



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

EXECUTIVE COMMITTEE AND GOVERNING BOARD MEETING MATERIALS September 9, 2026

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 - Basin Advisory Council Member Approval Memorandum (EC only)
 - Water Resources Management Plan Amendment Request,
City of Senoia



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

EXECUTIVE COMMITTEE AGENDA

September 9, 2026 – 9:30 a.m.

In Person: Harry West Conference Rooms

International Tower Suite 100, 229 Peachtree Street, NE Atlanta, Georgia

Virtual Option: [Click here to join the meeting](#)

Or call in (audio only)

[+1 470-419-6063,,154796566#](#)

- I. Welcome**
- II. Meeting Minutes Approval (*Action Item*)**
- III. BAC New Member Approval (*Action Item*)**
- IV. Water Resources Management Plan Amendment Request (*Action Item*)**
– *City of Senoia*
- V. Adjourn**



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

GOVERNING BOARD MEETING AGENDA

September 9, 2026 – 10:00 a.m.

In-Person: Harry West Board Room

International Tower Suite 100, 229 Peachtree Street, NE Atlanta, Georgia

Virtual Option: [Click here to join the meeting](#)

Or call in (audio only)

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- I. Welcome**
- II. Public Comment Period****
- III. Meeting Minutes Approval (*Action Item*)**
- IV. Chairwoman's Report**
- V. Executive Committee Report**
 - *BAC New Member Approval*
 - *Water Resources Management Plan Amendment Request, City of Senoia (*Action Item*)*
- VI. Staff Updates**
 - *Education and Outreach*
 - *Water Supply*
 - *Litigation Update*
 - *Data Center Trends*
- VII. Regulatory Aspects of Data Center Growth in Georgia**
 - *Steve Allison, Stationary Source Permitting Program, Air Protection Branch, GA EPD*
- VIII. 2028 Water Resources Management Plan Update**
- IX. Adjourn**

**A 10-minute period for public comments is designated as needed at each Governing Board meeting during a time deemed appropriate by the Chair. Each speaker must sign-up at least two (2) days prior to the meeting start time by emailing Chair@northgeorgiawater.com. 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 Chair reserves the right to limit or extend the speaking time or total number of speakers at any meeting.



**Metropolitan North Georgia Water Planning District
EXECUTIVE COMMITTEE
Minutes
June 3, 2026**

The Metropolitan North Georgia Water Planning District Executive Committee met on Wednesday, June 3, 2026, at 9:00 a.m. at the Walnut Creek Water Reclamation Facility in Henry County.

Members Present

Mr. Glenn Page, Chairman	City of Atlanta Designee: Mr. Greg Eyerly
Hon. Nicole Love Hendrickson, Vice-Chair	Forsyth County Designee: Mr. Scott Adams
Dr. Mark Berry, Secretary/Treasurer	Fulton County Designee: Mr. David Clark
Hon. Harry Johnston	Hall County Designee: Ms. Linda MacGregor
Hon. Lisa Cupid	Henry County Designee: Mr. Tony Carnell
Hon. Lorrain Cochran-Johnson	

Members Not Present

Hon. Alieka Anderson-Henry

Chairman Glenn Page called the meeting to order.

Approve Meeting Minutes

Chairman Page presented the March 11, 2026, meeting minutes for approval. No revisions were offered. Hon. Nicole Love Hendrickson made a motion to approve the meeting minutes. The motion was seconded by Mr. Tony Carnell and passed without opposition. Hon. Lorraine Cochran-Johnson abstained.

BAC Membership Drive and New Member Approval

Ms. Justine Schwartz presented the list of 5 applicants for Basin Advisory Council (BAC) Membership for consideration. Hon. Hendrickson made a motion to approve the new BAC members. The motion was seconded by Hon. Cochran-Johnson and passed without opposition.

2025 Annual Comprehensive Financial Report

Mr. Danny Johnson provided an overview of the 2025 Annual Comprehensive Financial Report.

2026 Budget Revision

Treasurer Dr. Mark Berry provided an overview of the 2026 Budget Revision for consideration. Hon. Love Hendrickson made a motion to approve the 2026 Budget Revision. The motion was seconded by Hon. Cochran-Johnson and passed without opposition.

2027 Budget and Work Program

Dr. Berry provided an overview of the 2027 Budget and Work Program for consideration. Hon. Lisa

Cupid made a motion to approve the 2027 Budget Revision and Work Program. The motion was seconded by Hon. Love Hendrickson and passed without opposition. Following the conversation, Mr. Johnson shared an overview of the MOA with ARC.

Water Resource Management Plan Amendment Request– City of City of Senoia

Mr. Johnson presented the proposed amendment to the Water Resources Management Plan provided by the City of Senoia. Hon. Cupid made a motion to categorize the proposed amendment as a major amendment subject to a 30-day public comment period. The motion was seconded by Hon. Love Hendrickson and passed without opposition.

Water Resource Management Plan Amendment Request – City of Villa Rica

Mr. Johnson presented the proposed amendment to the Water Resources Management Plan provided by the City of Villa Rica. Mr. Tony Carnell made a motion to approve the proposed amendment. The motion was seconded by Hon. Cupid and passed without opposition.

Adjourn

There being no further business, the meeting water adjourned.



**Metropolitan North Georgia Water Planning District
GOVERNING BOARD
Minutes
June 3, 2026**

The Metropolitan North Georgia Water Planning District Governing Board met on Wednesday, June 3, 2026, at 10:03 a.m. at the Walnut Creek Water Reclamation Facility in Henry County.

Members Present

Mr. Glenn Page, Chairman
Hon. Nicole Love Hendrickson, Vice Chair
Dr. Mark Berry, Secretary/Treasurer
Hon. Tim Estes
Hon. Harry Johnston
Hon. Lisa Cupid
Hon. Lorraine Cochran-Johnson
Ms. Pamela Burnett
Mr. Al Edwards
Dr. Ben Jordan
Mr. Tim Thoms
Mr. Dave Williams

City of Atlanta Designee: Mr. Greg Eyerly
Douglas County Designee: Mr. Gil Shearouse
Fayette County Designee: Ms. Vanessa Tigert
Forsyth County Designee: Mr. Scott Adams
Fulton County Designee: Mr. David Clark
Hall County Designee: Ms. Linda MacGregor
Henry County Designee: Mr. Tony Carnell

Members Not Present

Hon. Steve Taylor
Hon. Alieka Anderson-Henry
Hon. Bill MacKenzie
Hon. Janice Van Ness
Mr. Gerald Pouncey
Ms. Sara Ray
Mr. Darrell Rochester

Welcome

Chairman Glenn Page called the meeting to order. Hon. Kevin Lewis, Henry County District 5 Commissioner, welcomed board members to the county.

Public Comment Period

No public comments were provided.

Approve Meeting Minutes

Chairman Page presented the March 11, 2026, meeting minutes for approval. No revisions were offered. Mr. Tim Thoms made a motion to approve the meeting minutes. The motion was seconded by Hon. Lisa Cupid and passed without opposition. Hon. Lorraine Cochran-Johnson abstained.

Chairman's Update

Board Membership Recognitions

Chairman Page recognized Ms. Pamela Burnett for her upcoming retirement.

Board Membership Structure

Chairman Page reviewed the board membership structure

Remaining Schedule for 2026

Chairman Page noted that the next Board meeting will be held on September 11, 2026, and presented the remaining schedule of Board, BAC, and TCC meeting dates for 2026.

Staffing Updates

Chairman Page shared that Ms. Katherine Atteberry has been promoted to the role of District Manager and Ms. Shellby Miller has been promoted to the role of District Coordinator.

Executive Committee Report

BAC Membership Drive and New Member Approval

Chairman Page announced that five applicants for Basin Advisory Council (BAC) membership were approved during the Executive Committee meeting.

2025 Annual Comprehensive Financial Report

Mr. Danny Johnson provided an overview of the 2025 Annual Comprehensive Financial Report

2026 Budget Revision

Treasurer Dr. Mark Berry presented an overview of the 2026 Budget Revision for approval. Hon. Cochran-Johnson made a motion to approve the 2026 Budget Revision. The motion was seconded by Mr. Tony Carnell and passed without opposition.

2027 Budget and Work Program

Dr. Berry presented the 2027 Budget and Work Program for approval. Hon. Cupid made a motion to approve the 2027 Budget and Work Program. The motion was seconded by Hon. Tim Estes and passed without opposition. Following the vote, Mr. Johnson provided an overview of the MOA with ARC.

Water Resources Management Plan Amendment – City of Senoia

Mr. Johnson presented the proposed amendment to the Water Resources Management Plan provided by the City of Senoia. Earlier, the Executive Committee voted to categorize the proposed amendment as a major amendment subject to a 30-day public comment period.

Water Resources Management Plan Amendment – City of Villa Rica

Mr. Johnson presented the proposed amendment to the Water Resources Management Plan provided by the City of Villa Rica. Mr. Gil Shearouse made a motion to approve the amendment request. The motion was seconded by Hon. Cochran-Johnson and passed without opposition.

Nominating Committee Report and Executive Committee Elections

Ms. Burnett presented the Nominating Committee's recommendations for the District Chair, Vice Chair, and Secretary/Treasurer. The committee recommended Hon. Nicole Love Hendrickson as Chair, Hon. Harry Johnston as Vice Chair, and Dr. Berry as Secretary/Treasurer. A motion to approve the slate of board members for election was made by Ms. Burnett. The motion was seconded and passed without opposition. Chairman Page was recognized for his six years of service as Chairman of the Governing Board.

Water Supply Update

Ms. Miller provided an overview of rainfall, lake levels, and stream gage data across the District.

Resilient Water Utilities Report Webinar

Ms. Maya Goldman presented an update on an upcoming webinar for the Resilient Water Utilities Report.

GA Legislative Session Recap/Litigation Update

Mr. Johnson presented an overview of activities from the 2026 Georgia legislative session as well as an update on litigation within the Apalachicola-Chattahoochee-Flint and the Alabama-Coosa-Tallapoosa River basins.

Data Center Trends

Ms. Celine Benoit provided an update of data center development trends in metro Atlanta and new resources available.

2026 District Communications Strategy and Discussion

Ms. Justine Schwartz provided an update on education and outreach activities and led a discussion on the 2026 communications strategy.

Presentation by the Henry County Water Authority

Mr. Patrick Hembree of the Henry County Water Authority presented an overview of the Walnut Creek Water Reclamation Facility expansion project.

2028 Water Resources Management Plan Update

Mr. Johnson provided an update of ongoing activities related to the 2028 Water Resources Management Plan including schedule updates, data collection efforts, and recent population trends.

There being no further business, Chairman Page adjourned the meeting.



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

MEMORANDUM

DATE: September 01, 2026
TO: Executive Committee
FROM: Metro Water District Staff
RE: Basin Advisory Council Membership Approval

According to the Basin Advisory Council Operating Procedures, BAC membership selection will occur once per year, though the District staff will accept applications for new members throughout the year.

Attached is a list including new applicants (highlighted in green), renewing membership (highlighted in blue), and existing memberships (no highlights) for Executive Committee review. Membership Category/Interests are indicated as primary (1) and secondary (2). According to the Operating Procedures, the Executive Committee will review and approve new BAC members.

Ten (10) applications were received between the Executive Committee's June 2026 approval of BAC Members and September 1, 2026. Of these, five (5) are returning members and five (5) are new applicants. The staff recommends the Executive Committee approve these applicants for BAC membership.

[illegible]

Chattahoochee BAC - Page 2

Horton	David	Veolia Water	1										2			
Hostetler	David	Hazen and Sawyer							2					1		
Howe	Warren	WHEE, LLC.	1			2										
Jacobson	Benjamin		1												2	
Johnston	Megan	GHD				2								1		
Jones	Rachel													2	1	
Kinard	Khalilah		1											2		
Kirkland	Olivia		1													
Krolikowski	John "Jack"		2												1	
Chris	Kumnick	Infiltrator Water Technologies	1											2		
Mercier-Baggett	Catherine		1												2	
Miller	Jennifer		1											2		
Orellana	Rolando	University of Georgia Center for Urban Agriculture	2						1							
Overzat	Tara		1												2	
Patel	Manoj	Retired EPD Drinking Water Program Manager	1												2	
Reed	Angus		1											2		
Rekuc	Walter	Fulton County Soil and Water Conservation District	1					2								
Riegels	Don								2						1	
Rosenthal	Kristen	Fruitful Community Foundation														
Sheffield	Tremaine		2												1	
Skinner	Sarah	Georgia Water Planning and Policy Center											2	1		
Smith	Leland													1	2	
Takhar-Fenyoe	Kiran		1												2	
Taylor Jr	George B											1			2	
Thompson	Scott	Integrated Science & Engineering, Inc.	2											1		
Touchette	Barbara S.		1												2	
Valenzano	Carl	Greater Atlanta HBA				2	1									
Waldron	Abby		1						2							
Yanosek	Kristina	HDR	1												2	
Total Primary			24	5	0	0	2	0	1	1	0	1	0	7	8	0
Total Secondary			9	2	2	4	2	1	3	1	0	0	2	9	12	0
												4 New Applicants 2 Renewals 51 Total Members				

Last Name	First Name	Organization	Environmental Interests	Business Interests	Development Community	Recreation Interests	Professional Organization	Neighborhood / Homeowner Organization	Civic Groups	Urban Agriculture	Media Representatives	Power / Natural Gas	Academic Community	Water Resource Industry	Citizen	Other
Anderson	Brooke	Etowah Water & Sewer Authority	1													
Begley	Tracy					1									2	
Bourke	Brian Paul	City of Dallas												1	2	
Coyle	Bruce	Paulding County	2						1							
Demonbreun-Chapman	Jesse	Coosa River Basin Initiative	1			2									2	
Evans	Lisa	Utilities	2											1		
Ferguson	Craig	Brown and Caldwell	1													
Gaskin	Joe Baker	Arcadis U.S. Inc.												1	2	
Kaiser	Kevin	TMB Water	2	1												
Lawrence	Melissa	Piedmont Septic Services		2										1		
Lee	Matthew Russell				2										1	
McClure	Donald	Citizen	1													
Meek	Sarah Vaness	Citizen				1									2	
Meyer	Albert	Citizen					2								1	
Moss	Benjamin	Garver														
Moss	Regina	Bartown County Water Department	2											1		
Plauche	Mary		1				2									
Roderick	Thomas	Flamelit Consulting, LLC	2	1												
Sagoo	Rajpal			1	2											
Shannon	Tom									1				2		
Shostak	Kelen	KADAS	1													
Wood	Laine Kirby	Upper Etowah River Alliance	1													
Woodie	Samuel	Cobb County Marietta Water Authority	1											2		
Total Primary			8	3	0	2	0	0	1	1	0	0	0	5	2	0
Total Secondary			5	1	2	1	2	0	0	0	0	0	0	2	5	0
												1 New Applicants 3 Renewal 23 Total Members				

