technologies Informational Item

BACKGROUND: Governor Pat McCrory announced in late September that Avadim Technologies will construct its new corporate headquarters in the Black Mountain Commerce Park. Over the next five years, this facility is expected to create 551 new jobs in Buncombe County, and will invest over \$25 million in capital funds.

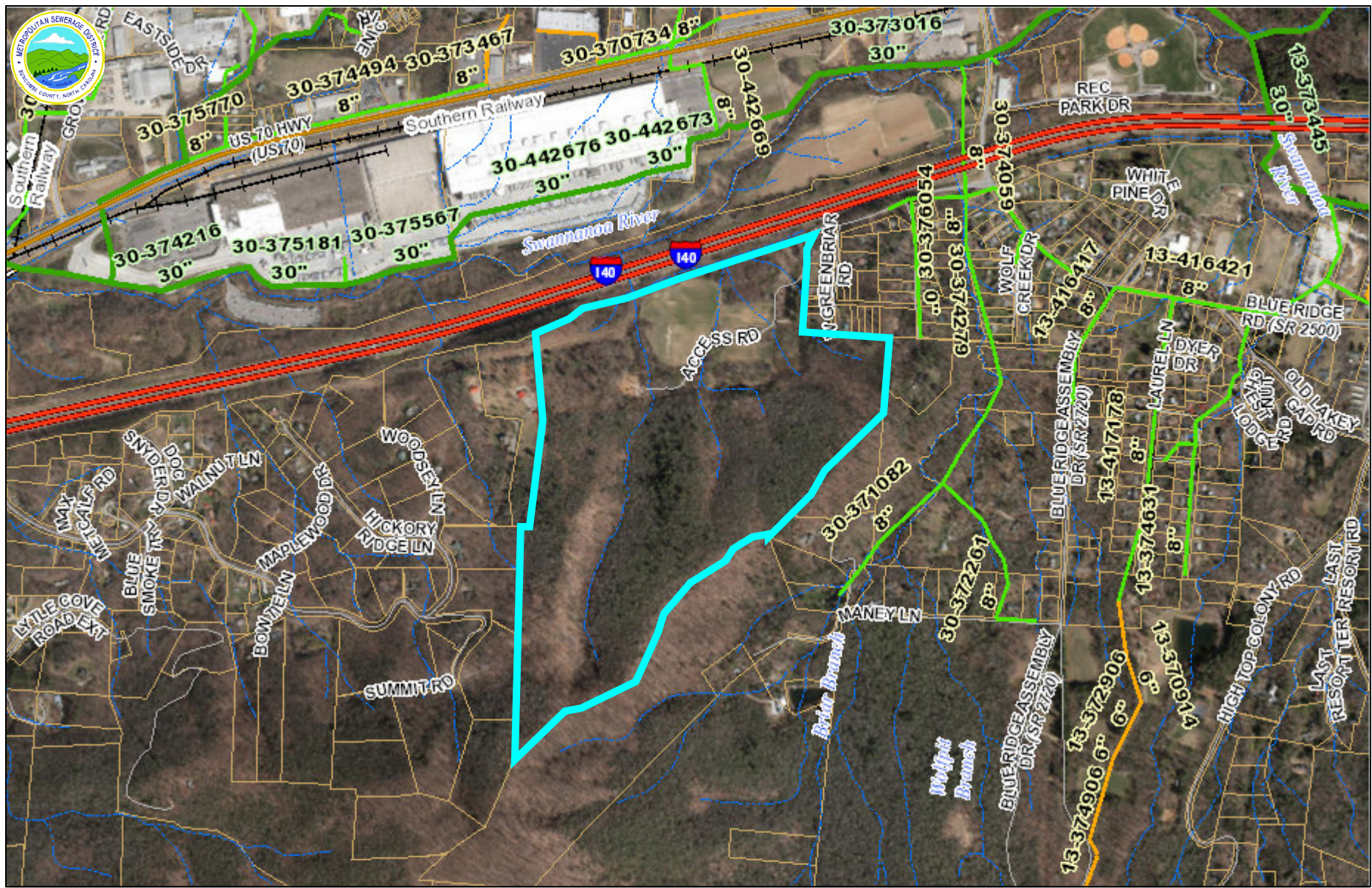
Avadim is an Asheville-based life-science company which manufactures skin products for use in the medical, sports and military fields under its brand Theraworx. These products include foams, sprays and pre-treated cloths. The new facility may open as soon as 2018, according to David Fann, Avadim's president.

The cost of the water and sewer infrastructure necessary to support the Avadim facility is estimated at \$1.9 million. MSD staff has spent considerable time assisting staff at the Asheville-Buncombe County Economic Development Coalition with the applications for grant funding. Buncombe County, MSD, the Town of Black Mountain and NCDOT have all worked closely with the Chamber of Commerce in order to help determine and plan the necessary infrastructure for Avadim to succeed.

Please refer to the attached map, which shows the location of Avadim's new facility.

FISCAL IMPACT: MSD has a stated policy encouraging economic development and job creation. For new companies which employ over 200 employees and meet certain conditions, MSD will waive its Facility Fee. This could save Avadim substantial funds, depending on their final water meter size.

STAFF RECOMMENDATION: This is provided as information only; no action is required.



