

REGIONAL REVIEW NOTIFICATION

Atlanta Regional Commission • 229 Peachtree Street NE | Suite 100 | Atlanta, Georgia 30303 • ph: 404.463.3100 fax: 404.463.3205 • atlantaregional.org

DATE: May 1, 2020

ARC REVIEW CODE: R2005011

TO: Chairman Charlotte NashATTN TO: Ashley Nichols, Planning ManagerFROM: Douglas R. Hooker, Executive DirectorRE: Development of Regional Impact Review

) myle R. Hok

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The Atlanta Regional Commission (ARC) has completed a preliminary regional review of the following Development of Regional Impact (DRI). ARC reviewed the DRI with regard to its relationship to regional plans, goals and policies – and impacts it may have on the activities, plans, goals and policies of other local jurisdictions as well as state, federal and other agencies. This preliminary report does not address whether the DRI is or is not in the best interest of the local government.

Name of Proposal: Northwoods (DRI #3085)

<u>Review Type</u>: DRI <u>Date Opened</u>: May 1, 2020 Submitting Local Government:Gwinnett CountyDeadline for Comments:May 15, 2020Date to Close:May 20, 2020

Description: A Development of Regional Impact (DRI) proposal to build a mixed-residential community at the location of the former Northwood Country Club in unincorporated Gwinnett County on Club Drive. The proposal includes approximately 228 detached single-family lots, 228 attached townhomes, and a separate component of 354 multifamily units. The site is bisected by Sweetwater Creek. The local trigger is a rezoning. Expected buildout is 2027.

PRELIMINARY COMMENTS: According to the ARC Unified Growth Policy Map (UGPM), part of The Atlanta Region's Plan, this DRI is in the Established Suburbs area of the region. Developing Suburbs are areas that were constructed from around 1995 to today. These areas are projected to remain suburbs through 2040. ARC's Regional Development Guide (RDG) details recommended policies for areas on the UGPM. General RDG information and recommendations for Developed/Established Suburbs are listed at the bottom of these comments.

ARC's policy guidance for Developed/Established Suburbs mentions that new development should connect to the existing road network and adjacent developments, and use of cul-de-sacs or other means resulting in disconnected subdivisions, should be discouraged. This DRI features appropriate internal street connectivity within its separated western multifamily portion and eastern single-family portion, but it doesn't offer any connections to the adjacent single-family home neighborhoods, nor does it connect between the two segments. Functionally, they are separate projects except for all access being on Club Drive, which carries the potential for combined traffic impacts, especially if built jointly. This DRI appears to manifest certain aspects of regional policy. It offers a variety of housing types and sizes. It incorporates common green space and amenities at multiple locations. While there is no street integration with the surrounding neighborhoods, there is long-term potential for trails through the undeveloped center of the site. The proposed site plan does not appear to and should not preclude allowing future trail connections between the two project segments and to the north. It also is not clear from the site plan where internal sidewalks and other pedestrian features will be placed. Sidewalks on both sides of the street should be required and crosswalks where appropriate.

The Gwinnett County Destination 2040 comprehensive transportation plan states: "Gwinnett County should encourage logical connections between neighborhoods and nearby commercial areas to provide enhanced access for people driving, biking, and walking. To improve traffic circulation and provide mobility options for residents of new subdivisions, the County should prioritize traditional street grids for the layout of new subdivisions rather than cul-de-sacs when natural conditions do not demand them. The County should also explore improving bicycle and pedestrian connections between existing neighborhoods and commercial centers, where appropriate, to connect these residents to activity areas via non-vehicular means." Please review additional attached comments regarding transportation impacts from ARC's Transportation Access & Mobility Division.

This is an environmentally sensitive location because the site is bisected by Sweetwater Creek and a major portion of the undeveloped center of the site is in the 100-year floodplain. Please see the attached comments from ARC's Natural Resources Group, which notes there are two blue line tributaries to Sweetwater Creek shown on U.S. Geological Survey maps that are not reflected on the site plan and may be subject to County and State buffers. Also please see the attached comments from Gwinnett County Department of Water Resources regarding the need for a new sewer capacity request, as well as easements and access for expansion in the future.

The gross residential density of this DRI (3.36 units per acre) is under the ARC RDG's recommended development parameters for Developing Suburbs (up to 5 units per acre). Otherwise, the development appears to be largely compatible with recommendations for the Established Neighborhoods Character Area in the Gwinnett County 2040 Unified Plan. Mixed residential developments like this are listed as potential development types.