Last Name	First Name	Organization	Environmental Interests	Business Interests	Development Community	Recreation Interests	Professional Organization	Neighborhood / Homeowner Organization	Civic Groups	Urban Agriculture	Media Representatives	Power / Natural Gas	Academic Community	Water Resource Industry	Citizen	Other
Benz	Laura	Benz Law	1											2		
Bethune	Todd	Fayette County	1													
Dial	Carey Robert	ISE	2											1		
Greuel	Roger	Delta					2			1						
Holland	Clint	City of Peachtree City, GA	1													
Martin	Benjamin	Fayette County Water System	2											1		
Odom	John Charles		2									1				
Poff	Jim	Georgia Association of Water Professional	2				1									
Riner	Lanie	Georgia Green Industry Association, Inc.	2				1									
Stanley	Chris	Management Department	1		1	2										
Thoms	Tim									1						
Total Primary			4	0	1	0	2	0	0	2	0	1	0	2	0	0
Total Secondary			5	0	0	1	1	0	0	0	0	0	0	1	0	0
														0 New Applicants		
														0 Renewals		
														11 Total Members		

Last Name	First Name	Organization	Environmental Interests	Business Interests	Development Community	Recreation Interests	Professional Organization	Neighborhood/Homeowner Organization	Civic Groups	Urban Agriculture	Media Representatives	Power / Natural Gas	Academic Community	Water Resource Industry	Citizen	Other
Check	Richard	Retired Engineer	1													
Risser	Becca	Chattahoochee Riverkeeper	1						2							
Whitmire	John		1					2								
Total Primary			2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Secondary			0	0	0	0	0	1	1	0	0	0	0	0	0	0
												0 New Applicant				
												0 Renewal				
												3 Total Members				

Last Name	First Name	Organization	Environmental Interests	Business Interests	Development Community	Recreation Interests	Professional Organization	Neighborhood / Homeowner Organization	Civic Groups	Urban Agriculture	Media Representatives	Power / Natural Gas	Academic Community	Water Resource Industry	Citizen	Other
Bannister	Walter	Citizens of Rockdale														
Bennett	Evan		1											2		
Brocks	Dennis	NRCS														
Corral	Skye		1										2			
Gotier II	Robert F.	Clearview Technologies and Life Safety														
Horlacher	Rachel	NRCS														
Jensen	Richard Hale	City of Conyers														
Kelecheck	George		1							2						
LaRue	Mark	Walnut Creek Watershed Coalition	1													
Lichner	Nicole		1												2	
Lyons-Gary	Faye	DeKalb LWV/South DeKalb Community	1												2	
Manganiello	Chris	Chattahoochee Riverkeeper	1											2		
Middlebrooks	Kevin	Gwinnett County	2											1		
Oke	Elizabeth	PivotPath		1											2	
Parker	Lara	20 East Development LLC														
Patterson	George	Henry County SWCD														
Porterfield	Taylor		1					2								
Rhinehart	Ted	Perimeter CIDs					2								1	
Roesel	Cindy		1													
Staples	Charles	Lee Staples Realty Inc														
Sudduth	Elizabeth		2										1			
Thys	Alyssa							1							2	
Williams	Steve	Pluvial Solutions	1											2		
Wilson	Mark	Yellow River Water Trai	1			2										
Total Primary			9	1	0	0	0	1	0	0	0	0	1	1	1	0
Total Secondary			2	0	0	1	1	1	0	1	0	0	0	2	4	0
												0 New Applicants 0 Renewals 24 Existing Members				

Last Name	First Name	Organization	Environmental Interests	Business Interests	Development Community	Recreation Interests	Professional Organization	Neighborhood / Homeowner Organization	Civic Groups	Urban Agriculture	Media Representatives	Power / Natural Gas	Academic Community	Water Resource Industry	Citizen	Other
Clark	Carey	Ardurra	1											2		
Armentrout	Ethan William	PE	1		2											
Lamme	Ellis R.	Gwinnett SWCD														
Stachura	Jill	Brown and Caldwell	1			2										
Vivelo	Thomas		2		1											
VandenHeuvel	Kristan	The Water Tower (Gwinnett County Department of Water Resources)	2											1		
Total Primary			1	0	1	0	0	0	0	0	0	0	0	1	0	0
Total Secondary			2	0	0	1	0	0	0	0	0	0	0	0	0	0
														0 New Applicants		
														0 Renewals		
														6 Existing Members		



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

TO: Executive Committee

FROM: Metro Water District Staff

DATE: September 9, 2026

RE: Plan Amendment Proposal and Staff Recommendation
(City of Senoia)

The Metropolitan North Georgia Water Planning District received request from the City of Senoia to modify the Water Resources Management Plan. The Executive Committee met on June 3, 2026, and categorized the proposed changes for the City of Senoia, as a major amendment pursuant to the District's "Plan Amendment Guidelines" and initiated a 30-day public review and comment period.

The District solicited public review and comment on the proposed amendment from July 1, 2026 to July 30, 2026. The public review and comment period was advertised in the South Fulton Neighbor (copy of the announcement and published notice), on the District's website throughout the period, and by notice to the District's Governing Board, Technical Coordinating Committee, and Basin Advisory Councils sent via email (attached).

Amendment Request: Appendix B, Coweta County - Water

Local Jurisdiction: City of Senoia

Description: The City of Senoia requests that Appendix B, Coweta County - Water be revised to include a new surface water withdrawal and a new water treatment plant within the Line Creek watershed. The intent is to add additional surface water withdrawal and treatment capacity for a peak day equal to 1.5 mgd. The additional proposed treatment capacity would be constructed over the planning period, at the existing facility or a new site, with the potential for 2-phase construction such as two (2) 0.750 mgd phases. The City of Senoia currently has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a water treatment plant with a total capacity of 0.45 PD-MGD. The new withdrawal will allow the City to once again use the full capacity of the existing Senoia WTP. Additionally, the groundwater capacity for the City will be reduced to reflect the recent decommissioning of two wells.

The proposed revisions to Appendix B and additional background are provided in the attached June 3, 2026 Memo, *Plan Amendment Process Documentation and Staff Recommendation (City of Senoia)*.

Comments Summary:

The District received no formal responses to the proposed amendment.

Staff Recommendation:

Recommend that the plan be amended as requested. This project provides infrastructure improvements that will support the City of Senoia's proposed future growth and drinking water supply in the Line Creek watershed.



Metropolitan North Georgia Water Planning District

International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

TO: Executive Committee

FROM: Metro Water District Staff

DATE: June 3, 2026

RE: Plan Amendment Process Documentation and Staff Recommendation
(City of Senoia)

The Metropolitan North Georgia Water Planning District received a request from the City of Senoia to modify the Water Resources Management Plan. According to the Plan Amendment Guidelines adopted by the Board on August 28, 2013, District staff are required to provide the Executive Committee with a category recommendation concerning the plan amendment request prior to the meeting. Please find the following summary of the amendment request along with the District staff recommendation.

Amendment Request: Appendix B, Coweta County - Water

Local Jurisdiction: City of Senoia

Description: The City of Senoia requests that Appendix B, Coweta County - Water be revised to include a new surface water withdrawal and a new water treatment plant within the Line Creek watershed. The intent is to add additional surface water withdrawal and treatment capacity for a peak day equal to 1.5 mgd. The additional proposed treatment capacity would be constructed over the planning period, at the existing facility or a new site, with the potential for 2-phase construction such as two (2) 0.750 mgd phases. The City of Senoia currently has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a water treatment plant with a total capacity of 0.45 PD-MGD. The new withdrawal will allow the City to once again utilize the full capacity of the existing Senoia WTP. Additionally, the groundwater capacity for the City will be reduced to reflect the recent decommissioning of two wells.

Additional background is provided in the attached letter.

Staff Recommendation:

District staff recommend this request be categorized as a major amendment and subject to a 30-day public comment period because modification of the plan is local in nature but may be objected to by other local parties.

COWETA COUNTY - WATER (Page 1 of 2)

Summary of Planned Sources

Source	Local Water Provider	Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD) (Note 1)	
			Monthly (Note 2)	Peak Day
B.T. Brown Reservoir (Notes 3, 4, 5)	CCWSA	6.7	22.1	26.9
Chattahoochee River (Notes 3, 4, 5, 6)		Fills B.T. Brown Reservoir		
J.T. Haynes Reservoir	Newnan	14.0	14.0	18.6
Sandy Brown Creek		Fill J.T. Haynes Reservoir only		
White Oak Creek (Flint River)				
Line Creek (Flint River)				
Hutchins Lake (Keg Creek)	Senoia	0.3	0.34	0.45
Crystalline Rock Aquifer		0.233	0.233	0.233
Crystalline Rock Aquifer	CCWSA	0.504	0.504	0.504
Total Withdrawal (MGD)		21.7	37.1	46.7

Notes:

- 1) 2040 Planned Withdrawal reflects proposed plant capacities needed to accommodate projected water demands and incremental plant expansions.
- 2) Monthly is calculated by dividing Peak Day by 1.33, unless otherwise listed in current permits.
- 3) The B.T. Brown Reservoir and pumping system will be capable of providing 26.9 MGD at 2040. The water intake pump station and raw water transmission main from the Chattahoochee River will have the capacity to pump at a peak rate of 21.3 MGD at 2040. The buildout capacity will be constructed in phases as demands increase.
- 4) The withdrawal from the Chattahoochee River is to be pumped into B.T. Brown Reservoir for storage prior to treatment. The withdrawal from B.T. Brown Reservoir is taking water previously removed from the Chattahoochee River for treatment. As water demand continues to increase, CCWSA may seek additional storage to its reservoir system.
- 5) The withdrawals from the Chattahoochee River and B.T. Brown Reservoir are to serve as a replacement for an existing water source from a small tributary of the Chattahoochee River, which has proven its inability as a resilient water source in most recent droughts of record. This proposed Chattahoochee River withdrawal will allow the Authority to supply demands previously served by outside water providers and increase the resilience of its water supply.
- 6) The Chattahoochee River pump rate of 21.3 MGD for 2040 is required to help fill the B.T. Brown Reservoir. This withdrawal is not additive and is thus not included in the Total Withdrawal for Coweta County.

Summary of Needs

Water Demands & Capacities	2040 Peak Day Demand (PD-MGD) (Note 7)
Coweta County Needs	33.1
Self Supplied	-1.6
From Fulton County (City of Atlanta) (Note 8)	0.0
From Griffin's Still Branch Reservoir (Note 8)	-5.0
Total Projected Demand from Facilities (PD-MGD)	26.4
Treatment Capacity	46.7
Total Projected Demand from Facilities (AADF-MGD)	2040 (AADF-MGD)
	20.7

Notes:

- 7) District-wide planning peak day factor is 1.6 times annual average day.
For local system planning, the highest peak day factor was 1.56 from 2011 to 2019 in this County.
- 8) Coweta County Water and Sewer Authority (CCWSA) is seeking a permit from Georgia EPD to have a direct withdrawal from the Chattahoochee River. If that water withdrawal is permitted and constructed, CCWSA would no longer purchase from the City of Atlanta. In either scenario, total withdrawals from the Chattahoochee will not be affected. In the event that a withdrawal permit is obtained, the connection with the City of Atlanta will be maintained for emergency service.
- 9) The Still Branch Creek Reservoir is located outside of the District and is owned by the City of Griffin in Spalding County. The reservoir serves Pike and Spalding Counties as well as Coweta County. Coweta County has a purchase contract for 3.0 PDD-MGD of finished water (2012) from the City of Griffin which increases to 5.0 PDD-MGD on July 1, 2022.

COWETA COUNTY - WATER (Page 2 of 2)

Phasing Plan

Facilities (Note 10)	Existing (2021) Permitted Plant Capacity (PD-MGD)	By 2040 Plant Capacity at End of Period (PD-MGD)
Chattahoochee Basin		
CCWSA B.T. Brown WTP (Note 11)	6.4	26.9
Chattahoochee/Flint Basins		
Newnan Hershall Norred WTP	14.0	18.6
Flint Basin		
Senoia WTP (Note 12)	0.45	0.45
Groundwater		
Senoia	0.233	0.233
CCWSA Murphy Well	0.504	0.504
Total Capacity (PD-MGD)	21.6	46.7

Notes:

- 10) The schedule shown above is intended to be a general guideline to identify general expansion needs. Expansion capacity may be required sooner or later than indicated depending on local population and employment growth, water service extensions and other planning variables. Specific conditions for withdrawal and operation permits will be determined by Georgia EPD.
- 11) The B.T. Brown WTP should be expanded to 26.9 PD-MGD by 2040 to fully utilize the yield of B.T. Brown Reservoir.
- 12) The City of Senoia has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a WTP with a total capacity of 0.45 PD-MGD. The City will need to increase their water withdrawal permit in order to fully utilize the plant capacity.

Interconnections

Maintain existing interconnections and water supply agreements with City of Atlanta, City of Griffin and additional interconnections as necessary.

COWETA COUNTY - WATER (Page 1 of 2)

Summary of Planned Sources

Source	Local Water Provider	Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD) (Note 1)	
			Monthly (Note 2)	Peak Day
B.T. Brown Reservoir (Notes 3, 4, 5)	CCWSA	6.7	22.1	26.9
Chattahoochee River (Notes 3, 4, 5, 6)		Fills B.T. Brown Reservoir		
J.T. Haynes Reservoir	Newnan	14.0	14.0	18.6
Sandy Brown Creek		Fill J.T. Haynes Reservoir only		
White Oak Creek (Flint River)				
Line Creek (Flint River)				
Hutchins Lake (Keg Creek)	Senoia	0.3	0.34	0.45
Line Creek (Flint River)		0	1.125	1.5
Crystalline Rock Aquifer (Note 13)		0.233 0.119	0.233 0.119	0.233 0.119
Crystalline Rock Aquifer	CCWSA	0.504	0.504	0.504
Total Withdrawal (MGD)		21.7	37.1 38.2	46.7 48.1

Notes:

- 1) 2040 Planned Withdrawal reflects proposed plant capacities needed to accommodate projected water demands and incremental plant expansions.
- 2) Monthly is calculated by dividing Peak Day by 1.33, unless otherwise listed in current permits.
- 3) The B.T. Brown Reservoir and pumping system will be capable of providing 26.9 MGD at 2040. The water intake pump station and raw water transmission main from the Chattahoochee River will have the capacity to pump at a peak rate of 21.3 MGD at 2040. The buildout capacity will be constructed in phases as demands increase.
- 4) The withdrawal from the Chattahoochee River is to be pumped into B.T. Brown Reservoir for storage prior to treatment. The withdrawal from B.T. Brown Reservoir is taking water previously removed from the Chattahoochee River for treatment. As water demand continues to increase, CCWSA may seek additional storage to its reservoir system.
- 5) The withdrawals from the Chattahoochee River and B.T. Brown Reservoir are to serve as a replacement for an existing water source from a small tributary of the Chattahoochee River, which has proven its inability as a resilient water source in most recent droughts of record. This proposed Chattahoochee River withdrawal will allow the Authority to supply demands previously served by outside water providers and increase the resilience of its water supply.
- 6) The Chattahoochee River pump rate of 21.3 MGD for 2040 is required to help fill the B.T. Brown Reservoir. This withdrawal is not additive and is thus not included in the Total Withdrawal for Coweta County.