Avadim Technologies Site

Author: Web AppBuilder for ArcGIS

1 in = 1,000 ft

Date: 10/12/2016

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

Meeting Date: October 19, 2016

Subject: Procurement of New Vactor Truck Model 2100 Plus Vacuum Jet Rodding Machine – Fleet Replacement

Prepared by: Ken Stines; Division Director
Peter Weed; Division Director
Julie Willingham, CLGPO; Purchasing Supervisor

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

Background: System Services has an on-going preventive maintenance program utilizing combination sewer cleaning trucks. MSD is required by the State DWQ Waste Water Permit to clean 10% (600,000lf) of the entire system every year. Last year System Services cleaned 800,000lf of sewer line utilizing combination trucks. Sewer line cleaning plays an important role in the reduction of SSO's and customer complaints, as well prolonging the life of the system. The purchase of this Vactor will replace a truck purchased in 2005. This truck has been in MSD's fleet for over 11 years and has cleaned 3 million feet of sewer line - equivalent to 56% of MSD's system.

MSD's policy is to evaluate annually the condition of fleet vehicles using parameters such as age, miles on vehicles, hours on equipment, and repair costs. At the March 10, 2016, Fleet Replacement Committee meeting, the members recommended the purchase of one (1) New Vactor Replacement, as presented to this Board for approval. This purchase was included in the FY2016-2017 Budget.

The new truck will be equipped with 800 ft. of ¾" sewer hose capable of delivering 60gpm of water at 2500psi. The truck will have a 10 cubic yard debris body and a water capacity of 1300 gallons. The fuel efficiency on the Vactor 2100 Plus has been significantly increased to reduce fuel consumption by 20 to 30 percent.

Discussion: Pursuant to North Carolina Purchasing Statute G.S. 143-129(e)(3) and MSD Purchasing Procedures, MSD, as a local government, is allowed to purchase from suppliers who are selected through a group purchasing program that is a "formally organized program that offers competitively obtained purchasing [products or] services at discount prices to two or more public agencies." NJPA – National Joint Powers Alliance – is one such group purchasing program. Vactor Manufacturing, a manufacturer of SewerVac Trucks, was awarded a contract under the NJPA cooperative. Public Works Equipment, Monroe, NC is the Vactor authorized distributor for their Southeast territory. The cost per the NJPA contract for the Vactor Truck is \$376,112.00, offering a savings to MSD of over \$30,000.00 from regular dealer pricing. Because the cost of this truck exceeds \$90,000.00, the procurement requires Board approval.

Fiscal Impact: The total cost of this contract will be \$376,112.00. \$400,000.00 was budgeted for this item in the FY2016-2017 Fleet Replacement Fund.

Staff Recommendation: Staff recommends that the bid from Public Works Equipment be awarded.

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: October 19, 2016

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 August 31, 2016

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 August 31, 2016 were \$45,327,538. The detailed listing of accounts is available upon request. The average rate of return for all investments is 0.484%. 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 August 31, 2016 do not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of August 31, 2016 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is (\$1,707,903).

Total Cash & Investments as of 08/31/2016		45,327,538
Less:		
Budgeted Commitments (Required to pay remaining FY17 budgeted expenditures from unrestricted cash)		
Construction Funds	(20,681,214)	
Operations & Maintenance Fund	(13,917,231)	
		(34,598,445)
Bond Restricted Funds		
Bond Service (Funds held by trustee):		
Funds in Principal & Interest Accounts	(16,355)	
FY17 Principal & Interest Due	(7,748,459)	
		(7,764,814)
District Reserve Funds		
Fleet Replacement	(640,138)	
Pump Replacement	(100,076)	
WWTP Replacement	(390,254)	
Maintenance Reserve	(956,611)	
		(2,087,079)
District Insurance Funds		
General Liability	(249,345)	
Worker's Compensation	(67,908)	
Post-Retirement Benefit	(1,496,371)	
Self-Funded Employee Medical	(771,479)	
		(2,585,103)
Designated for Capital Outlay		(1,707,903)

Staff Recommendation

None. Information Only.

Action Taken

Motion by:

to

Approve

Disapprove

Second by:

Table

Send to Committee

Other:

Follow-up Required:

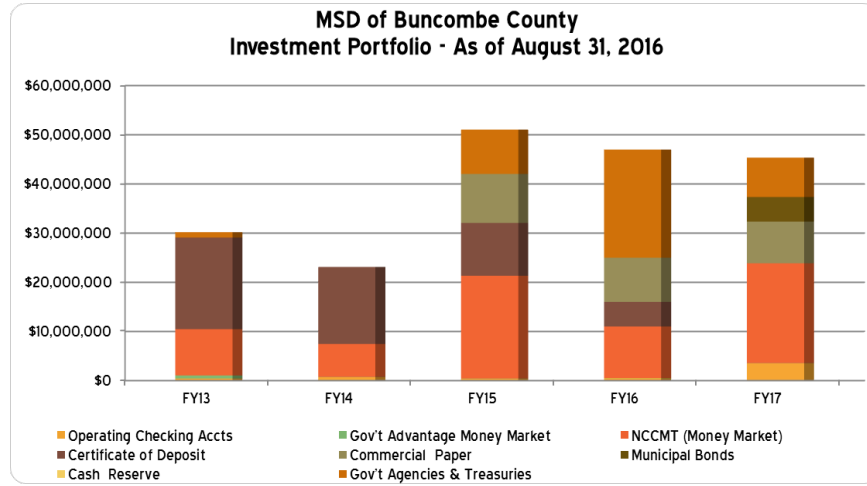
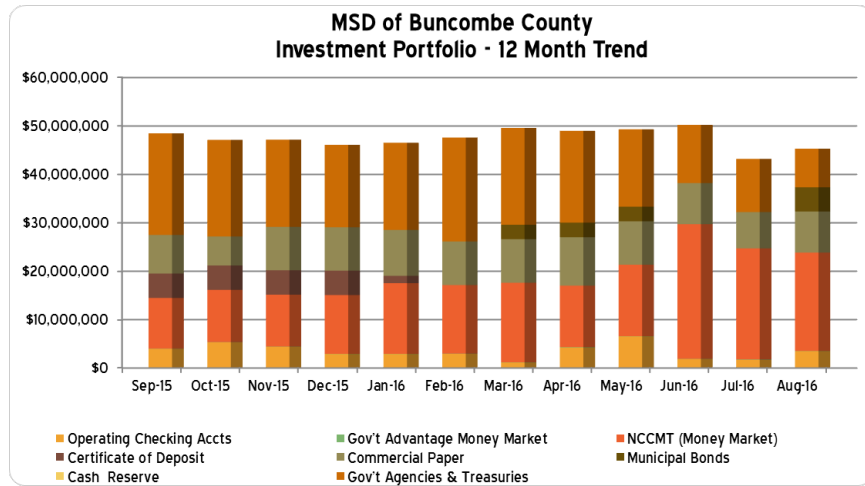
Person Required:

