



Metropolitan North Georgia Water Planning District

40 Courtland Street NE | Atlanta, Georgia 30303

BOARD MEETING AGENDA

December 2, 2015 – 10:00 a.m.

Allen S. Hardin Amphitheater

R. Charles Loudermilk Center for the Regional Community

Level “C”- 40 Courtland Street, NE Atlanta, Georgia

- I. Public Comment Period****
- II. Approve Meeting Minutes (*Action Item*)**
- III. Chairman’s Report**
 - *Water Level/ Litigation/ACF Water Control Manual Updates*
 - *BAC Chair Election Results*
 - *Education and Outreach Update*
 - *Schedule for 2016*
- IV. Executive Committee Report**
 - *2015 Year End Budget Revision (Action Item)*
 - *Proposed Wastewater Plan Amendment*
 - o *Forsyth County*
- V. 2016 Water Resource Management Plan Update**
 - *Plan Update Status – Danny Johnson, Metro Water District*
 - *Governing Board Working Group Report – Katie Kirkpatrick, Vice Chair*
- VI. Henry County’s Septic System Pollutant Hot Spot Analysis Tool (PHAT)**
Henry County
- VII. Adjourn**

**A 10-minute period for public comments is designated as needed at each Governing Board meeting during a time deemed appropriate by the Chairman. Each speaker must sign-up at least two (2) days prior to the meeting start time. The 10 minute period will be divided by the number of people wishing to address the Board. No single speaker shall have more than five (5) minutes to address the Board. Comments should also be provided in writing, with supporting material. The Chairman reserves the right to limit or extend the speaking time or total number of speakers at any meeting.



Metropolitan North Georgia Water Planning District

40 Courtland Street NE | Atlanta, Georgia 30303

MEMORANDUM

Date: November 16, 2014
To: Executive Committee
From: Birdel Jackson, Finance Committee Chair
RE: Proposed 2015 Year End Budget Revision

2015 Year End Budget Revision

The attached 2015 year end budget revision is being proposed as a revision to the budget adopted on December 3, 2014. This proposed revision incorporates adjustments for actual experience and projected expenditures for the remainder of the year.

The District began work on the Water Resource Management Plan Update contract in March 2015. Work on this project is anticipated to continue into the fourth quarter of 2016. Contract expenses were budgeted across both 2015 and 2016, however, actual expenses in 2015 exceeded the budgeted split, therefore total contract expenses went up by \$200,000. The 2016 budget will be revised in 2016 to reflect the \$200,000 reduction in anticipated 2016 contract expenses.

Miscellaneous Operating Expenses were higher in 2015 due to additional costs associated with the Water Resource Management Plan Update including additional printing, website expenses, travel, and the regional economic model development needed for the ARC population projections.

Note that in June 2011 the Board adopted the following financial policy: the District will establish and strive to maintain a minimum fund balance of \$300,000 for operating contingencies.

The Finance Committee approved the attached 2015 year end budget revision via conference call on Monday, November 16, at 4:00 p.m.

2015 Budget Revision Metropolitan North Georgia Water Planning District

Dues = \$0.265 per capita

	2015 Budget (Adopted June 4, 2014)	2015 Budget Revision (Adopted Dec 3, 2014)	2015 Year End Budget Revision
Beginning Fund Balance (Estimated)	679,744	977,620	990,122
Revenues			
Direct State Funding	250,000	250,000	250,000
Local Dues (2010 Census at \$0.265 per capita)	1,280,677	1,280,677	1,280,677
Interest Income	2,000	2,000	2,000
Misc. Fees	60,000	60,000	60,000
Total Revenues	1,592,677	1,592,677	1,592,677
Expenses by Type			
Chairman's Allowance	3,000	3,000	350
District Planning Function			
Salaries	408,900	408,900	408,900
Fringe Benefits	241,251	216,850	216,850
Contracts**	800,000	800,000	1,000,000
Overhead	260,060	242,977	242,977
Miscellaneous Operating***	96,000	96,000	150,000
Public Awareness / Education	160,000	200,000	120,000
Total Expenses	1,969,211	1,967,727	2,139,077
Projected Ending Fund Balance*	303,210	602,570	443,722

2015 NOTES

*The District will strive to maintain a minimum fund balance of \$300,000 for operating contingencies.

**Contracts: Includes the District Plan Updates and the Utility Climate Resiliency Study and other contracts

***Misc. Operating: This category includes operating supplies, publications, printing and photocopying, meeting expenses, postage, contractual operating services such as audit, seminar trainers and other misc.



Metropolitan North Georgia Water Planning District

40 Courtland Street NE | Atlanta, Georgia 30303

TO: Executive Committee

FROM: Metro Water District Staff

DATE: November 25, 2015

RE: Forsyth County Wastewater Plan Appendix B Amendment - Process Documentation and Staff Recommendation

The Metropolitan North Georgia Water Planning District received a request from Forsyth County to modify the Wastewater Management Plan. According to the Plan Amendment Guidelines adopted by the Board on August 28, 2013, District staff is required to provide the Executive Committee a category recommendation concerning the plan amendment request prior to the meeting. The staff recommends the following change outlined below:

Amendment Request: Wastewater Management Plan

Local Jurisdiction: Forsyth County

Description: Modification consists of the decommissioning of the Windermere Urban Reuse LAS and the transfer of the 0.55 MGD capacity to the James Creek WRF between 2016 and 2035 planning horizon within Appendix B. Both facilities currently discharge into James Creek, a tributary to the Chattahoochee Basin.