Summary of Needs

Water Demands & Capacities	2040 Peak Day Demand (PD-MGD) (Note 7)
Coweta County Needs	33.1
Self Supplied	-1.6
From Fulton County (City of Atlanta) (Note 8)	0.0
From Griffin's Still Branch Reservoir (Note 8)	-5.0
Total Projected Demand from Facilities (PD-MGD)	26.4
Treatment Capacity	46.7
Total Projected Demand from Facilities (AADF-MGD)	2040 (AADF-MGD)
	20.7

Notes:

- 7) District-wide planning peak day factor is 1.6 times annual average day.
 For local system planning, the highest peak day factor was 1.56 from 2011 to 2019 in this County.
- 8) Coweta County Water and Sewer Authority (CCWSA) is seeking a permit from Georgia EPD to have a direct withdrawal from the Chattahoochee River. If that water withdrawal is permitted and constructed, CCWSA would no longer purchase from the City of Atlanta. In either scenario, total withdrawals from the Chattahoochee will not be affected. In the event that a withdrawal permit is obtained, the connection with the City of Atlanta will be maintained for emergency service.
- 9) The Still Branch Creek Reservoir is located outside of the District and is owned by the City of Griffin in Spalding County. The reservoir serves Pike and Spalding Counties as well as Coweta County. Coweta County has a purchase contract for 3.0 PDD-MGD of finished water (2012) from the City of Griffin which increases to 5.0 PDD-MGD on July 1, 2022.

COWETA COUNTY - WATER (Page 2 of 2)

Phasing Plan

Facilities (Note 10)	Existing (2021) Permitted Plant Capacity (PD-MGD)	By 2040 Plant Capacity at End of Period (PD-MGD)
Chattahoochee Basin		
CCWSA B.T. Brown WTP (Note 11)	6.4	26.9
Chattahoochee/Flint Basins		
Newnan Hershall Norred WTP	14.0	18.6
Flint Basin		
Senoia WTP (Note 12)	0.45	0.45
Proposed Senoia WTP #2	0	1.5
Groundwater		
Senoia (Note 13)	-0.233 0.119	-0.233 0.119
CCWSA Murphy Well	0.504	0.504
Total Capacity (PD-MGD)	-21.6 21.5	-46.7 48.1

Notes:

- 10) The schedule shown above is intended to be a general guideline to identify general expansion needs. Expansion capacity may be required sooner or later than indicated depending on local population and employment growth, water service extensions and other planning variables. Specific conditions for withdrawal and operation permits will be determined by Georgia EPD.
- 11) The B.T. Brown WTP should be expanded to 26.9 PD-MGD by 2040 to fully utilize the yield of B.T. Brown Reservoir.
- 12) The City of Senoia has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a WTP with a total capacity of 0.45 PD-MGD. The City will need to increase their water withdrawal permit in order to fully utilize the plant capacity.
- 13) **Groundwater wells will remain in service as long as practicable.**

Interconnections

Maintain existing interconnections and water supply agreements with City of Atlanta, City of Griffin and additional interconnections as necessary.



May 8, 2026

Maya Goldman, P.E.
Metropolitan North Georgia Water Planning District
229 Peachtree St NE, Suite 100
International Tower
Atlanta, Georgia 30303

RE: Line Creek Withdrawal Permit
Senoia, Georgia
H&A File No. 6085-020

Dear Maya:

Hofstadter & Associates, Inc. (H&A) respectfully submits this letter on behalf of the City of Senoia to formally request an amendment to the Metropolitan North Georgia Water Planning District ***“Water Resources Management Plan (December 2022)”*** (WRMP). Specifically, we request that the amendment revise the WRMP Appendix B County-Level Summaries for Senoia under the Coweta County – Water heading. The requested changes include two (2) subjects: (1) The current and planned 2040 groundwater withdrawal allocation from the Crystalline Rock Aquifer will be reduced from 0.233 mgd to 0.119 mgd to match the EPD permit; and (2) The planned 2040 surface water withdrawal allocation will be increased by 1.5 mgd from a new Line Creek intake structure and water treatment plant. The requested changes will be shown in more detail in the ***“Amendment Request Description”*** section of this letter.

Background

The City of Senoia is currently in a multi-year planning process to ensure that adequate water and wastewater infrastructure is available for existing and future populations, including residential, non-residential, and industrial users. The City recognizes that it is critical to coordinate with both Georgia EPD and with the Metropolitan North Georgia Water Planning District when planning for long-range infrastructure upgrades. The City submitted a Surface Water Withdrawal Permit Application to Georgia EPD on July 2, 2025 for a potential new site. The City now desires to request an amendment to the WRMP that aligns with the surface water withdrawal permit application. Much of the supporting information found within this request letter was originally published by H&A in an accompanying document for the EPD permit application process. The document is titled ***“Addendum No. 1 – Surface Water Withdrawal Permit Application [Line Creek] for the City of Senoia, Georgia”*** (October 2025).

Status of Groundwater Wells

A well summary is presented below.



Well No.	Location	Status
#1	Pylant Street	De-commissioned
#2	Renwick Drive	In-service
#3	Renwick Drive	De-commissioned due to iron bacteria
#4	Renwick Drive	In-service

The current practical capacity of the two (2) operational wells is approximately 0.080 mgd.

The WRMP Appendix B Summary of Planned Sources allocates 0.233 mgd of groundwater wells (from the Crystalline Rock Aquifer) for both the “Current” and “Planned 2040” time periods. Likewise, the Phasing Plan allocates 0.233 mgd of Groundwater for both the “Existing” and “By 2040” time periods. However, Georgia EPD issued Groundwater Withdrawal Permit No. 038-0006 on January 27, 2025 (see enclosure) that authorizes 0.119 mgd monthly average and 0.119 mgd annual average. The new permit reflects the de-commissioning of two wells.

Based on City experience with Wells #1 and #3, trends indicate that future production from Wells #2 and #4 may completely fail.

(a) February 2026 Action

The City of Senoia shut the two (2) remaining groundwater wells off at the end of February 2026 because of water quality issues. City personnel plan to leave them off indefinitely.

Description of Reservoir and Water Treatment Plant

Hutchins Lake serves as Senoia’s reservoir which supplies raw water to the water treatment plant. Georgia EPD authorizes the City to withdraw surface water from the reservoir at the rate of 0.300 mgd daily maximum and 0.300 mgd monthly average under Surface Water Withdrawal Permit No. 038-1102-05 (see enclosure). Georgia EPD reduced the permitted intake capacity from 0.450 mgd -to- 0.300 mgd in previous permit cycles because of the effects of sediment accumulation in the reservoir.

Georgia EPD authorizes the Senoia Water Treatment Plant (WTP) to treat 0.450 mgd under Permit-to-Operate-a-Public-Water-System No. CS00770003 (see enclosure). It is noted that the full treatment plant capacity cannot be utilized since the permitted surface water withdrawal amount is limited to 0.300 mgd.

12-Month Production Records

Senoia has several reliable drinking water supply sources to provide potable water to the water system’s customers. These sources include finished water from:

- Senoia Water Treatment Plant
- Senoia Groundwater Wells
- Coweta County Water and Sewerage Authority (CCWSA)



(a) Year 2024 Production

City of Senoia water production numbers for Year 2024 are presented below.

Month	WTP Production	Well Production	Total City Production	County Purchase	Total	Avg. Daily Demand
January 2024	6,190,771	1,998,700	8,189,471	6,539,974	14,729,445	475,143
February 2024	5,433,346	1,528,300	6,961,646	5,302,114	12,263,760	422,888
March 2024	5,980,700	2,660,200	8,640,900	4,319,635	12,960,535	418,082
April 2024	6,353,659	2,784,300	9,137,959	6,081,524	15,219,483	507,316
May 2024	6,278,963	647,600	6,926,563	11,293,873	18,220,436	587,756
June 2024	5,091,968	2,374,400	7,466,368	14,963,995	22,430,363	747,679
July 2024	5,359,259	2,580,100	7,939,359	11,316,169	19,255,528	621,146
August 2024	5,544,538	2,631,200	8,175,738	12,490,593	20,666,331	666,656
September 2024	5,997,101	2,202,200	8,199,301	10,334,464	18,533,765	617,792
October 2024	7,286,014	2,454,300	9,740,314	8,174,362	17,914,676	577,893
November 2024	7,427,527	2,441,800	9,869,327	4,438,629	14,307,956	476,932
December 2024	6,614,770	2,463,100	9,077,870	0	9,077,870	292,835
Total	73,558,616	26,766,200	100,324,816	95,255,332	195,580,148	534,372
Daily Average	200,980	73,132	274,112	260,260	534,372	

NOTES

- (1) Production / Purchase / Total units: (gallons)
- (2) Avg. Daily Demand units: (gallons per day)

(a) Year 2025 Production

City of Senoia water production numbers for Year 2025 are presented below.

Month	WTP Production	Well Production	Total City Production	County Purchase	Total	Avg. Daily Demand
January 2025	6,112,502	243,200	6,355,702	6,731,272	13,086,974	422,160
February 2025	5,379,978	789,500	6,169,478	6,054,053	12,223,531	436,555
March 2025	7,810,160	2,697,100	10,507,260	2,896,197	13,403,457	432,370
April 2025	7,127,161	2,684,500	9,811,661	5,440,739	15,252,400	508,413
May 2025	7,138,810	2,771,300	9,910,110	6,059,612	15,969,722	515,152
June 2025	7,833,719	2,660,000	10,493,719	6,106,445	16,600,164	553,339
July 2025	8,355,600	2,649,936	11,005,536	5,972,099	16,977,635	547,666
August 2025	8,389,480	2,566,900	10,956,380	4,682,120	15,638,500	504,468
September 2025	8,342,559	2,468,600	10,811,159	7,525,200	18,336,359	611,212
October 2025	8,924,758	2,510,900	11,435,658	7,282,182	18,717,840	603,801
November 2025	8,743,377	2,470,300	11,213,677	3,273,714	14,487,391	482,913
December 2025	8,509,765	2,550,900	11,060,665	2,798,516	13,859,181	447,070
Total	92,667,869	27,063,136	119,731,005	64,822,149	184,553,154	505,625
Daily Average	253,885	74,146	328,030	177,595	505,625	

NOTES

- (1) Production / Purchase / Total units: (gallons)
- (2) Avg. Daily Demand units: (gallons per day)



Production vs. Current Demand Analysis

The production records show that Senoia's production capacity is in deficit relative to the current system demand. The Year 2024 deficit is shown to be 0.260 mgd, and the Year 2025 deficit is 0.177 mgd. The production shortfall is fulfilled by importing finished water from an outside source – CCWSA. Without new production capacity, the deficit will grow over time as system demand increases and as the groundwater well production is reduced.

(a) Year 2024 Deficit

The Year 2024 minimum theoretical deficit of 0.115 mgd is calculated as the amount of finished water required to be imported if the WTP and groundwater wells operated at full capacity. (Similar calculations could be performed for other time periods that would yield similar results.)

$$\text{Min. Theoretical Deficit} = [\text{Year 2024 Demand}] - [\text{Production Capacity}]$$

With,

$$\text{Year 2024 Demand} = 0.534 \text{ mgd}$$

$$\begin{aligned} \text{Production Capacity} &= [\text{WTP Capacity}] + [\text{Groundwater Well Capacity}] \\ &= 0.300 \text{ mgd} + 0.119 \text{ mgd} \\ &= 0.419 \text{ mgd} \end{aligned}$$

$$\begin{aligned} \text{Min. Theoretical Deficit} &= 0.534 \text{ mgd} - 0.419 \text{ mgd} \\ &= 0.115 \text{ mgd} \end{aligned}$$

The Year 2024 theoretical deficit increases to 0.234 mgd if the groundwater well capacity is reduced to 0.000 mgd under a “wells-completely-failed” scenario.

(b) Year 2025 Deficit

The Year 2025 minimum theoretical deficit of 0.086 mgd is calculated below.

$$\text{Min. Theoretical Deficit} = [\text{Year 2025 Demand}] - [\text{Production Capacity}]$$

With,

$$\text{Year 2025 Demand} = 0.505 \text{ mgd}$$

$$\text{Production Capacity} = 0.419 \text{ mgd (see previous section)}$$

$$\begin{aligned} \text{Min. Theoretical Deficit} &= 0.505 \text{ mgd} - 0.419 \text{ mgd} \\ &= 0.086 \text{ mgd} \end{aligned}$$

The Year 2025 theoretical deficit increases to 0.205 mgd if the groundwater well capacity is reduced to 0.000 mgd under a “wells-completely-failed” scenario.



(c) Conclusion

Because the water treatment plant and the groundwater wells cannot produce water at 100% efficiency on an annual basis, the actual deficit will exceed the minimum theoretical deficit.

The actual production records and the theoretical deficit calculations summarized below show that the City of Senoia needs additional finished water production capability at the present time and in the future to overcome the deficit.

Year	Demand (mgd)	Min. Theoretical Deficit (mgd)	Min. Theoretical Deficit w/o Wells (mgd)	Actual Deficit (mgd)
2024	0.534	0.115	0.234	0.260
2025	0.505	0.086	0.205	0.177

Population Demand Projections

The U.S. Census Bureau website data shows historical populations. The retrieved data is summarized below.

Population Data - (Senoia & Coweta Co.)

Year	Senoia Population	Coweta County Population	Senoia Pop. / Coweta Pop. (%)	Source of Data
1990	956	53,853	1.78%	U.S. Census Bureau
2000	1,738	89,215	1.95%	
2010	3,307	127,317	2.60%	
2020	5,016	146,158	3.43%	

Different planning organizations, including the Metropolitan North Georgia Water Planning District (MNGWPD), the Atlanta Regional Commission (ARC), and the Georgia Governor's Office of Planning and Budget (OPB), have developed future population projections for Coweta County. For long-range planning purposes, the City of Senoia population will be estimated by assigning a share of the Coweta County population. The city share will be estimated to increase from the Year 2020 share of 3.43% to a Year 2060 share of 5.0% over the planning period. The low- and high- range projections are shown below.

Population Projections - (Senoia & Coweta Co.)