Deadline:

Metropolitan Sewerage District of Buncombe County
Investment Portfolio

	Operating Checking Accounts	Gov't Advantage Money Market	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ -	\$ 16,355	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,355
Held by MSD	3,485,656	46,669	20,295,876	-	8,482,641	5,000,000	-	8,000,340	45,311,182
	\$ 3,485,656	\$ 46,669	\$ 20,312,231	\$ -	\$ 8,482,641	\$ 5,000,000	\$ -	\$ 8,000,340	\$ 45,327,537

Investment Policy Asset Allocation	Maximum Percent	Actual Percent	
U.S. Government Treasuries, Agencies and Instrumentalities	100%	17.65%	No significant changes in the investment portfolio as to makeup or total amount.
Bankers' Acceptances	20%	0.00%	
Certificates of Deposit	100%	0.00%	The District 's YTM of .72% is exceeding the YTM benchmarks of the 6 month T-Bill and NCCMT Cash Portfolio.
Commercial Paper	20%	18.72%	
Municipal Bonds	100%	11.03%	
North Carolina Capital Management Trust	100%	44.81%	
Checking Accounts:	100%		Operating checking accounts. Gov't Advantage money market are fully collateralized with the State Treasurer.
Operating Checking Accounts		7.69%	
Gov't Advantage Money Market		0.10%	



**METROPOLITAN SEWERAGE DISTRICT
 INVESTMENT MANAGERS' REPORT
 At August 31, 2016**

Summary of Asset Transactions

	Original Cost	Market	Interest Receivable
Beginning Balance	\$ 39,734,893	\$ 39,740,530	\$ 19,370
Capital Contributed (Withdrawn)	337,664	337,664	-
Realized Income	17,724	17,724	(10,072)
Unrealized/Accrued Income	-	10,785	5,503
Ending Balance	\$ 40,090,281	\$ 40,106,703	\$ 14,800

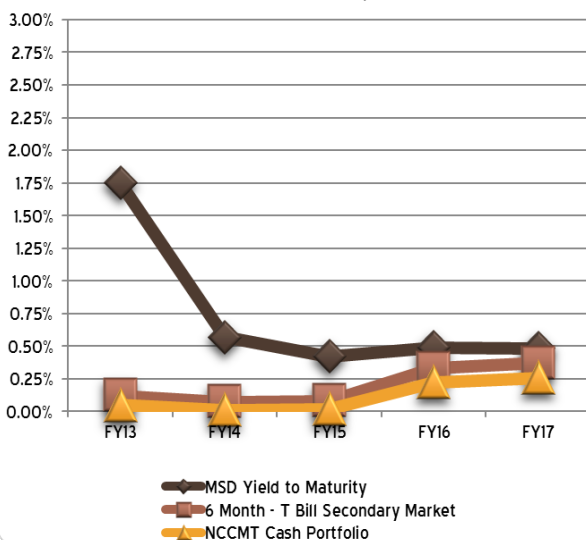
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 35,090,281	\$ 20,954
Securities/CD's 91 to 365 Days	1,000,000	597
Securities/CD's > 1 Year	4,000,000	2,389
	\$ 40,090,281	\$ 23,940

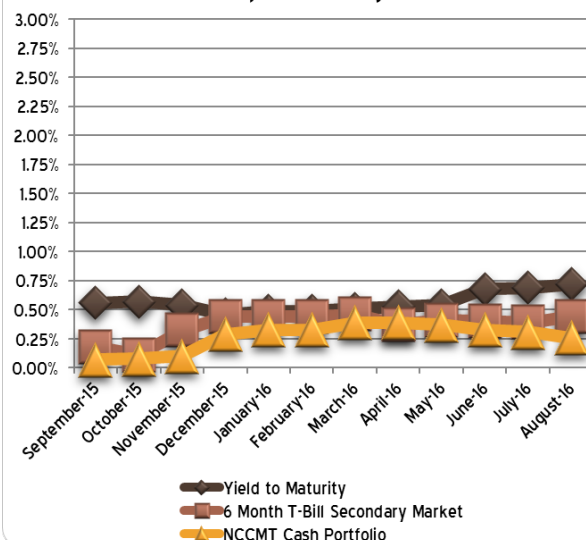
Month End Portfolio Information

Weighted Average Maturity	178
Yield to Maturity	0.72%
6 Month T-Bill Secondary Market	0.44%
NCCMT Cash Portfolio	0.26%