Further to the above, general regional policy recommendations for Developing Suburbs include:

- New development should connect to the existing road network and adjacent developments and use of cul-de-sacs or other means resulting in disconnected subdivisions should be discouraged
- Maximize the usefulness of existing recreational facilities in addition to providing new recreational opportunities
- Eliminate vacant or under-utilized parking areas through mechanisms such as out-parceling or conversion to community open space
- Use rain gardens, vegetated swales or other enhanced water filtration design to enhance the quality of stormwater run-off
- Identify other opportunities to foster a sense of community by developing town centers, village centers or other places of centralized location

THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES RECEIVED NOTICE OF THIS REVIEW:

ARC COMMUNITY DEVELOPMENT ARC RESEARCH & ANALYTICS GEORGIA DEPARTMENT OF NATURAL RESOURCES GRTA/SRTA ARC TRANSPORTATION ACCESS & MOBILITY ARC AGING & HEALTH RESOURCES GEORGIA DEPARTMENT OF TRANSPORTATION CITY OF LAWRENCEVILLE ARC NATURAL RESOURCES GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS GWINNETT COUNTY TRANSIT CITY OF LILBURN

If you have any questions regarding this review, please contact Greg Giuffrida at (470) 378-1531 or <u>ggiuffrida@atlantaregional.org</u>. This finding will be published to the ARC review website located at <u>http://atlantaregional.org/plan-reviews</u>.



Individual Completing Form:

DEVELOPMENT OF REGIONAL IMPACT REQUEST FOR COMMENTS

Instructions: The project described below has been submitted to this Regional Commission for review as a Development of Regional Impact (DRI). A DRI is a development of sufficient scale or importance that it is likely to generate impacts beyond the jurisdiction in which the project is located, for example in adjoining cities or neighboring counties. We would like to consider your comments on this proposed development in our DRI review process. Therefore, please review the information about the project included in this packet and offer your comments in the space provided. The completed form should be returned to ARC on or before the specified return deadline.

Preliminary Findings of the RDC: Northwoods (DRI #3085) See the Preliminary Report.

Comments from affected party (attach additional sheets as needed):

Local Government:	<i>Comments must be emailed to:</i> Greg Giuffrida
Department:	Atlanta Regional Commission ggiuffrida@atlantaregional.org Ph. (470) 378-1531
Telephone: ()	Return Date: May 15, 2020
Signature:	
Date:	

ARC STAFF NOTICE OF REGIONAL REVIEW AND COMMENT FORM

DATE: May 1, 2020

ARC REVIEW CODE: R2005011

TO: ARC Group Managers **FROM:** Greg Giuffrida, 470-378-1531

 Reviewing staff by Jurisdiction:

 Community Development: Giuffrida, Greg
 Transportation Access and Mobility: Mangham, Marquitrice

 Natural Resources: Santo, Jim
 Research and Analytics: Skinner, Jim

 Aging and Health Resources: Perumbeti, Katie
 Name of Proposal: Northwoods (DRI #3085)

 Review Type: Development of Regional Impact
 Ferupate Staff by Jurisdiction:

Description: A Development of Regional Impact (DRI) proposal to build a mixed-residential community at the location of the former Northwood Country Club in unincorporated Gwinnett County on Club Drive. The proposal includes approximately 228 detached single-family lots, 228 attached townhomes, and a separate component of 354 multifamily units. The site is bisected by Sweetwater Creek. The local trigger is a rezoning. Expected buildout is 2027.

Submitting Local Government: Gwinnett County

Date Opened: May 1, 2020

Deadline for Comments: May 15, 2020

Date to Close: May 20, 2020

Response:

- 2) □ While neither specifically consistent nor inconsistent, the proposal relates to the following regional development guide listed in the comment section.

- 6) □Staff wishes to confer with the applicant for the reasons listed in the comment section.