Year	Coweta County		Assigned Share	Senoia	
	Low-Range	High-Range		Low-Range	High-Range
2030	172,938	189,442	3.823%	6,611	7,241
2040	190,688	224,105	4.215%	8,037	9,446
2050	204,078	255,714	4.608%	9,403	11,782
2060	213,847	290,192	5.000%	10,692	14,510

Sources

- (1) Georgia Governor's Office of Planning and Budget (OPB) website / "Population Projections Visualization" tab
- (2) Atlanta Regional Commission (ARC) & OPB data published by MNGWPD "WRMP" (Dec. 2022) -- Table 4-1

Water Demand Projections

The Senoia water demand estimate will be calculated as [the estimated future population] x [the per capita water demand]. The following per capita water demand estimating approaches are analyzed to determine a flow range.

(a) Published Planning Document Estimate

The WRMP Figure 3-2 (reproduced below) shows a per capita water demand of 99 gallons per capita per day (gpcpd) for the entire District.

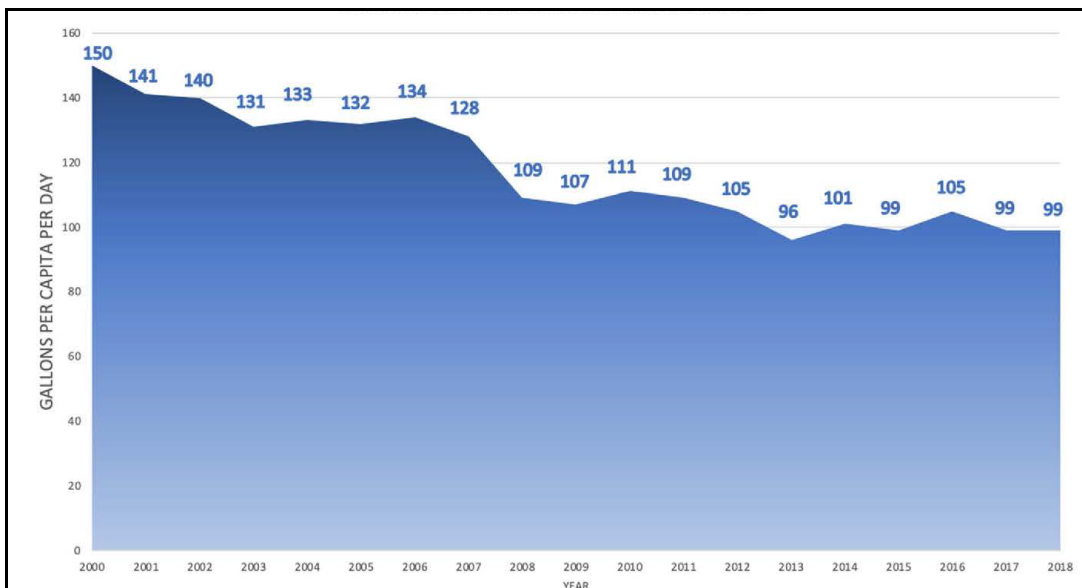


Figure 3-2. District Per Capita Water Use Trend 2000-2018

Note: This gallons per capita per day (GPCPD) calculation is the sum of all municipal and industrial demands in the District divided by the population of the District. It accounts for water sales into and out of the District. Note that population is based upon the latest estimated census values (last visited June 18, 2020).



(b) Published Planning Document Water Demand Forecasts Divided by the Forecasted Population

The WRMP Tables 4-1 and 4-2 provide county level population projections and water demand forecasts. For planning purposes, it is assumed that water demand for Senoia users will match the county-wide demand. See the per capita estimates below.

Category	2040 (OPB High)	2060 (ARC)	2060 (OPB High)
Coweta County Demand (AADF-MGD)	20.7	21.0	27.3
Population Estimate	224,105	223,397	290,192
Per Capita Water Demand (GPCPD)	93	94	94

(c) Actual Current Water Production Divided by the Estimated Current Population

Based on the actual 2024 production volume, and based on the most-current population estimate from the 2020 Census, the per capita water demand is calculated below.

$$\begin{aligned} \text{[Per capita water demand, GPCPD]} &= \text{[Average daily demand, gpd]} / \text{[Population]} \\ &= [534,372 \text{ gpd}] / [5,016] \\ &= 107 \text{ GPCPD} \end{aligned}$$

Projections

The low- and high-range per capita water demand estimates (i.e., 93 -to- 107 gpcpd) will be applied to the low- and high-range population forecasts to determine a planning estimate for the future. The projected average water demand estimate ranges between 0.994 mgd and 1.552 mgd at Year 2060. It is noted that certain days, including the peak day, will be above the average demand.

Average Flow Demand Projections - (Senoia)

Year	Population	Per capita Demand (GPCPD)	Total Water Demand (gpd)	High-Range	Per capita Demand (GPCPD)	Total Water Demand (gpd)
<i>Low-Population / Low Per Capita Demand</i>				<i>Low-Population / High Per Capita Demand</i>		
2030	6,611	93	614,823	6,611	107	707,377
2040	8,037	93	747,441	8,037	107	859,959
2050	9,403	93	874,479	9,403	107	1,006,121
2060	10,692	93	994,356	10,692	107	1,144,044
<i>High-Population / Low Per Capita Demand</i>				<i>High-Population / High Per Capita Demand</i>		
2030	7,241	93	673,413	7,241	107	774,787
2040	9,446	93	878,478	9,446	107	1,010,722
2050	11,782	93	1,095,726	11,782	107	1,260,674
2060	14,510	93	1,349,430	14,510	107	1,552,570

Infrastructure Upgrade Concept Planning

The City of Senoia plans to upgrade the water production infrastructure to meet the existing and future needs. The improvements envision increasing both the surface water withdrawal capacity and the water treatment capacity. Groundwater wells will be kept in service as long as practical before they are de-commissioned, if necessary. The long-range plan is to add additional surface water withdrawal capacity and treatment capacity equal to 1.5 mgd

A second surface water withdrawal site will provide additional raw water capacity as well as redundancy to protect against service interruptions at the existing site. Additional treatment capacity will be constructed in phases over the planning period. For example, a new 1.5 mgd WTP could be constructed either at the same site as the existing facility or at a new site near the proposed surface water withdrawal structure. The new WTP could be constructed in phases, such as two (2) 0.750 mgd phases. However, the raw water transmission main would be sized to transport flows from the intake structure to the WTP for both the initial and ultimate phases.

An estimated project timeline for the new surface water withdrawal intake structure and the initial WTP addition is presented below. The timeline forecasts the start of construction in Year 2029 with facility commissioning in Year 2030.

- Planning, including Land Acquisition – 12 months
- Design – 12 months
- Permitting – 6 months
- Financing / Funding – 6 months
- Capital Project Construction – 12 months

Description of Proposed Intake Site #2

The City of Senoia is at the planning-level stage of seeking a second surface water withdrawal site (Intake Site #2). The active permit application on file with Georgia EPD envisions Intake Site #2 on Line Creek at State Route 74/85. However, the City is still considering other potential locations within the Line Creek Basin for Intake Site #2. If the City selects another site, then the Surface Water Withdrawal Permit Application on file at EPD will be amended, and a new Safe Yield Analysis will be performed to verify that sufficient stream flow is available.

Amendment Request Description

The City of Senoia requests that MNGWPD amend the Appendix B County-Level Water Summary for Coweta County. Our recommended summaries are shown below.

Summary of Planned Sources

Source	Local Water Provider	Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD)		Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD)	
			Monthly	Peak Day		Monthly	Peak Day
Hutchins Lake (Keg Creek)	Senoia	0.3	0.34	0.45	0.3	0.3375	0.45
Intake Site #2 (Line Creek Basin)		---	---	---	0	1.125	1.5
Crystalline Rock Aquifer		0.233	0.233	0.233	0.119	0.119 (A)	0.119 (A)

Notes:

(A) Groundwater wells will remain in service as long as practical.

Phasing Plan

Facilities	Existing Permitted Plant Capacity (PD-MGD)	Plant Capacity at End of Period (PD-MGD)	Existing Permitted Plant Capacity (PD-MGD)	Plant Capacity at End of Period (PD-MGD)
Flint Basin				
Senoia WTP	0.45	0.45	0.45	0.45
Proposed Senoia WTP #2	---	---	0	1.5
Groundwater				
Senoia	0.233	0.233	0.119	0.119 (A)

Notes:

(A) Groundwater wells will remain in service as long as practical.

There is no need to amend the wastewater summary at this time.



If you should have any questions or need additional information, please don't hesitate to call.

Sincerely,

HOFSTADTER AND ASSOCIATES, INC.

A handwritten signature in blue ink that reads 'John Fry'.

John B. Fry, Jr., P.E.
Project Engineer

Cc: Jessie Cox, w/ Encl.

Encl. (1) Groundwater Withdrawal Permit No. 038-0006
(2) Surface Water Withdrawal Permit No. 038-1102-05
(3) Permit-to-Operate-a-Public-Water-System No. CS00770003



ENVIRONMENTAL PROTECTION DIVISION

Jeffrey W. Cown, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1052, East Tower
Atlanta, Georgia 30334
404-463-1511

01/27/2025

Ms. Jessie Cox
City of Senoia
PO Box 310
Senoia, GA 30276

Re: Groundwater Withdrawal Permit No. 038-0006

Dear Ms. Cox:

In accordance with the Georgia Groundwater Use Act, as amended, a Modified permit to withdraw groundwater has been issued by the Division and is hereby enclosed. Please read your permit and note that your total system groundwater production limits are:

0.119 million gallons per day (mgd) monthly average and 0.119 mgd annual average,

from **two** well(s) in the **Crystalline Rock** aquifer(s). Also, please read the Standard Conditions and Special Conditions contained within the permit. This permit will expire on the **19th day of April 2033** and must be renewed prior to the expiration date. Any change in the withdrawal limits or conditions under which your permit was issued will require a permit modification, see Chapter 391-3-2-.06, paragraph 6 of the Rules for specifics.

Please be aware that you are required to submit Groundwater Use Reports (GWURs) on a monthly basis, which must be sent to EPD by the 10th day of the following month. The current "Monthly Groundwater Use Reporting Form" is available from the EPD website at: (<https://epd.georgia.gov/water-withdrawal-permitting-forms>). Please send each completed GWUR to:

ground.water@dnr.ga.gov

Or

Georgia Environmental Protection Division
Water Supply Program
Groundwater Withdrawal Unit
2 Martin Luther King Jr. Dr., S.E.
East Floyd Towers, Suite 1052
Atlanta, Georgia 30334

If you have any further questions, please call me at 470-524-0567, or email me at bill.frechette@dnr.ga.gov.

Sincerely,

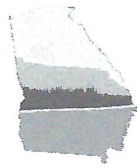
William Frechette

William Frechette
Unit Manager
Water Supply Program - Groundwater Unit

Enclosure

cc: Mountain District Office, EPD

PERMIT NO. 038-0006
ISSUANCE DATE: 01/27/2025



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO USE GROUNDWATER

PERMIT HOLDER'S NAME: **City of Senoia**
PERMIT HOLDER'S ADDRESS: **PO Box 310, Senoia, GA 30276**
COUNTY: **Coweta County**

In accordance with the Provisions of the Groundwater Use Act, (O.C.G.A § 12-5-90 et seq.) as amended, and the Rules and Regulations for Groundwater Use, Chapter 391-3-2, promulgated pursuant thereto, this Permit is issued to withdraw, obtain, or utilize a maximum system wide total of groundwater in the amount of:

0.119 million gallons per day monthly average and **0.119** million gallons per day annual average;

from **two** well(s) located near/at **Senoia, Georgia – Coweta County** for the purpose of a consumptive use for **a central water supply**.

This Permit is conditioned upon the permit holder complying with all of the terms, conditions, and schedules of compliance specified on the attached pages, which are hereby made a part of this Permit.

In accordance with the application dated **April 9, 2024** and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the Environmental Protection Division (EPD) and are hereby made part of this Permit.

This permit is effective from the date first above written and is subject to revocation on evidence of noncompliance with any of the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto; or with any representation made in the above mentioned application or the statements and supporting data entered therein or attached thereto; or with any condition of this permit.

Absent prior revocation in accordance with the above language, this Permit will expire on the **19th day of April 2033**.



Jeffrey W. Cown

Jeffrey W. Cown, Director
Environmental Protection Division

This Permit is conditioned upon the permit holder complying with the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto;

1) **GENERAL REQUIREMENTS**

- a) This Permit is valid for ground water withdrawal from the **Crystalline Rock** Aquifer(s). No other aquifer(s) can be used without the approval of the EPD.
- b) The withdrawal of groundwater is limited to the quantities and purpose of the water herein specified.
- c) Water associated with this Permit must not be withdrawn by, released for, or otherwise utilized by any other entity or for any other purpose, without first modifying this Permit.
- d) This Permit must not be transferred except with the approval of the EPD.
- e) The replacement of any permitted well must receive prior approval from the EPD.
- f) This permit supersedes any and all previous permits of the same permit number.

2) **PERMIT RENEWAL**

All permit holders desiring to renew a permit shall submit an application for renewal to the EPD Director within six (6) months of the permit's expiration.

3) **PERMIT MODIFICATION**

- a) The permit holder may seek modification of any of the terms of an unexpired permit upon written request to the EPD Director.
- b) The Georgia EPD has the authority to modify any groundwater withdrawal permit at any time.

4) **MONITORING AND REPORTING**

- a) If multiple aquifers are designated in Condition (1a) above, groundwater withdrawal from each aquifer must be reported separately, in addition to the total amount withdrawn from all wells. Each aquifer must be identified on the Groundwater Withdrawal Report, in addition to listing the well or wells that are producing from each aquifer. If a well is producing in more than one aquifer, it is to be noted.
- b) The Groundwater Withdrawal Report must be submitted MONTHLY in accordance with the following schedule:
 - Production between the first day of the month and the last day of the month will be submitted to EPD by the 10th day of the following month (ex. January 1st through January 31st groundwater withdrawal data will be reported to the EPD by February 10th).

4) **MONITORING AND REPORTING (Continued)**

- c) In accordance with the Groundwater Use Rules, 391-3-2-.08(1), a permit holder will measure and record the static and pumping levels of each aquifer utilized and the date the water levels were measured on a semi-annual basis, submitting the results to EPD. Semi-Annual Water Level measurements must be collected from the highest yielding wells, using the same wells for each reporting period and preferably taking the measurements during the same two months of the year (six months apart). One well should be measured for every five permitted wells (i.e., if you have between one and five permitted wells, conduct measurements for one well; if you have between six and ten permitted wells, conduct measurements from two of the permitted wells, etc.).
- d) In accordance with the Groundwater Use Rules, 391-3-2-.08(2), a permit holder will analyze a raw groundwater sample for specific conductance on an annual basis. Analysis for specific conductance must be conducted in accordance with 40 Code of Federal Regulations, Part 141.89. A raw groundwater sample must be collected for every five permitted wells (i.e., if you have between one and five permitted wells, collect one raw groundwater sample for analysis; if you have between six and ten permitted wells, collect a raw groundwater sample from two of the permitted wells, etc.). The groundwater samples will be collected from the highest yielding wells. The results must be submitted to EPD and include the date sampled, well number, temperature of water sample at time of testing, the specific conductance result, and the units of measurement.