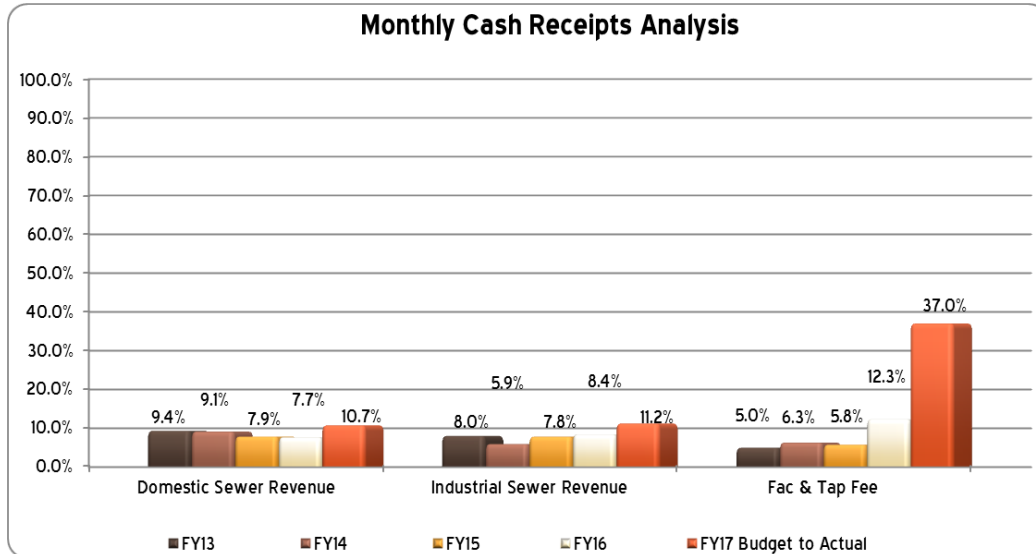
**Metropolitan Sewerage District
 Annual Yield Comparison**



**Metropolitan Sewerage District
 Yield Comparison - August 31, 2016**

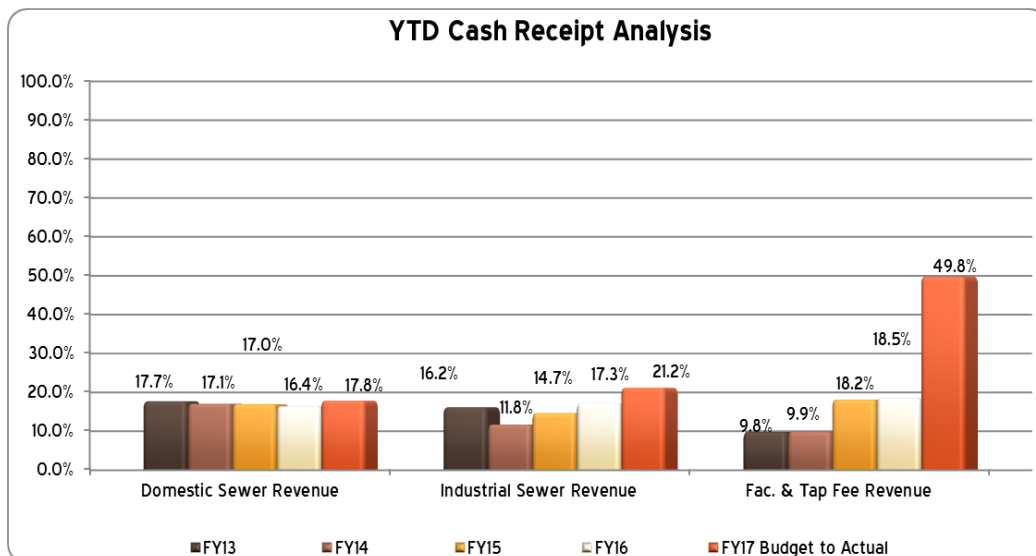


**METROPOLITAN SEWERAGE DISTRICT
 ANALYSIS OF CASH RECEIPTS
 As of August 31, 2016**



Monthly Cash Receipts Analysis:

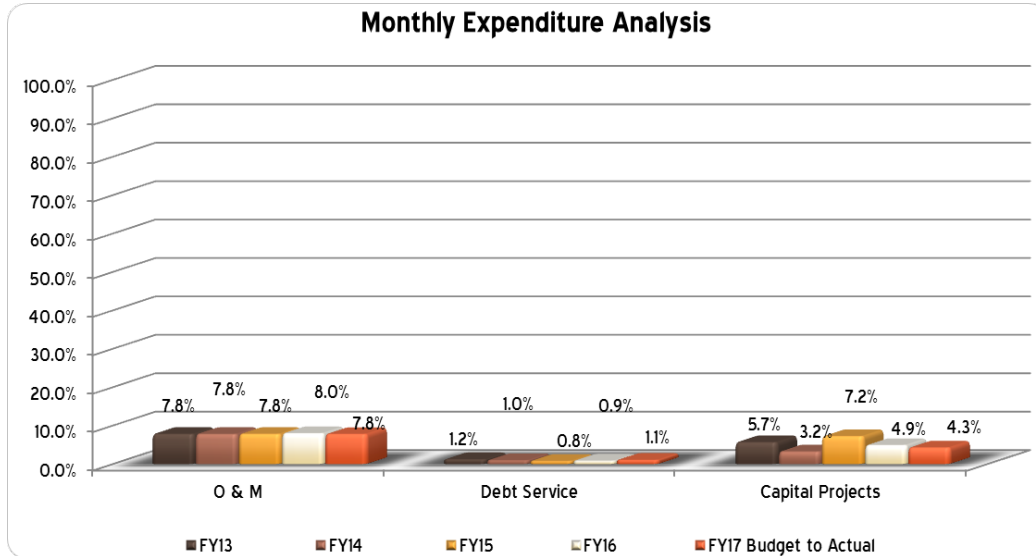
- ▲ Monthly domestic sewer revenue is considered reasonable based on timing of cash receipts in their respective fiscal periods.
- ▲ Monthly industrial sewer revenue is reasonable based on historical trends.
- ▲ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility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