Staff Recommendation: District staff recommends this request be categorized as a minor amendment because modification of the plan is local in nature.

Forsyth County

Summary of Needs

	2010 Maximum Month Average Daily Flow (MMF-MGD)	2015 Maximum Month Average Daily Flow (MMF-MGD)	2025 Maximum Month Average Daily Flow (MMF-MGD)	2035 Maximum Month Average Daily Flow (MMF-MGD)
Wastewater Flows & Capacities				
Forsyth County Needs	22	29	42	52
Total Projected Flow to Plants	22	29	42	52
Treatment Capacity	19.56	37.41	44.41	60.81

Capital Projects

- New treatment capacity will be provided by constructing the new Shakerag facility and two new facilities discharging to Lake Lanier and expanding the Fowler WRF. Apportionment of capacity between the Forsyth County and City of Cumming should be based on the needs and growth of their respective service areas. Allocation of proposed treatment capacity between Forsyth County and the City of Cumming will be agreed upon by both jurisdictions in accordance with the local wastewater master plan prior to requesting wasteload allocations or seeking permits. The local wastewater master plan will also include an analysis of the feasibility of constructing a combined facility between the City and County.

Basin Considerations

- The City of Cumming will construct a new AWRF that will discharge to Lake Lanier and return flow to the Lake. Forsyth County will construct a new AWRF that will discharge to Lake Lanier (Note 1). Treated flow from the New South Forsyth WWTP / Fowler Reuse System will be land applied and/or discharged into the Chattahoochee River.

Phasing Plan

Facilities (Notes 1, 4)	By 2010			2011 to 2015			2016 to 2025			2026 to 2035		
	Proposed Projects		Plant Capacity at End of Period (MMF-MGD)	Proposed Projects		Plant Capacity at End of Period (MMF-MGD)	Proposed Projects		Plant Capacity at End of Period (MMF-MGD)	Proposed Projects		Plant Capacity at End of Period (MMF-MGD)
	Project Type	Project Capacity (MMF-MGD)		Project Type	Project Capacity (MMF-MGD)		Project Type	Project Capacity (MMF-MGD)		Project Type	Project Capacity (MMF-MGD)	
Cumming Bethelview Road WPCP	No expansions		8.0	No expansions		8.0	No expansions		8.0	No expansions		8.0
Cumming Lake Lanier WRF (Note 2)				Initial construction		7.5	No expansions		7.5	Expand	7.5	15
Forsyth Lake Lanier WRF (Note 2)				Initial construction		3.0	Expand	2	5	Expand	5	10
Forsyth Shakerag/Fowler WRF (Note 3)	Expand	4.5	8.5	Expand	7.5	16	Expand	4	20	Expand	4	24
Forsyth Dick Creek WRF	No expansions		0.76	No expansions		0.76	No expansions		0.76	No expansions		0.76
Cumming Lanier Beach South	No expansions		0.04	Decommission		-						
Cumming Habersham WPCP (Note 5)	No expansions		0.11	Decommission		-						
Forsyth Windemere Urban Reuse LAS	No expansions		0.55	No expansions		0.55	Decommission		0.00			
Forsyth Manor Water Reuse Facility	No expansions		0.50	No expansions		0.50	No expansions		0.50	No expansions		0.50
Forsyth Parkstone at the Bridges LAS	No expansions		0.10	No expansions		0.10	No expansions		0.10	Decommission		-
James Creek WRF	No expansions		1.0	No expansions		1.0	Expand	1.55	2.55	No expansions		2.55
Total Capacity (MMF-MGD)			19.56			37.41			44.41			60.81

Notes:

- The schedule shown is intended to be a general guideline to identify general capacity needs. While the expansion capacities are intended to be in operation before the end of the period shown, exact timing of expansions should be determined by local wastewater master plans.
- The proposed Cumming and Forsyth AWRFs that will discharge to Lake Lanier may be built as separate facilities, or may be combined into one facility.
- The Shakerag / Fowler reuse system consist of two and potentially more facilities pumping into one reuse system with combined flows being land applied and discharged into the river.
- The City and County may acquire private wastewater systems that result in minor changes and possible additions to discharge permits.
- The City of Cumming is currently in negotiations to acquire the private Habersham facility.

Non-Capital Programs

The following non-capital programs are specific to Forsyth County. These programs are in addition to those that apply to all counties within the Metro Water District.

- Make provisions to return reclaimed water to Lake Lanier, the source of the area's drinking water.



Forsyth County Department of Water and Sewer

November 23, 2015

Mr. Daniel E. Johnson, P.E.
Atlanta Regional Commission
40 Courtland Street, NE
Atlanta, GA. 30303

RE: Request to Amend District Wastewater Management Plan

Dear Danny,

As we discussed recently, Forsyth County is in the permitting process with GA EPD for the following wastewater permit: James Creek WRF – Expansion to 2.55 MGD

GA EPD has informed us that a revision to the District Plan will be required to permit the expansion. We are requesting that the District Plan for Forsyth County be revised to show a 1.55 MGD Expansion at James Creek WRF (for a total treatment capacity of 2.55 MGD) in the 2016 to 2025 timeframe. Additionally, we request that the plan be revised to show the Windermere WRF as decommissioned in the same 2016 to 2025 timeframe.

Thank you for your consideration and please let me know if you need any additional information.

Sincerely,

A handwritten signature in blue ink that reads 'Barry H. Lucas'.

Barry H. Lucas, P.E.
Deputy Director