5) **WATER PLANNING REQUIREMENTS**

- a) This groundwater withdrawal permit and any future modifications or re-issuances of such, is conditioned upon implementation of the permit holder's Water Conservation Plan developed in accordance with the Rules and Regulations for Groundwater Use, Chapter 391-3-2, and the Georgia Water Stewardship Act. It should be regularly updated to be consistent with current EPD guidelines.
- b) The permit holder must submit a Water Conservation Progress Report to the Division five years after permit issuance, and every five years thereafter.
- c) In accordance with the Rules for Public Water Systems to Improve Water Supply Efficiency (391-3-33), Public Water Systems that regularly serve 3,300 or more individuals must submit an annual Water Audit to EPD by March 1 of each year. Any future permit action is conditional upon the demonstration of progress toward increased water efficiency. The permit holder must maintain ongoing compliance with the following:
 - 1. Establishment of a Water Loss Control Program and associated goals to set measures of water supply efficiency.
 - 2. Demonstration of progress toward increased water efficiency using the measures established.

5) **WATER PLANNING REQUIREMENTS (Continued)**

- d) The permit holder must abide by all applicable drought response requirements, which include but are not limited to the Georgia Drought Management Rule (391-3-30), the Georgia Water Stewardship Act, and the permit holder's Drought Contingency Plan.
- e) The permit holder must maintain ongoing compliance with applicable **Metropolitan North Georgia Water Planning District** Regional Water Plan requirements.

6) **SPECIAL CONDITIONS**

- a) To ensure progress toward increasing water supply efficiency, the permittee must provide a progress report every year starting one (1) year from the permit issuance date, based on the permittee's Water Loss Control Plan, on efforts made to reduce Water Loss within the permittee's system. The progress reports must provide a description of implemented measures and how the implemented measures have reduced the system's Non-Revenue Water. This annual report must continue to be submitted every year to ensure continued progress.
- b) The permit holder will cooperate with the Georgia EPD in the coordination of its water withdrawal requirements associated with this Groundwater Withdrawal Permit and the following additional Water Withdrawal Permit(s):
 - **038-1102-05**



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

Aug 31, 2022

Mr. Harold Simmons, City Manager
City of Senoia
Post Office Box 310
Senoia, Georgia 30276-0310

RE: Surface Water Withdrawal Permit Application (Renewal)
Permit # 038-1102-05
Source: Hutchins Lake in Flint River Basin
Permit Limits: 0.30 mgd max 24-hr day/ 0.30 mgd monthly average

Dear Mr. Simmons:

In accordance with the Georgia Water Quality Control Act, as amended, the above-referenced permit to withdraw surface water from Hutchins Lake in the Flint River Basin has been issued by the Division and is hereby enclosed. The conditions of compliance are provided in this permit. Specifically, please note that Standard Condition (4)(b) requires the permit holder to submit a monthly Surface Water Withdrawal Report to the Division within the first ten (10) days of the calendar month for the previous month. The Report must show daily raw water withdrawals associated with this permit. A copy of this reporting form is included.

Please also note that exceeding the maximum 24-hour or monthly average withdrawal limitations is a permit violation and must be reported to the Water Protection Branch by telephone at (404) 463-1511 within 48 hours and confirmed in writing within ten (10) days. Failure to comply with any of the provisions of the Permit may make the permit holder liable for civil penalties as provided by the Act.

If you have any questions, please contact me via email at kelli-ann.sottile@dnr.ga.gov.

Sincerely,

Kelli-Ann Sottile Schrage

Kelli-Ann Sottile Schrage
Surface Water Unit, Manager
Water Supply Program

Enclosure(s)

PERMIT NO. 038-1102-05
ISSUANCE DATE: Aug 31, 2022



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO WITHDRAW, DIVERT OR IMPOUND SURFACE WATER

PERMIT HOLDER'S NAME **City of Senoia**
PERMIT HOLDER'S ADDRESS **P. O. Box 310, Senoia, Georgia 30276**
COUNTY: **Coweta**

In accordance with the provisions of the Georgia Water Quality Control Act, (O.C.G.A. § 12-5-20 et seq.) as amended, and the Rules and Regulations for Water Quality Control, Chapter 391-3-6, promulgated pursuant thereto, this permit is issued to withdraw surface water from Hutchins Lake in the Flint River Basin for the purpose of municipal water supply.

The City of Senoia (Permittee) must comply with the following limitations:

- (1) Maximum 24 hour: Withdrawal 0.30 MGD; Impoundment ____ MGD; Diversion ____ MGD
- (2) Not to exceed a monthly average of 0.30 MGD

This Permit is conditioned upon the permit holder complying with the attached **Standard Conditions** (1 through 5) and the additional **Special Conditions** (8 through 13) which are hereby made a part of this Permit.

In accordance with the application dated 12/9/2021 and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the Environmental Protection Division of the Department of Natural Resources and are hereby made part of this Permit.

This Permit is effective from the date first above written and is subject to revocation pursuant to the Georgia Water Quality Control Act, as amended, O.C.G.A. § 12-5-31 (k).

Absent prior revocation in accordance with the above language, this Permit will expire **ten (10) years** from the issuance date on this permit.



R. Dunn

Richard E. Dunn, Director
Environmental Protection Division

This permit is conditioned upon the permittee complying with the provisions of the Water Quality Control Act, as amended, or any of the Rules and Regulations promulgated thereto;

STANDARD CONDITIONS

1) GENERAL PERMIT CHARACTERISTICS

- a) The use of surface water is limited to the quantities and purposes as specified herein.
- b) Water associated with this Permit must not be withdrawn by, released for, or otherwise utilized by any other entity or for any other purpose without first modifying this Permit.
- c) This permit must not be transferred except with the approval of the Georgia Environmental Protection Division.
- d) This permit supersedes any and all previous permits of the same permit number.

2) PERMIT RENEWAL

All permittees desiring to renew a permit must submit an application for renewal to the Director within six (6) months prior to its expiration.

3) PERMIT MODIFICATION

- a) The permittee may seek modification of any of the terms of an unexpired permit upon written request to the Director.
- b) The Georgia Environmental Protection Division (EPD) has the authority to modify any surface water withdrawal permit at any time.

4) MONITORING AND REPORTING

- a) The permittee must submit annually to the EPD, within 30 days of completion of the calendar year, a report listing for each month of the previous year:
 - 1. The gallons per day withdrawn, based on an average of the daily withdrawals for the month; and,
 - 2. The maximum 24-hour withdrawal.
- b) In addition to Condition 4a, the permittee must submit to EPD within ten (10) days of completion of the calendar month, a monthly Surface Water Withdrawal Report for the previous month showing daily raw water withdrawals associated with this Permit.

5) WATER PLANNING REQUIREMENTS

- a) The permittee must abide by all applicable water conservation requirements, which may include but are not limited to submission of a Water Conservation Plan for EPD approval and submission of a five-year Water Conservation Progress Report in accordance with Georgia Rules and Regulations (Rule) 391-3-6-.07. The Progress Report must include all actions and improvements made to conserve water and reduce water loss and shall be submitted for EPD review by five (5) years from the issuance date of this permit.
- b) The permittee must abide by all applicable drought response requirements, which include but are not limited to the Georgia Drought Management Rule (Rule 391-3-30) and the permittee's Drought Contingency Plan.
- c) The permittee must maintain ongoing compliance with applicable "Metro North Georgia Water Planning District" requirements.

SYSTEM INFORMATION

- 6) The Permittee owns and operates a water system in Coweta County for the purpose of municipal water supply. The system consists of a surface water withdrawal under this permit, four (4) active ground water wells with permitted capacity of 233,000 gallons per day under Groundwater Permit No. 038-0006, and a surface water treatment plant with a present permitted capacity of 300,000 gallons per day operating under Permit No. CS0770003. The system also includes one (1) clearwell with a total capacity of 100,000 gallons, two (2) elevated storage tanks with a total capacity of 700,000 gallons, and a distribution system consisting of 2-inch through 12-inch pipes. The permittee's surface water system is shown in Figure 1 of this permit.
- 7) In addition to the permitted surface and groundwater water withdrawals discussed above, the permittee also purchases water from Coweta County via two (2) metered connections within the system.

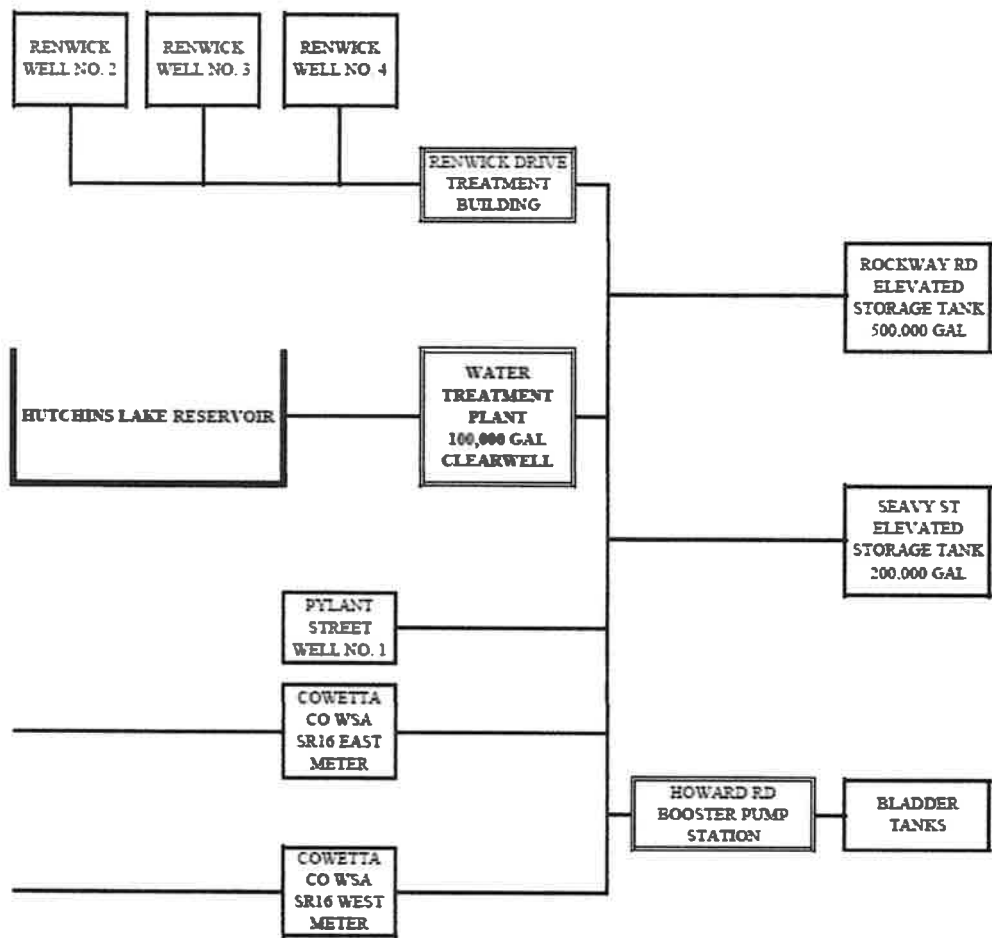
SPECIAL CONDITIONS

- 8) The permittee's water withdrawal is from Hutchins Lake. The intake structure is located approximately 200 feet west of Rockaway Road, Senoia, Georgia in Coweta County. All water withdrawn must be metered as it enters the Senoia Water Treatment Facility, and the withdrawal record must be maintained at the facility and reported to EPD.
- 9) The permittee must operate in accordance with all criteria for Water Supply Watersheds as outlined in Rule 391-3-16-.01, including the applicable Water Supply Watershed Protection Plan.

- 10) In accordance with Rule 391-3-33-.05, any future renewal or modification is conditioned upon the demonstration of progress towards increased water efficiency. The permittee must submit an annual Water Audit by March 1 of each year and maintain ongoing compliance with the following:
 - a) Establishment of a Water Loss Control Program and associated goals to set measures of water supply efficiency.
 - b) Demonstration of progress toward increased water efficiency using the measures established.
- 11) To ensure progress toward improved water supply efficiency, the permittee must provide a progress report every year starting one (1) year from this permit issuance date, based on the permittee's Water Loss Control Plan, on efforts made to reduce Water Loss within the permittee's system. The progress report must provide a description of implemented measures and how the implemented measures have reduced the system's Non-Revenue Water (NRW). This annual report must continue to be submitted every year to ensure increasing water efficiency.
- 12) The permittee must not transfer any water withdrawn via this permit to any entity operating outside the Flint River basin without EPD approval of such a transfer.
- 13) The permittee must cooperate with the EPD in the coordination of its water withdrawal requirements associated with this Permit and Groundwater Permit No. 038-0006.

Figure 1
(as provided by the applicant)

CITY OF SENOLA
WATER SYSTEM SCHEMATIC 2022





ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

MAR 27 2020

Honorable Charles F. Eichorst
City of Senoia
P.O. Box 310
Senoia, GA 30276-0310

Re: **Senoia Water System**
WSID# 0770003
Coweta County

Dear Mayor Eichorst:

In accordance with the Georgia Safe Drinking Water Act of 1977, as passed by the Georgia General Assembly, and the Rules for Safe Drinking Water, Chapter 391-3-5, a permit to operate the Senoia Water System, a public water system located in Coweta County, Georgia has been issued by the Environmental Protection Division (EPD) and is hereby enclosed. The specific conditions for operation of the water system are outlined in the pages attached to the permit. **Please provide a copy of this permit to anyone directly involved in the operation or sample collection for this water system.**

The Rules for Safe Drinking Water, Chapter 391-3-5, specify the number and frequency of microbiological, chemical, and radiological samples that must be analyzed for your water system. These compliance samples must be analyzed by EPD's Laboratory or any other commercial laboratory certified by EPD to conduct the analyses. If you participate in EPD's "Drinking Water Laboratory and Related Services", sample bottles with instructions for sample collection, preservation, and return shipping will be mailed to you as sampling is required. If you do not utilize the services of EPD's Laboratory for testing, you are responsible for complying with all applicable monitoring schedules in the Rules for Safe Drinking Water. Please visit <http://gadrinkingwater.net> to view your required monitoring schedules and other pertinent water system information.

Please remember that all bacteriological and chemical samples, reports, and other information for this system that are submitted to EPD should be identified by the water system identification number, WSID# 0770003.