YTD Actual Revenue Analysis:

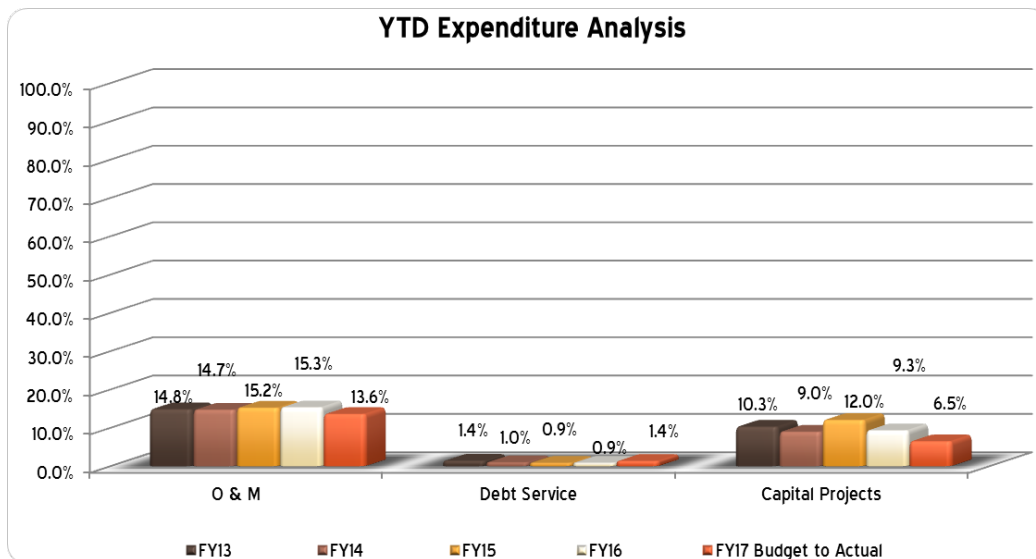
- ▲ YTD domestic sewer revenue is considered reasonable based on historical trends.
- ▲ YTD industrial sewer revenue is reasonable based on historical trends.
- ▲ Due to the unpredictable nature of facility and tap fee revenue, staff considers facility and tap fee revenue reasonable.

**METROPOLITAN SEWERAGE DISTRICT
 ANALYSIS OF EXPENDITURES
 As of August 31, 2016**



Monthly Expenditure Analysis:

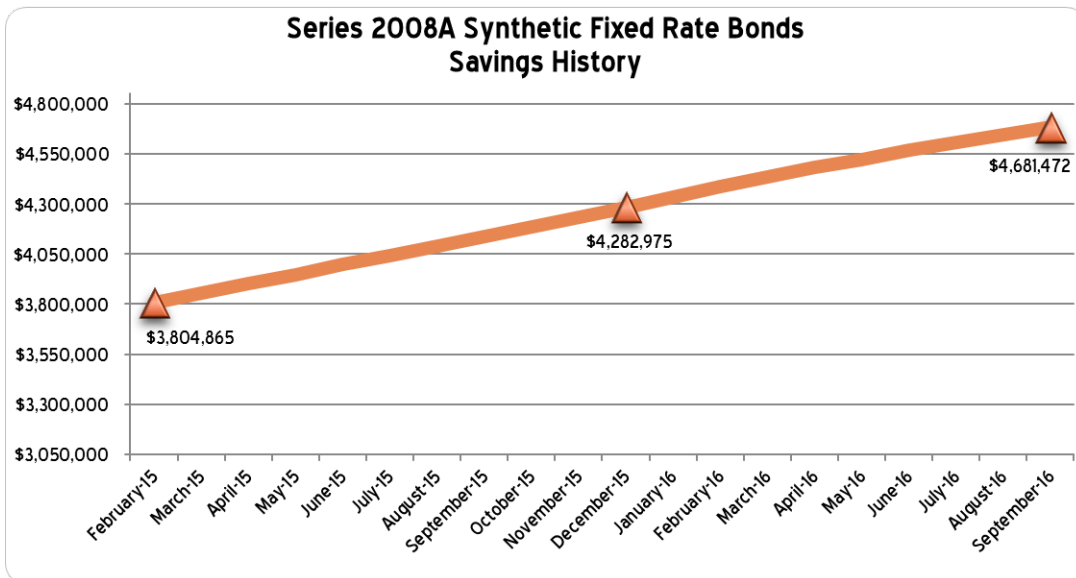
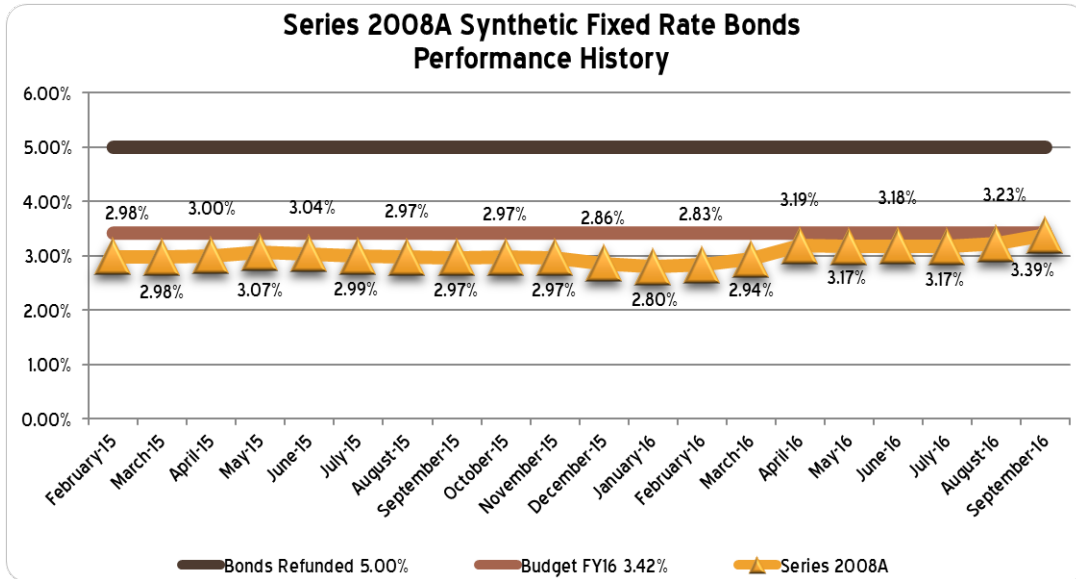
- ◀ Monthly O&M expenditures are considered reasonable based on historical trends and timing of expenditures in the current year.
- ◀ Due to the nature of the variable rate bond market, monthly expenditures can vary year to year. Based on current variable interest rates, monthly debt service expenditures 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 September 30, 2016**