Sincerely,

Peter C. Nwogu
Drinking Water Unit Manager

Enclosure

cc: Drinking Water Permitting & Engineering Program, EPD
Coweta County Health Department

PERMIT NO. CS0770003

ISSUE DATE: MAR 27 2020



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO OPERATE A PUBLIC WATER SYSTEM

In compliance with the provisions of the **GEORGIA SAFE DRINKING WATER ACT of 1977, O.C.G.A. 12-5-170 et. seq.**, and the **RULES, CHAPTER 391-3-5**, adopted pursuant to the ACT

City of Senoia

is issued a **PERMIT TO OPERATE A PUBLIC COMMUNITY WATER SYSTEM** named

Senoia Water System

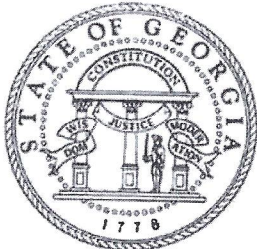
and located at

Peachtree, Coweta County, Georgia

THIS PERMIT to operate the above public water system shall become effective on the date shown above and shall have a fixed term of ten (10) years, absent any prior revocation or modification.

THIS PERMIT is issued subject to the terms, conditions and schedules of compliance as follows:

1. **THE PERMITTEE** shall at all times operate the public water system in full compliance with the **GEORGIA SAFE DRINKING WATER ACT of 1977**, and the **RULES, CHAPTER 391-3-5**, adopted under the ACT. **THE DIRECTOR** may modify, suspend or revoke this permit as provided therein.
2. **THIS PERMIT** is transferable only with a change of ownership. **THE PERMITTEE** shall notify the succeeding owner by letter of the existing permit and surrender the original permit to the Director. The succeeding owner shall apply to the Director for a permit transfer within 30 days of receiving title to the property.
3. **THIS PERMIT** is further subject to the terms, conditions and schedules of compliance specified on the attached pages.



Richard E. Dunn, Director
Environmental Protection Division

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

OWNER: City of Senoia

PERMIT NO.: CS0770003

SYSTEM: Senoia Water System

PERMIT CONDITIONS

4. **This permit is for the operation of a public water system using surface water as the principal source of supply, supplemented by four (4) wells.** The approved production rate(s) for the surface water treatment plant(s) and other approved sources of water are:

Hutchens Lake, Source 101
Senoia Water Plant: 337.5 GPM (0.450 MGD) W/ 2 FILTERS @ 3 GPM/SQFT
Coweta County Water System, WSID#0770042, Source 102
Well #1 Pylant Street, Source 103
Well #2 Renwick Drive, source 104
Well #3 Tudor Way, Source 105
Well #4 Renwick Drive, Source 106

Operation of the water plant(s) in excess of the approved production rate(s) in a twenty-four (24) hour period (starting at 0000 to midnight 2400 hours) is a violation of this permit. Violations must be reported to the Drinking Water Program by telephone within forty-eight (48) hours and confirmed in writing within ten (10) days. **The total amount of water produced must not exceed the limits imposed by your surface water withdrawal permit, #038-1102-05, or your groundwater withdrawal permit, #038-0005.**

5. The permittee must provide continuous disinfection by chlorinating all water distributed by the system to maintain a detectable residual of free chlorine in the recommended amount of 0.2 milligrams per liter in all parts of the distribution system, or as specified in Section 391-3-5-.14, as amended, of the Rules for Safe Drinking Water.

6. **The permittee shall analyze or have analyzed all microbiological and chemical samples required by the Rules for Safe Drinking Water, Chapter 391-3-5. Monitoring for each contaminant must be performed as scheduled by the Georgia Environmental Protection Division's (EPD) Watershed Compliance Program (WCP). The supplier must provide all test results to the WCP within the time frames established in the schedules.** The permittee may use the laboratory services of the EPD's certified laboratory or any other laboratory certified by the WCP to perform the specific analysis. If a laboratory other than the EPD's certified laboratory is used, the laboratory results must be submitted to the following address as specified in Section 391-3-5-.30:

Environmental Protection Division
Watershed Protection Branch Compliance Program
Drinking Water Compliance Unit
2 Martin Luther King, Jr. Drive, SE, Suite 1152 East
Atlanta, Georgia 30334

The format used to report results must be approved by the WCP and must identify the system by the water system identification number, WSID# 0770003, and the laboratory performing the analysis. The laboratory's certification number must be included on the report. Results requiring immediate notification should be reported to the WCP by telephone at (404) 463-1511 or fax at (404) 651-9590.

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

OWNER: City of Senoia

PERMIT NO.: CS0770003

SYSTEM: Senoia Water System

7. Reports must be maintained by the permittee on the premises of the water system and be available for inspection. **A true and correct copy of the operation records and other reports must be sent to the following address, by the tenth day of the month following the month being reported, unless otherwise stated in Section 391-3-5-.30 or elsewhere in the Rules:**

Environmental Protection Division
Drinking Water Permitting & Engineering Program
Suite 1362, Floyd Towers East
2 Martin Luther King, Jr. Drive, SE
Atlanta, Georgia 30334
Phone: (404) 656-2750
Fax: (404) 651-9590

8. **The permittee shall ensure that this public water system is operated in compliance with the Georgia Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act, as amended, and the Rules adopted thereunder. The certification classification must be consistent with the public water system classification specified in Section 391-3-5-.39 of the Rules for Safe Drinking Water.**

9. The permittee shall comply with O.C.G.A Sections 12-5-7 and 12-5-8 regarding limitations on outdoor irrigation, local variances from state restrictions on outdoor watering, and any rules and regulations related to drought management promulgated thereafter. This condition applies to any water system that holds a water withdrawal permit, or uses water provided by a system with a withdrawal permit.

10. Drinking water distributed by the permittee should not contain any impurity which will cause offense to the sense of sight, taste or smell and should not be excessively corrosive as to cause degradation of the water quality or deterioration of the distribution system, as specified in Section 391-3-5-.19 and .26 of the Rules for Safe Drinking Water.

11. The permittee is required to have a water conservation plan on file with the Division.

12. **The permittee is required to provide continuous fluoridation to all water distributed by the system, as specified in Section 391-3-5-.16 of the Rules for Safe Drinking Water.**

13. The permittee shall comply with Section 391-3-5-.40, Wellhead Protection and the approved Wellhead Protection Plan, which is incorporated herein by reference as a condition of this permit.

14. The permittee shall comply with Section 391-3-5-.06 of the Rules for Safe Drinking Water and shall meter all water supply sources connected to the public water system and shall report the system's water usage to the EPD's Drinking Water Permitting & Engineering Program.

15. The permittee shall comply with Section 391-3-5-.10 of the Rules for Safe Drinking Water and shall meter all new services connected to public water systems, unless specifically directed otherwise by the Director.

16. This permit replaces all Permits to Operate a Public Water System previously issued for the operation of this public water system.

COWETA COUNTY - WATER (Page 1 of 2)

Summary of Planned Sources

Source	Local Water Provider	Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD) (Note 1)	
			Monthly (Note 2)	Peak Day
B.T. Brown Reservoir (Notes 3, 4, 5)	CCWSA	6.7	22.1	26.9
Chattahoochee River (Notes 3, 4, 5, 6)		Fills B.T. Brown Reservoir		
J.T. Haynes Reservoir	Newnan	14.0	14.0	18.6
Sandy Brown Creek		Fill J.T. Haynes Reservoir only		
White Oak Creek (Flint River)				
Line Creek (Flint River)				
Hutchins Lake (Keg Creek)	Senoia	0.3	0.34	0.45
Crystalline Rock Aquifer		0.233	0.233	0.233
Crystalline Rock Aquifer	CCWSA	0.504	0.504	0.504
Total Withdrawal (MGD)		21.7	37.1	46.7

Notes:

- 1) 2040 Planned Withdrawal reflects proposed plant capacities needed to accommodate projected water demands and incremental plant expansions.
- 2) Monthly is calculated by dividing Peak Day by 1.33, unless otherwise listed in current permits.
- 3) The B.T. Brown Reservoir and pumping system will be capable of providing 26.9 MGD at 2040. The water intake pump station and raw water transmission main from the Chattahoochee River will have the capacity to pump at a peak rate of 21.3 MGD at 2040. The buildout capacity will be constructed in phases as demands increase.
- 4) The withdrawal from the Chattahoochee River is to be pumped into B.T. Brown Reservoir for storage prior to treatment. The withdrawal from B.T. Brown Reservoir is taking water previously removed from the Chattahoochee River for treatment. As water demand continues to increase, CCWSA may seek additional storage to its reservoir system.
- 5) The withdrawals from the Chattahoochee River and B.T. Brown Reservoir are to serve as a replacement for an existing water source from a small tributary of the Chattahoochee River, which has proven its inability as a resilient water source in most recent droughts of record. This proposed Chattahoochee River withdrawal will allow the Authority to supply demands previously served by outside water providers and increase the resilience of its water supply.
- 6) The Chattahoochee River pump rate of 21.3 MGD for 2040 is required to help fill the B.T. Brown Reservoir. This withdrawal is not additive and is thus not included in the Total Withdrawal for Coweta County.

Summary of Needs

Water Demands & Capacities	2040 Peak Day Demand (PD-MGD) (Note 7)
Coweta County Needs	33.1
Self Supplied	-1.6
From Fulton County (City of Atlanta) (Note 8)	0.0
From Griffin's Still Branch Reservoir (Note 8)	-5.0
Total Projected Demand from Facilities (PD-MGD)	26.4
Treatment Capacity	46.7
Total Projected Demand from Facilities (AADF-MGD)	2040 (AADF-MGD)
	20.7

Notes:

- 7) District-wide planning peak day factor is 1.6 times annual average day.
For local system planning, the highest peak day factor was 1.56 from 2011 to 2019 in this County.
- 8) Coweta County Water and Sewer Authority (CCWSA) is seeking a permit from Georgia EPD to have a direct withdrawal from the Chattahoochee River. If that water withdrawal is permitted and constructed, CCWSA would no longer purchase from the City of Atlanta. In either scenario, total withdrawals from the Chattahoochee will not be affected. In the event that a withdrawal permit is obtained, the connection with the City of Atlanta will be maintained for emergency service.
- 9) The Still Branch Creek Reservoir is located outside of the District and is owned by the City of Griffin in Spalding County. The reservoir serves Pike and Spalding Counties as well as Coweta County. Coweta County has a purchase contract for 3.0 PDD-MGD of finished water (2012) from the City of Griffin which increases to 5.0 PDD-MGD on July 1, 2022.

COWETA COUNTY - WATER (Page 2 of 2)

Phasing Plan

Facilities (Note 10)	Existing (2021) Permitted Plant Capacity (PD-MGD)	By 2040 Plant Capacity at End of Period (PD-MGD)
Chattahoochee Basin		
CCWSA B.T. Brown WTP (Note 11)	6.4	26.9
Chattahoochee/Flint Basins		
Newnan Hershall Norred WTP	14.0	18.6
Flint Basin		
Senoia WTP (Note 12)	0.45	0.45
Groundwater		
Senoia	0.233	0.233
CCWSA Murphy Well	0.504	0.504
Total Capacity (PD-MGD)	21.6	46.7

Notes:

- 10) The schedule shown above is intended to be a general guideline to identify general expansion needs. Expansion capacity may be required sooner or later than indicated depending on local population and employment growth, water service extensions and other planning variables. Specific conditions for withdrawal and operation permits will be determined by Georgia EPD.
- 11) The B.T. Brown WTP should be expanded to 26.9 PD-MGD by 2040 to fully utilize the yield of B.T. Brown Reservoir.
- 12) The City of Senoia has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a WTP with a total capacity of 0.45 PD-MGD. The City will need to increase their water withdrawal permit in order to fully utilize the plant capacity.

Interconnections

Maintain existing interconnections and water supply agreements with City of Atlanta, City of Griffin and additional interconnections as necessary.

COWETA COUNTY - WATER (Page 1 of 2)

Summary of Planned Sources

Source	Local Water Provider	Current Permitted Withdrawal Monthly Average (MGD)	Planned 2040 Withdrawal (MGD) (Note 1)	
			Monthly (Note 2)	Peak Day
B.T. Brown Reservoir (Notes 3, 4, 5)	CCWSA	6.7	22.1	26.9
Chattahoochee River (Notes 3, 4, 5, 6)		Fills B.T. Brown Reservoir		
J.T. Haynes Reservoir	Newnan	14.0	14.0	18.6
Sandy Brown Creek		Fill J.T. Haynes Reservoir only		
White Oak Creek (Flint River)				
Line Creek (Flint River)				
Hutchins Lake (Keg Creek)	Senoia	0.3	0.34	0.45
Line Creek (Flint River)		0	1.125	1.5
Crystalline Rock Aquifer (Note 13)		0.233 0.119	0.233 0.119	0.233 0.119
Crystalline Rock Aquifer	CCWSA	0.504	0.504	0.504
Total Withdrawal (MGD)		21.7	37.1 38.2	46.7 48.1

Notes:

- 1) 2040 Planned Withdrawal reflects proposed plant capacities needed to accommodate projected water demands and incremental plant expansions.
- 2) Monthly is calculated by dividing Peak Day by 1.33, unless otherwise listed in current permits.
- 3) The B.T. Brown Reservoir and pumping system will be capable of providing 26.9 MGD at 2040. The water intake pump station and raw water transmission main from the Chattahoochee River will have the capacity to pump at a peak rate of 21.3 MGD at 2040. The buildout capacity will be constructed in phases as demands increase.
- 4) The withdrawal from the Chattahoochee River is to be pumped into B.T. Brown Reservoir for storage prior to treatment. The withdrawal from B.T. Brown Reservoir is taking water previously removed from the Chattahoochee River for treatment. As water demand continues to increase, CCWSA may seek additional storage to its reservoir system.
- 5) The withdrawals from the Chattahoochee River and B.T. Brown Reservoir are to serve as a replacement for an existing water source from a small tributary of the Chattahoochee River, which has proven its inability as a resilient water source in most recent droughts of record. This proposed Chattahoochee River withdrawal will allow the Authority to supply demands previously served by outside water providers and increase the resilience of its water supply.
- 6) The Chattahoochee River pump rate of 21.3 MGD for 2040 is required to help fill the B.T. Brown Reservoir. This withdrawal is not additive and is thus not included in the Total Withdrawal for Coweta County.

Summary of Needs

Water Demands & Capacities	2040 Peak Day Demand (PD-MGD) (Note 7)
Coweta County Needs	33.1
Self Supplied	-1.6
From Fulton County (City of Atlanta) (Note 8)	0.0
From Griffin's Still Branch Reservoir (Note 8)	-5.0
Total Projected Demand from Facilities (PD-MGD)	26.4
Treatment Capacity	46.7
Total Projected Demand from Facilities (AADF-MGD)	2040 (AADF-MGD)
	20.7

Notes:

- 7) District-wide planning peak day factor is 1.6 times annual average day.
 For local system planning, the highest peak day factor was 1.56 from 2011 to 2019 in this County.
- 8) Coweta County Water and Sewer Authority (CCWSA) is seeking a permit from Georgia EPD to have a direct withdrawal from the Chattahoochee River. If that water withdrawal is permitted and constructed, CCWSA would no longer purchase from the City of Atlanta. In either scenario, total withdrawals from the Chattahoochee will not be affected. In the event that a withdrawal permit is obtained, the connection with the City of Atlanta will be maintained for emergency service.
- 9) The Still Branch Creek Reservoir is located outside of the District and is owned by the City of Griffin in Spalding County. The reservoir serves Pike and Spalding Counties as well as Coweta County. Coweta County has a purchase contract for 3.0 PDD-MGD of finished water (2012) from the City of Griffin which increases to 5.0 PDD-MGD on July 1, 2022.

COWETA COUNTY - WATER (Page 2 of 2)

Phasing Plan

Facilities (Note 10)	Existing (2021) Permitted Plant Capacity (PD-MGD)	By 2040 Plant Capacity at End of Period (PD-MGD)
Chattahoochee Basin		
CCWSA B.T. Brown WTP (Note 11)	6.4	26.9
Chattahoochee/Flint Basins		
Newnan Hershall Norred WTP	14.0	18.6
Flint Basin		
Senoia WTP (Note 12)	0.45	0.45
Proposed Senoia WTP #2	0	1.5
Groundwater		
Senoia (Note 13)	-0.233 0.119	-0.233 0.119
CCWSA Murphy Well	0.504	0.504
Total Capacity (PD-MGD)	-21.6 21.5	-46.7 48.1

Notes:

- 10) The schedule shown above is intended to be a general guideline to identify general expansion needs. Expansion capacity may be required sooner or later than indicated depending on local population and employment growth, water service extensions and other planning variables. Specific conditions for withdrawal and operation permits will be determined by Georgia EPD.
- 11) The B.T. Brown WTP should be expanded to 26.9 PD-MGD by 2040 to fully utilize the yield of B.T. Brown Reservoir.
- 12) The City of Senoia has a withdrawal permit with a monthly limit of 0.3 MGD from Hutchins Lake and a WTP with a total capacity of 0.45 PD-MGD. The City will need to increase their water withdrawal permit in order to fully utilize the plant capacity.
- 13) **Groundwater wells will remain in service as long as practicable.**

Interconnections

Maintain existing interconnections and water supply agreements with City of Atlanta, City of Griffin and additional interconnections as necessary.



ENVIRONMENTAL PROTECTION DIVISION

Jeffrey W. Cown, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1052, East Tower
Atlanta, Georgia 30334
404-463-1511

01/27/2025

Ms. Jessie Cox
City of Senoia
PO Box 310
Senoia, GA 30276

Re: Groundwater Withdrawal Permit No. 038-0006

Dear Ms. Cox:

In accordance with the Georgia Groundwater Use Act, as amended, a Modified permit to withdraw groundwater has been issued by the Division and is hereby enclosed. Please read your permit and note that your total system groundwater production limits are:

0.119 million gallons per day (mgd) monthly average and 0.119 mgd annual average,

from **two** well(s) in the **Crystalline Rock** aquifer(s). Also, please read the Standard Conditions and Special Conditions contained within the permit. This permit will expire on the **19th day of April 2033** and must be renewed prior to the expiration date. Any change in the withdrawal limits or conditions under which your permit was issued will require a permit modification, see Chapter 391-3-2-.06, paragraph 6 of the Rules for specifics.

Please be aware that you are required to submit Groundwater Use Reports (GWURs) on a monthly basis, which must be sent to EPD by the 10th day of the following month. The current "Monthly Groundwater Use Reporting Form" is available from the EPD website at: (<https://epd.georgia.gov/water-withdrawal-permitting-forms>). Please send each completed GWUR to:

ground.water@dnr.ga.gov

Or

Georgia Environmental Protection Division
Water Supply Program
Groundwater Withdrawal Unit
2 Martin Luther King Jr. Dr., S.E.
East Floyd Towers, Suite 1052
Atlanta, Georgia 30334

If you have any further questions, please call me at 470-524-0567, or email me at bill.frechette@dnr.ga.gov.

Sincerely,

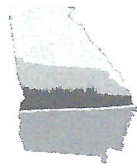
William Frechette

William Frechette
Unit Manager
Water Supply Program - Groundwater Unit

Enclosure

cc: Mountain District Office, EPD

PERMIT NO. 038-0006
ISSUANCE DATE: 01/27/2025



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO USE GROUNDWATER

PERMIT HOLDER'S NAME: **City of Senoia**
PERMIT HOLDER'S ADDRESS: **PO Box 310, Senoia, GA 30276**
COUNTY: **Coweta County**

In accordance with the Provisions of the Groundwater Use Act, (O.C.G.A § 12-5-90 et seq.) as amended, and the Rules and Regulations for Groundwater Use, Chapter 391-3-2, promulgated pursuant thereto, this Permit is issued to withdraw, obtain, or utilize a maximum system wide total of groundwater in the amount of:

0.119 million gallons per day monthly average and **0.119** million gallons per day annual average;

from **two** well(s) located near/at **Senoia, Georgia – Coweta County** for the purpose of a consumptive use for **a central water supply**.

This Permit is conditioned upon the permit holder complying with all of the terms, conditions, and schedules of compliance specified on the attached pages, which are hereby made a part of this Permit.

In accordance with the application dated **April 9, 2024** and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the Environmental Protection Division (EPD) and are hereby made part of this Permit.

This permit is effective from the date first above written and is subject to revocation on evidence of noncompliance with any of the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto; or with any representation made in the above mentioned application or the statements and supporting data entered therein or attached thereto; or with any condition of this permit.

Absent prior revocation in accordance with the above language, this Permit will expire on the **19th day of April 2033**.



Jeffrey W. Cown

Jeffrey W. Cown, Director
Environmental Protection Division

This Permit is conditioned upon the permit holder complying with the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto;

1) **GENERAL REQUIREMENTS**

- a) This Permit is valid for ground water withdrawal from the **Crystalline Rock** Aquifer(s). No other aquifer(s) can be used without the approval of the EPD.
- b) The withdrawal of groundwater is limited to the quantities and purpose of the water herein specified.
- c) Water associated with this Permit must not be withdrawn by, released for, or otherwise utilized by any other entity or for any other purpose, without first modifying this Permit.
- d) This Permit must not be transferred except with the approval of the EPD.
- e) The replacement of any permitted well must receive prior approval from the EPD.
- f) This permit supersedes any and all previous permits of the same permit number.

2) **PERMIT RENEWAL**

All permit holders desiring to renew a permit shall submit an application for renewal to the EPD Director within six (6) months of the permit's expiration.

3) **PERMIT MODIFICATION**

- a) The permit holder may seek modification of any of the terms of an unexpired permit upon written request to the EPD Director.
- b) The Georgia EPD has the authority to modify any groundwater withdrawal permit at any time.

4) **MONITORING AND REPORTING**

- a) If multiple aquifers are designated in Condition (1a) above, groundwater withdrawal from each aquifer must be reported separately, in addition to the total amount withdrawn from all wells. Each aquifer must be identified on the Groundwater Withdrawal Report, in addition to listing the well or wells that are producing from each aquifer. If a well is producing in more than one aquifer, it is to be noted.
- b) The Groundwater Withdrawal Report must be submitted MONTHLY in accordance with the following schedule:
 - Production between the first day of the month and the last day of the month will be submitted to EPD by the 10th day of the following month (ex. January 1st through January 31st groundwater withdrawal data will be reported to the EPD by February 10th).

4) **MONITORING AND REPORTING (Continued)**

- c) In accordance with the Groundwater Use Rules, 391-3-2-.08(1), a permit holder will measure and record the static and pumping levels of each aquifer utilized and the date the water levels were measured on a semi-annual basis, submitting the results to EPD. Semi-Annual Water Level measurements must be collected from the highest yielding wells, using the same wells for each reporting period and preferably taking the measurements during the same two months of the year (six months apart). One well should be measured for every five permitted wells (i.e., if you have between one and five permitted wells, conduct measurements for one well; if you have between six and ten permitted wells, conduct measurements from two of the permitted wells, etc.).
- d) In accordance with the Groundwater Use Rules, 391-3-2-.08(2), a permit holder will analyze a raw groundwater sample for specific conductance on an annual basis. Analysis for specific conductance must be conducted in accordance with 40 Code of Federal Regulations, Part 141.89. A raw groundwater sample must be collected for every five permitted wells (i.e., if you have between one and five permitted wells, collect one raw groundwater sample for analysis; if you have between six and ten permitted wells, collect a raw groundwater sample from two of the permitted wells, etc.). The groundwater samples will be collected from the highest yielding wells. The results must be submitted to EPD and include the date sampled, well number, temperature of water sample at time of testing, the specific conductance result, and the units of measurement.

5) **WATER PLANNING REQUIREMENTS**

- a) This groundwater withdrawal permit and any future modifications or re-issuances of such, is conditioned upon implementation of the permit holder's Water Conservation Plan developed in accordance with the Rules and Regulations for Groundwater Use, Chapter 391-3-2, and the Georgia Water Stewardship Act. It should be regularly updated to be consistent with current EPD guidelines.
- b) The permit holder must submit a Water Conservation Progress Report to the Division five years after permit issuance, and every five years thereafter.
- c) In accordance with the Rules for Public Water Systems to Improve Water Supply Efficiency (391-3-33), Public Water Systems that regularly serve 3,300 or more individuals must submit an annual Water Audit to EPD by March 1 of each year. Any future permit action is conditional upon the demonstration of progress toward increased water efficiency. The permit holder must maintain ongoing compliance with the following:
 - 1. Establishment of a Water Loss Control Program and associated goals to set measures of water supply efficiency.
 - 2. Demonstration of progress toward increased water efficiency using the measures established.

5) **WATER PLANNING REQUIREMENTS (Continued)**

- d) The permit holder must abide by all applicable drought response requirements, which include but are not limited to the Georgia Drought Management Rule (391-3-30), the Georgia Water Stewardship Act, and the permit holder's Drought Contingency Plan.
- e) The permit holder must maintain ongoing compliance with applicable **Metropolitan North Georgia Water Planning District** Regional Water Plan requirements.

6) **SPECIAL CONDITIONS**

- a) To ensure progress toward increasing water supply efficiency, the permittee must provide a progress report every year starting one (1) year from the permit issuance date, based on the permittee's Water Loss Control Plan, on efforts made to reduce Water Loss within the permittee's system. The progress reports must provide a description of implemented measures and how the implemented measures have reduced the system's Non-Revenue Water. This annual report must continue to be submitted every year to ensure continued progress.
- b) The permit holder will cooperate with the Georgia EPD in the coordination of its water withdrawal requirements associated with this Groundwater Withdrawal Permit and the following additional Water Withdrawal Permit(s):
 - **038-1102-05**



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

Aug 31, 2022

Mr. Harold Simmons, City Manager
City of Senoia
Post Office Box 310
Senoia, Georgia 30276-0310

RE: Surface Water Withdrawal Permit Application (Renewal)
Permit # 038-1102-05
Source: Hutchins Lake in Flint River Basin
Permit Limits: 0.30 mgd max 24-hr day/ 0.30 mgd monthly average

Dear Mr. Simmons:

In accordance with the Georgia Water Quality Control Act, as amended, the above-referenced permit to withdraw surface water from Hutchins Lake in the Flint River Basin has been issued by the Division and is hereby enclosed. The conditions of compliance are provided in this permit. Specifically, please note that Standard Condition (4)(b) requires the permit holder to submit a monthly Surface Water Withdrawal Report to the Division within the first ten (10) days of the calendar month for the previous month. The Report must show daily raw water withdrawals associated with this permit. A copy of this reporting form is included.

Please also note that exceeding the maximum 24-hour or monthly average withdrawal limitations is a permit violation and must be reported to the Water Protection Branch by telephone at (404) 463-1511 within 48 hours and confirmed in writing within ten (10) days. Failure to comply with any of the provisions of the Permit may make the permit holder liable for civil penalties as provided by the Act.

If you have any questions, please contact me via email at kelli-ann.sottile@dnr.ga.gov.

Sincerely,

Kelli-Ann Sottile Schrage

Kelli-Ann Sottile Schrage
Surface Water Unit, Manager
Water Supply Program

Enclosure(s)

PERMIT NO. 038-1102-05
ISSUANCE DATE: Aug 31, 2022



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO WITHDRAW, DIVERT OR IMPOUND SURFACE WATER

PERMIT HOLDER'S NAME **City of Senoia**
PERMIT HOLDER'S ADDRESS **P. O. Box 310, Senoia, Georgia 30276**
COUNTY: **Coweta**

In accordance with the provisions of the Georgia Water Quality Control Act, (O.C.G.A. § 12-5-20 et seq.) as amended, and the Rules and Regulations for Water Quality Control, Chapter 391-3-6, promulgated pursuant thereto, this permit is issued to withdraw surface water from Hutchins Lake in the Flint River Basin for the purpose of municipal water supply.

The City of Senoia (Permittee) must comply with the following limitations:

- (1) Maximum 24 hour: Withdrawal 0.30 MGD; Impoundment ____ MGD; Diversion ____ MGD
- (2) Not to exceed a monthly average of 0.30 MGD

This Permit is conditioned upon the permit holder complying with the attached **Standard Conditions** (1 through 5) and the additional **Special Conditions** (8 through 13) which are hereby made a part of this Permit.

In accordance with the application dated 12/9/2021 and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the Environmental Protection Division of the Department of Natural Resources and are hereby made part of this Permit.

This Permit is effective from the date first above written and is subject to revocation pursuant to the Georgia Water Quality Control Act, as amended, O.C.G.A. § 12-5-31 (k).

Absent prior revocation in accordance with the above language, this Permit will expire **ten (10) years** from the issuance date on this permit.



R. Dunn

Richard E. Dunn, Director
Environmental Protection Division

This permit is conditioned upon the permittee complying with the provisions of the Water Quality Control Act, as amended, or any of the Rules and Regulations promulgated thereto;

STANDARD CONDITIONS

1) GENERAL PERMIT CHARACTERISTICS

- a) The use of surface water is limited to the quantities and purposes as specified herein.
- b) Water associated with this Permit must not be withdrawn by, released for, or otherwise utilized by any other entity or for any other purpose without first modifying this Permit.
- c) This permit must not be transferred except with the approval of the Georgia Environmental Protection Division.
- d) This permit supersedes any and all previous permits of the same permit number.

2) PERMIT RENEWAL

All permittees desiring to renew a permit must submit an application for renewal to the Director within six (6) months prior to its expiration.

3) PERMIT MODIFICATION

- a) The permittee may seek modification of any of the terms of an unexpired permit upon written request to the Director.
- b) The Georgia Environmental Protection Division (EPD) has the authority to modify any surface water withdrawal permit at any time.