Series 2008A:

- Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$4,681,472 as compared to 4/1/2008 fixed rate of 4.85%.
- Assuming that the rate on the Series 2008A Bonds continues at the current all-in rate of 3.9475%, MSD will achieve cash savings of \$4,670,000 over the life of the bonds.
- MSD would pay \$5,494,458 to terminate the existing Bank of America Swap Agreement.

STATUS REPORTS

MSD System Services In-House Construction

FY 16-17 PROJECTS

PROJECT NAME	LOCATION	ZIP CODE	ESTIMATED FOOTAGE	ESTIMATED PROJECT DATES	WO#	CREW	COMPLETION DATE	ACTUAL FOOTAGE	NOTES
Asheville Country Club Phase 1 B	N. Asheville	28804	1739	6/29/16 - 7/21/16	234696	631	7/21/2016	1739	complete
Asheville Country Club 6" Replacement	N. Asheville	28804	325	7/25/16 - 7/27/16	235071	631	7/27/2016	325	complete
Tanglewood Drive at Craggy Ave	W. Asheville	28803	141	7/18/16 - 7/28/16	233397	632	7/28/2016	101	complete
Graceland Place Rehabilitation	Arden	28704	120	6/27/16 - 8/2/126	234656	632	8/2/2016	120	complete
Dejeuil Drive Sewer Rehabilitation	W. Asheville (Starnes Cove)	28806	300	8/8/16 - 9/1/16	219451	632	8/15/2016	300	complete
Asheville Country Club Phase 2	N. Asheville	28804	3,900	7/28-16 - 9/28/16	225192	631	9/30/2016	3,923	complete
Lakeshore Drive	N. Asheville	28804	500	9/2/16 - 10-1/16	235169	632	10/5/2016	597	complete
Asheville Country Club Phase 1C	N. Asheville	28804	230	10/3/2016 -10/7/16	236906	631			In Construction
166 S. French Broad Ave	Asheville	28803	280	10/4/16 - 10/7/16	236410	632			In Construction
Haywood Road Emergency Sewer Rehabilitation	W. Asheville	28806	336	10/10/16 - 10/14/16	237069	632			Work scheduled to begin 10/10/16
Asheville Country Club Phase 3 (Robinhood Rd)	N. Asheville	28804	600	10/10/19 - 10/31/16	236602	631			resady for construction
Meadowbrook Rd Rehabilitation	Black Mountain	28711	1327	11/1/16 - 12/1/16	236632	631			ready for construction
Upper Chestnut @ Lookout Road	Woodfin	28804	800	10/17/16 - 12/14/16	449454	632			ready for construction
Weighstill PS Force Main Replacement	Arden	28704	1700	FY 16-17	235481	TBA			In Design
Kenilworth Rd @ Sheridan Road	Asheville	28803	400	FY 16-17	TBA	TBA			ready for construction
East Grovestone Quarry	Black Mountain	28711	780	FY 16-17	213459	TBA			ready for construction
Spears Avenue Rehabilitation	Asheville	28801	300	FY 16-17	225197	TBA			ready for construction
Celia Place at Bond Street	Asheville	28801	526	FY 16-17	227752	TBA			ready for construction
School Road at Cranford Road	W. Asheville	28806	360	FY 16-17	224943	TBA			ready for construction, MSD Project 2014084
Starnes Avenue at Broadway Street	Asheville	28801	400	FY 16-17	208325	TBA			ready for construction
350 Old Haw Creek Road	Asheville	28805	1333	FY 16-17	47802	TBA			ready for construction
905 Patton Avenue	Asheville	28806	187	FY 16-17	TBA	TBA			ready for construction
149 Weston Rd	Arden	28704	210	FY 16-17	225004	TBA			ready for construction
110 Beaver Drive	Woodfin	28804	425	FY 16-17	210211	TBA			ready for construction
18 Crestland Road	Asheville	28803	270	FY 16-17	46826	TBA			ready for construction
69 Providence Road	West Asheville	28806	190	FY 16-17	231127	TBA			In Design
722 Center St	Asheville	28803	265	FY 16-17	229911	TBA			In Design
5 Spring Cove Terr	Beaverdam	28804	375	FY 16-17	233212	TBA			ready for construction
Seventh St	Black Mountain	28711	200	FY 16-17	225198	TBA			In design
School Road at Woodland	W. Asheville	28806	350	FY 16-17	224993	TBA			In design
179 Old Haw Creek Rd	Asheville	28805	760	FY 16-17	220080	TBA			In Design
Biltmore Avenue at Bryson Street	Asheville	28801	200	FY 16-17	225195	TBA			In Design
Old Farm School Road	Asheville	28805	550	FY 16-17	456319	TBA			In Design
184 West Chestnut	Asheville	28801	320	FY 16-17	201957	TBA			In Design
Belmont Road	W. Asheville	28806	170	FY 16-17	233437	TBA			In Design
24 Ivey Street	W Asheville	28806	850	FY 16-17	236509	TBA			In Design
4 Westview Rd	Asheville - Oakley	28803	740	FY 16-17	TBA	TBA			In Design
304 9th Street	Black Mountan	28711	450	FY 16-17	236507	TBA			In Design
15 New Jersey	Asheville	28806	250	FY 16-17	TBA	TBA			In Design
139 Weaverville Rd	Asheville - Woodfin	28804	400	FY 16-17	TBA	TBA			In Design



CONSTRUCTION TOTALS BY DATE COMPLETED - Monthly

From 7/1/2016 to 8/31/2016

	Dig Ups	Emergency Dig Ups	Dig Up ML Ftg	Dig Up SL Ftg	Manhole Repairs	Taps Installed	ROW Ftg	IRS Rehab Ftg *	Const Rehab Ftg *	D-R Rehab Ftg *	Manhole Installs	Bursting Rehab Ftg *	Total Rehab Ftg *
July 2016	24	9	114	706	35	27	1,620	0	16	377	11	1,788	2181
August 2016	40	11	149	1,050	36	40	1,586	0	264	300	6	120	684
Grand Totals	64	20	263	1,756	71	67	3,206	0	280	677	17	1,908	2865

* Used to calculate Total Rehab Footage



PIPELINE MAINTENANCE TOTALS BY DATE COMPLETED - Monthly

July 01, 2016 to August 31, 2016

	Main Line Wash Footage	Service Line Wash Footage	Rod Line Footage	Cleaned Footage	CCTV Footage	Smoke Footage	SL-RAT Footage
2016							
July	45,193	2,360	6,542	51,735	20,983	32,171	20,618
August	75,579	1,531	12,085	87,664	26,074	42,442	17,103
Grand Total:	120,772	3,891	18,627	139,399	47,057	74,613	37,721
Avg Per Month:	60,386	1,946	9,314	69,699	23,529	37,307	18,861



CUSTOMER SERVICE REQUESTS

Monthly - All Crews

CREW	MONTH	JOBS	AVERAGE RESPONSE TIME	AVERAGE TIME SPENT
DAY 1ST RESPONDER				
	July, 2016	105	26	41
	August, 2016	127	27	37
		232	27	39
NIGHT 1ST RESPONDER				
	July, 2016	14	21	49
	August, 2016	32	25	28
		46	24	34
ON-CALL CREW *				
	July, 2016	35	48	37
	August, 2016	34	43	33
		69	45	35
Grand Totals:		347	30	37

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

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

October 12, 2016

PROJECT	LOCATION OF PROJECT	CONTRACTOR	AWARD DATE	NOTICE TO PROCEED	ESTIMATED COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
ARCO ROAD	East Asheville 28805	Terry Brothers Construction Company	8/17/2016	8/23/2016	1/20/2017	\$418,245.00	65%	Mainline has been installed to MH # 15. Construction is progressing well.
BYPASS PUMP STAGING AREAS	Woodfin 28804 and Asheville 28806	NHM Constructors, LLC	3/16/2016	4/11/2016	11/30/2016	\$307,455.72	71%	Concrete work in progress.
HENDERSONVILLE ROAD @ MILLS GAP ROAD	Asheville 28803	Terry Brothers Construction Company	3/16/2016	4/13/2016	11/1/2016	\$727,585.00	99%	Paving is complete; ready for striping and final walk through.
NEW HAW CREEK @ TRINITY CHAPEL ROAD	East Asheville 28805	Terry Brothers Construction Company	8/17/2016	8/23/2016	1/20/2017	\$181,364.00	95%	All mainline work is complete. Milling and paving to be done.
POINT REPAIR CONTRACT NO. 1	Various	Patton Construction Group	8/17/2016	9/12/2016	6/30/2017	\$166,820.00	5%	The first 6 point repairs are nearing completion.
SHADOWLAWN DRIVE PHASE 2	Asheville 28806	Davis Grading, Inc.	1/20/2016	3/14/2016	9/30/2016	\$439,065.50	100%	Project is complete and in close out.
VENABLE PUMP STATION ELIMINATION	Asheville 28806	Buckeye Bridge, LLC	4/20/2016	5/9/2016	9/15/2016	\$314,639.20	100%	Project complete and in close out.
WRF - INCINERATOR SYSTEM REHABILITATION AND EMISSIONS UPGRADES	Woodfin 28804	Haren Construction Company	2/18/2015	3/25/2015	12/1/2016	\$5,091,740.23	99%	Final welding inspection and project close out in process.