4) MONITORING AND REPORTING

- a) The permittee must submit annually to the EPD, within 30 days of completion of the calendar year, a report listing for each month of the previous year:
 - 1. The gallons per day withdrawn, based on an average of the daily withdrawals for the month; and,
 - 2. The maximum 24-hour withdrawal.
- b) In addition to Condition 4a, the permittee must submit to EPD within ten (10) days of completion of the calendar month, a monthly Surface Water Withdrawal Report for the previous month showing daily raw water withdrawals associated with this Permit.

5) WATER PLANNING REQUIREMENTS

- a) The permittee must abide by all applicable water conservation requirements, which may include but are not limited to submission of a Water Conservation Plan for EPD approval and submission of a five-year Water Conservation Progress Report in accordance with Georgia Rules and Regulations (Rule) 391-3-6-.07. The Progress Report must include all actions and improvements made to conserve water and reduce water loss and shall be submitted for EPD review by five (5) years from the issuance date of this permit.
- b) The permittee must abide by all applicable drought response requirements, which include but are not limited to the Georgia Drought Management Rule (Rule 391-3-30) and the permittee's Drought Contingency Plan.
- c) The permittee must maintain ongoing compliance with applicable "Metro North Georgia Water Planning District" requirements.

SYSTEM INFORMATION

- 6) The Permittee owns and operates a water system in Coweta County for the purpose of municipal water supply. The system consists of a surface water withdrawal under this permit, four (4) active ground water wells with permitted capacity of 233,000 gallons per day under Groundwater Permit No. 038-0006, and a surface water treatment plant with a present permitted capacity of 300,000 gallons per day operating under Permit No. CS0770003. The system also includes one (1) clearwell with a total capacity of 100,000 gallons, two (2) elevated storage tanks with a total capacity of 700,000 gallons, and a distribution system consisting of 2-inch through 12-inch pipes. The permittee's surface water system is shown in Figure 1 of this permit.
- 7) In addition to the permitted surface and groundwater water withdrawals discussed above, the permittee also purchases water from Coweta County via two (2) metered connections within the system.

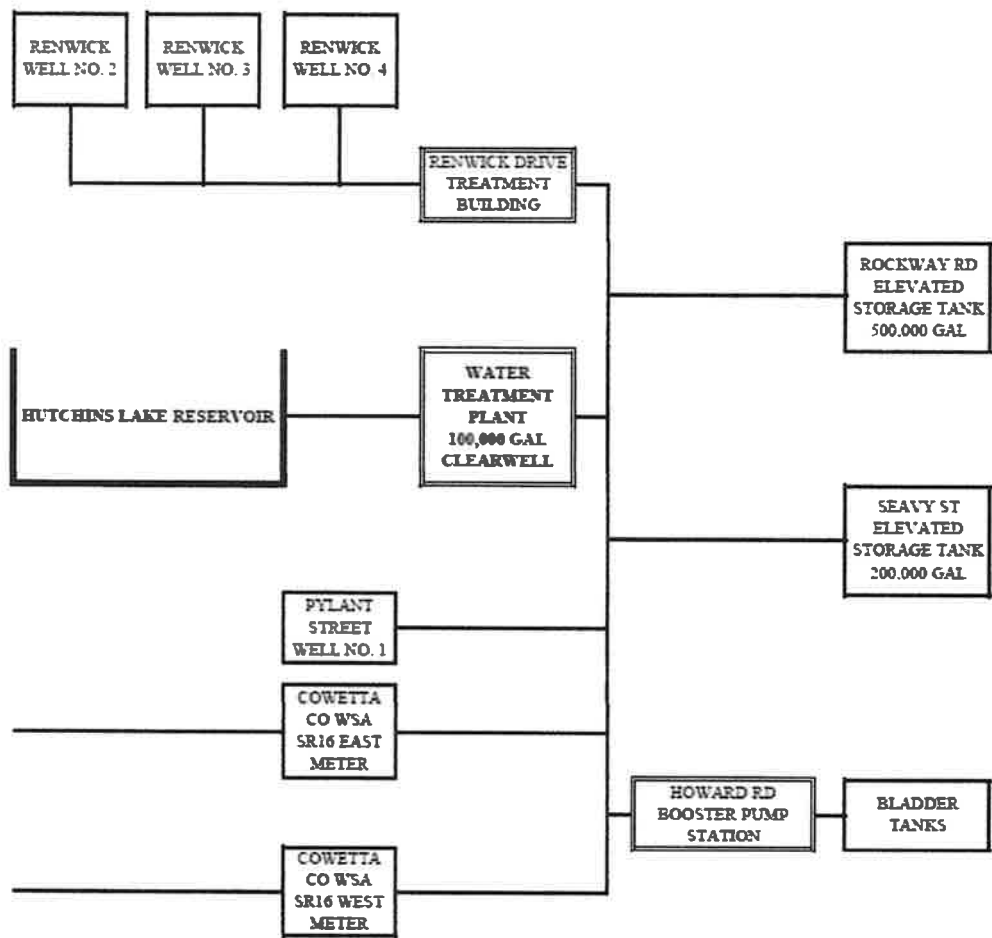
SPECIAL CONDITIONS

- 8) The permittee's water withdrawal is from Hutchins Lake. The intake structure is located approximately 200 feet west of Rockaway Road, Senoia, Georgia in Coweta County. All water withdrawn must be metered as it enters the Senoia Water Treatment Facility, and the withdrawal record must be maintained at the facility and reported to EPD.
- 9) The permittee must operate in accordance with all criteria for Water Supply Watersheds as outlined in Rule 391-3-16-.01, including the applicable Water Supply Watershed Protection Plan.

- 10) In accordance with Rule 391-3-33-.05, any future renewal or modification is conditioned upon the demonstration of progress towards increased water efficiency. The permittee must submit an annual Water Audit by March 1 of each year and maintain ongoing compliance with the following:
 - a) Establishment of a Water Loss Control Program and associated goals to set measures of water supply efficiency.
 - b) Demonstration of progress toward increased water efficiency using the measures established.
- 11) To ensure progress toward improved water supply efficiency, the permittee must provide a progress report every year starting one (1) year from this permit issuance date, based on the permittee's Water Loss Control Plan, on efforts made to reduce Water Loss within the permittee's system. The progress report must provide a description of implemented measures and how the implemented measures have reduced the system's Non-Revenue Water (NRW). This annual report must continue to be submitted every year to ensure increasing water efficiency.
- 12) The permittee must not transfer any water withdrawn via this permit to any entity operating outside the Flint River basin without EPD approval of such a transfer.
- 13) The permittee must cooperate with the EPD in the coordination of its water withdrawal requirements associated with this Permit and Groundwater Permit No. 038-0006.

Figure 1
(as provided by the applicant)

CITY OF SENOLA
WATER SYSTEM SCHEMATIC 2022





ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

MAR 27 2020

Honorable Charles F. Eichorst
City of Senoia
P.O. Box 310
Senoia, GA 30276-0310

Re: **Senoia Water System**
WSID# 0770003
Coweta County

Dear Mayor Eichorst:

In accordance with the Georgia Safe Drinking Water Act of 1977, as passed by the Georgia General Assembly, and the Rules for Safe Drinking Water, Chapter 391-3-5, a permit to operate the Senoia Water System, a public water system located in Coweta County, Georgia has been issued by the Environmental Protection Division (EPD) and is hereby enclosed. The specific conditions for operation of the water system are outlined in the pages attached to the permit. **Please provide a copy of this permit to anyone directly involved in the operation or sample collection for this water system.**

The Rules for Safe Drinking Water, Chapter 391-3-5, specify the number and frequency of microbiological, chemical, and radiological samples that must be analyzed for your water system. These compliance samples must be analyzed by EPD's Laboratory or any other commercial laboratory certified by EPD to conduct the analyses. If you participate in EPD's "Drinking Water Laboratory and Related Services", sample bottles with instructions for sample collection, preservation, and return shipping will be mailed to you as sampling is required. If you do not utilize the services of EPD's Laboratory for testing, you are responsible for complying with all applicable monitoring schedules in the Rules for Safe Drinking Water. Please visit <http://gadrinkingwater.net> to view your required monitoring schedules and other pertinent water system information.

Please remember that all bacteriological and chemical samples, reports, and other information for this system that are submitted to EPD should be identified by the water system identification number, WSID# 0770003.

Sincerely,

Peter C. Nwogu
Drinking Water Unit Manager

Enclosure

cc: Drinking Water Permitting & Engineering Program, EPD
Coweta County Health Department

PERMIT NO. CS0770003

ISSUE DATE: MAR 27 2020



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PERMIT TO OPERATE A PUBLIC WATER SYSTEM

In compliance with the provisions of the **GEORGIA SAFE DRINKING WATER ACT of 1977, O.C.G.A. 12-5-170 et. seq.**, and the **RULES, CHAPTER 391-3-5**, adopted pursuant to the ACT

City of Senoia

is issued a **PERMIT TO OPERATE A PUBLIC COMMUNITY WATER SYSTEM** named

Senoia Water System

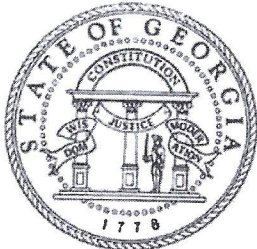
and located at

Peachtree, Coweta County, Georgia

THIS PERMIT to operate the above public water system shall become effective on the date shown above and shall have a fixed term of ten (10) years, absent any prior revocation or modification.

THIS PERMIT is issued subject to the terms, conditions and schedules of compliance as follows:

1. **THE PERMITTEE** shall at all times operate the public water system in full compliance with the **GEORGIA SAFE DRINKING WATER ACT of 1977**, and the **RULES, CHAPTER 391-3-5**, adopted under the ACT. **THE DIRECTOR** may modify, suspend or revoke this permit as provided therein.
2. **THIS PERMIT** is transferable only with a change of ownership. **THE PERMITTEE** shall notify the succeeding owner by letter of the existing permit and surrender the original permit to the Director. The succeeding owner shall apply to the Director for a permit transfer within 30 days of receiving title to the property.
3. **THIS PERMIT** is further subject to the terms, conditions and schedules of compliance specified on the attached pages.



Richard E. Dunn, Director
Environmental Protection Division

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

OWNER: City of Senoia

PERMIT NO.: CS0770003

SYSTEM: Senoia Water System

PERMIT CONDITIONS

4. **This permit is for the operation of a public water system using surface water as the principal source of supply, supplemented by four (4) wells.** The approved production rate(s) for the surface water treatment plant(s) and other approved sources of water are:

Hutchens Lake, Source 101
Senoia Water Plant: 337.5 GPM (0.450 MGD) W/ 2 FILTERS @ 3 GPM/SQFT
Coweta County Water System, WSID#0770042, Source 102
Well #1 Pylant Street, Source 103
Well #2 Renwick Drive, source 104
Well #3 Tudor Way, Source 105
Well #4 Renwick Drive, Source 106

Operation of the water plant(s) in excess of the approved production rate(s) in a twenty-four (24) hour period (starting at 0000 to midnight 2400 hours) is a violation of this permit. Violations must be reported to the Drinking Water Program by telephone within forty-eight (48) hours and confirmed in writing within ten (10) days. **The total amount of water produced must not exceed the limits imposed by your surface water withdrawal permit, #038-1102-05, or your groundwater withdrawal permit, #038-0005.**

5. The permittee must provide continuous disinfection by chlorinating all water distributed by the system to maintain a detectable residual of free chlorine in the recommended amount of 0.2 milligrams per liter in all parts of the distribution system, or as specified in Section 391-3-5-.14, as amended, of the Rules for Safe Drinking Water.

6. **The permittee shall analyze or have analyzed all microbiological and chemical samples required by the Rules for Safe Drinking Water, Chapter 391-3-5. Monitoring for each contaminant must be performed as scheduled by the Georgia Environmental Protection Division's (EPD) Watershed Compliance Program (WCP). The supplier must provide all test results to the WCP within the time frames established in the schedules.** The permittee may use the laboratory services of the EPD's certified laboratory or any other laboratory certified by the WCP to perform the specific analysis. If a laboratory other than the EPD's certified laboratory is used, the laboratory results must be submitted to the following address as specified in Section 391-3-5-.30:

Environmental Protection Division
Watershed Protection Branch Compliance Program
Drinking Water Compliance Unit
2 Martin Luther King, Jr. Drive, SE, Suite 1152 East
Atlanta, Georgia 30334

The format used to report results must be approved by the WCP and must identify the system by the water system identification number, WSID# 0770003, and the laboratory performing the analysis. The laboratory's certification number must be included on the report. Results requiring immediate notification should be reported to the WCP by telephone at (404) 463-1511 or fax at (404) 651-9590.

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

OWNER: City of Senoia

PERMIT NO.: CS0770003

SYSTEM: Senoia Water System

7. Reports must be maintained by the permittee on the premises of the water system and be available for inspection. **A true and correct copy of the operation records and other reports must be sent to the following address, by the tenth day of the month following the month being reported, unless otherwise stated in Section 391-3-5-.30 or elsewhere in the Rules:**

Environmental Protection Division
Drinking Water Permitting & Engineering Program
Suite 1362, Floyd Towers East
2 Martin Luther King, Jr. Drive, SE
Atlanta, Georgia 30334
Phone: (404) 656-2750
Fax: (404) 651-9590

8. **The permittee shall ensure that this public water system is operated in compliance with the Georgia Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act, as amended, and the Rules adopted thereunder. The certification classification must be consistent with the public water system classification specified in Section 391-3-5-.39 of the Rules for Safe Drinking Water.**

9. The permittee shall comply with O.C.G.A Sections 12-5-7 and 12-5-8 regarding limitations on outdoor irrigation, local variances from state restrictions on outdoor watering, and any rules and regulations related to drought management promulgated thereafter. This condition applies to any water system that holds a water withdrawal permit, or uses water provided by a system with a withdrawal permit.

10. Drinking water distributed by the permittee should not contain any impurity which will cause offense to the sense of sight, taste or smell and should not be excessively corrosive as to cause degradation of the water quality or deterioration of the distribution system, as specified in Section 391-3-5-.19 and .26 of the Rules for Safe Drinking Water.

11. The permittee is required to have a water conservation plan on file with the Division.

12. **The permittee is required to provide continuous fluoridation to all water distributed by the system, as specified in Section 391-3-5-.16 of the Rules for Safe Drinking Water.**

13. The permittee shall comply with Section 391-3-5-.40, Wellhead Protection and the approved Wellhead Protection Plan, which is incorporated herein by reference as a condition of this permit.

14. The permittee shall comply with Section 391-3-5-.06 of the Rules for Safe Drinking Water and shall meter all water supply sources connected to the public water system and shall report the system's water usage to the EPD's Drinking Water Permitting & Engineering Program.

15. The permittee shall comply with Section 391-3-5-.10 of the Rules for Safe Drinking Water and shall meter all new services connected to public water systems, unless specifically directed otherwise by the Director.

16. This permit replaces all Permits to Operate a Public Water System previously issued for the operation of this public water system.