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

Planning & Development Project Status Report

Active Construction Projects

October 6, 2016

#	Project Name	Project Number	Work Location	Zip Code	Units	LF	Pre-Construction Conference Date	Comments
1	Isaac Dickson School Relocation	2013033	Asheville	28801	School	504	1/13/2014	Waiting on final inspection
2	Robinhood Relocation	2013107	Asheville	28804	5	230	7/23/2015	Awaiting Conveyance of Sewer System
3	Hunt Hill Apartments	2013111	Asheville	28801	180	1,729	3/5/2014	Waiting on final inspection
4	Asheville Middle School	2013125	Asheville	28801	School	214	9/30/2014	Awaiting Conveyance of Sewer System
5	Dillingham Woods	2014048	Asheville	28805	27	375	3/4/2015	Waiting on final inspection
6	A.B. Tech Fernihurst Relocation	2014061	Asheville	28801	Comm.	697	4/8/2014	Awaiting Conveyance of Sewer System
7	Vance Place	2014084	Asheville	28801	8	398	1/29/2016	Waiting on final inspection
9	Rivermill Lofts Relocation	2014125	Asheville	28803	254	314	8/21/2015	Waiting on final inspection
10	Shelburne Road	2014126	Asheville	28806	9	418	4/5/2016	Pre-con held, ready for construction
11	Amboy Overlook - Phase 1	2014136	Asheville	28806	19	899	10/20/2015	Final Inspection complete, awaiting close-out docs
12	Gibson Road (aka Four Seasons)	2014138	Asheville	28804	3	137	9/11/2015	Awaiting Conveyance of Sewer System
13	Conestee	2014149	Asheville	28801	7	113	8/7/2015	Waiting on final inspection
14	Craggy Park	2014164	Asheville	28806	45	1,935	10/23/2015	Phase 1 Tested
15	Springside Road Townhomes	2015006	Asheville	28803	3	120	12/15/2015	Waiting on final inspection
16	First Baptist Relocation	2015032	Asheville	28801	Comm.	333	7/21/2015	Final Inspection complete, awaiting close-out docs
17	Hall Avenue	2015035	Asheville	28806	8	329	3/4/2016	Waiting on final inspection
18	Bowen Estates	2015064	Asheville	28803	4	178	10/13/2015	Final Inspection complete, awaiting close-out docs
19	Cottages at Kenilworth	2015107	Asheville	28805	12	454	12/1/2015	Testing
20	Ascot Point Apartments Phase 3	2015114	Asheville	28803	104	213	9/9/2016	Pre-con held, ready for construction
21	The District	2015133	Asheville	28803	309	912	2/26/2016	Testing
22	Asheville Exchange	2015170	Asheville	28806	312	582	2/26/2016	Waiting on final inspection
23	Beale Road Subdivision (Habitat)	2015200	Asheville	28704	21	730	4/5/2016	Waiting on final inspection
24	Fairfield Inn & Suites - Tunnel Road	2015203	Asheville	28805	Comm.	350	4/29/2016	Waiting on final inspection
25	500 Fairview Road Subdivision	2016049	Asheville	28803	10	220	5/6/2016	Punchlist pending, awaiting closeout documents
26	Rosebriar	2007005	Black Mountain	28711	12	309	8/28/2014	Waiting on final inspection
27	Settings at Black Mountain	2008016	Black Mountain	28711	30	907	11/13/2015	Testing
28	Roberts Farm Phase 1B	2015056	Black Mountain	28711	250	1,165	7/29/2015	Final Inspection complete, awaiting close-out docs
29	Cheshire Pocket Village	2015129	Black Mountain	28711	15	370	2/26/2016	Waiting on final inspection
30	Pinnacle at Arabella Heights	2006277	Buncombe Co.	28704	28	482	11/10/2015	Testing
31	Hyde Park Phase 2	2013058	Buncombe Co.	28704	14	500	12/3/2013	Testing
32	Givens Gerber Park	2014065	Buncombe Co.	28803	260	357	8/7/2015	Waiting on final inspection
33	Creekside Cottages	2014095	Buncombe Co.	28704	7	504	3/12/2015	Final Inspection complete, awaiting close-out docs
8	Governor's Western Residence	2014100	Buncombe Co.	28804	Comm.	636	7/22/2015	Awaiting Easement Plat/Conveyance of Sewer System
34	Woodcrest at Biltmore Terrace Ph. 2	2015063	Buncombe Co.	28803	8	210	5/27/2016	Punchlist pending, awaiting closeout documents
35	Mallard Run Phase II	2015090	Buncombe Co.	28704	37	1,217	10/13/2015	Final Inspection complete, awaiting close-out docs
36	Greymont Apartments	2015108	Buncombe Co.	28806	312	3,193	5/17/2016	Installing
37	Williams-Baldwin Teacher Campus	2015166	Buncombe Co.	28806	24	313	9/16/2016	Waiting on final inspection
38	Ball Gap Road	2015186	Buncombe Co.	28704	14	947	5/31/2016	Installing
39	The Haven at Enka Lake	2015191	Buncombe Co.	28715	259	1,595	9/27/2016	Pre-con held, ready for construction
40	Greenwood Fields Phase 1	2015204	Buncombe Co.	28804	158	2,830	6/16/2016	Installing
41	Newbridge Parkway Apartments	2016013	Buncombe Co.	28804	308	1,575	9/2/2016	Pre-con held, ready for construction
42	Biltmore Lake Block I, Phase 2	2016042	Buncombe Co.	28803	26	1,297	8/5/2016	Testing
43	Long Shoals Village Phase 2	2016109	Buncombe Co.	28704	Comm.	330	8/16/2016	Pre-con held, ready for construction
44	Greenwood Park Phase 1	2014067	Weaverville	28787	7	283	9/1/2015	Final Inspection complete, awaiting close-out docs
45	Maple Trace Subdivision	2014121	Weaverville	28787	31	2,420	1/29/2016	Installing
46	Monticello Apartments	2015124	Weaverville	28787	168	1,484	6/14/2016	Private on-site system complete, Public not started
47	Crest Mountain Phase 3B	2013041	Woodfin	28806	69	1,329	10/15/2013	Waiting on final inspection
48	Serenity Falls Subdivision	2015055	Woodfin	28804	45	2,583	9/18/2015	Waiting on final inspection
49	Reese & Jan Lasher (High Hopes)	2015152	Woodfin	28806	14	320	4/26/2016	Punchlist pending, awaiting closeout documents
TOTAL					3,436	39,540		