COMMENTS:



information:	Project ID:
The initial action being requested of the local government for this project:	Sewer
Is this project a phase or part of a larger overall project?	⊂(not selected) Yes≋No
If yes, what percent of the overall project does this project/phase represent?	
	This project/phase: 2027 Overall project: 2027
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DRI Site Map | Contact



If no, describe any plans to expand the existing water supply capacity: Is a water line extension required to serve this project? ○(not selected) Yes No If yes, how much additional line (in miles) will be required? Wastewater Disposal Name of wastewater treatment provider for this Gwinnett County Water Resources site: What is the estimated sewage flow to be generated by the project, 0.190 measured in Millions of Gallons Per Day (MGD)? Is sufficient wastewater treatment capacity available to serve this proposed project? (not selected) Yes No If no, describe any plans to expand existing wastewater treatment capacity: Is a sewer line extension required to serve this ○(not selected) Yes No project? If yes, how much additional line (in miles) will be required? Land Transportation How much traffic volume is expected to be generated by the proposed development, in peak hour vehicle trips 6,442 daily trips, 414 AM trips, 499 PM trips per day? (If only an alternative measure of volume is available, please provide.) Has a traffic study been performed to determine whether or not (not selected) Yes No transportation or access improvements will be needed to serve this project? Are transportation improvements needed to (not selected) Yes No serve this project? If yes, please describe below: Please refer to the Traffic Study prepared by Kimley-Horn and Associates Solid Waste Disposal How much solid waste is the project expected to generate 698 tons annually (in tons)? Is sufficient landfill capacity available to serve this (not selected) Yes No proposed project? If no, describe any plans to expand existing landfill capacity: Will any hazardous waste be generated by the development? (not selected) Yes®No If yes, please explain: Stormwater Management What percentage of the site is projected to be impervious surface once the 80% proposed development has been constructed? Describe any measures proposed (such as buffers, detention or retention ponds, pervious parking areas) to mitigate the project's impacts on stormwater management:Stormwater BMPs will include above ground detention facilities which will be constructed as required by local municipality regulations. **Environmental Quality** Is the development located within, or likely to affect any of the following: 1. Water supply watersheds? (not selected) Yes®No

2. Significant groundwater recharge areas?

○(not selected) Yes No

3. Wetlands?	(not selected) Ves⊚No
4. Protected mountains?	◯(not selected) Ves®No
5. Protected river corridor	s? (not selected) Yes No
6. Floodplains?	◯(not selected) Ves®No
7. Historic resources?	(not selected) Yes⊛No
8. Other environmentally sensitive resources?	ି(not selected)ິYes≋No
If you answered yes to an	y question above, describe how the identified resource(s) may be affected:
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regional impact + local relevance

Development of Regional Impact Assessment of Consistency with the Regional Transportation Plan

DRI INFORMATION

DRI Number	#3085
DRI Title	Northwoods
County	Gwinnett County
City (if applicable)	
Address / Location	North of Club Drive, South of Sweetwater Road on the former Northwood Country Club site.
Proposed Developmer	nt Type: Approximately 210 acres consisting of single and multifamily residential units
Review Process	EXPEDITED NON-EXPEDITED
REVIEW INFORMATI	<u>ON</u>
Prepared by	ARC Transportation Access and Mobility Division
Staff Lead	Marquitrice Mangham
Copied	Click here to enter text.
Date	April 27, 2020
TRAFFIC STUDY	
Prepared By:	SEI Engineering

Date April 27, 2020

REGIONAL TRANSPORTATION PLAN PROJECTS

- 01. Did the traffic analysis incorporate all projects contained in the current version of the fiscally constrained RTP which are within the study area or along major transportation corridors connecting the study area with adjacent jurisdictions?
 - YES (provide the regional plan referenced and the page number of the traffic study where relevant projects are identified)

NO (provide comments below)

Programmed projects are identified on page 22 of the traffic analysis. Project factsheets are included in the appendix.

REGIONAL NETWORKS

02. Will the development site be directly served by any roadways identified as Regional Thoroughfares?

A Regional Thoroughfare is a major transportation corridor that serves multiple ways of traveling, including walking, bicycling, driving, and riding transit. It connects people and goods to important places in metropolitan Atlanta. A Regional Thoroughfare's operations should be managed through application of special traffic control strategies and suitable land development guidelines in order to maintain travel efficiency, reliability, and safety for all users. In light of the special function that Regional Thoroughfares serve in supporting cross-regional and interjurisdictional mobility and access, the network receives priority consideration for infrastructure investment in the Metro Atlanta region. Any access points between the development and a Regional Thoroughfare, combined with the development's on-site circulation patterns, must be designed with the goal of preserving the highest possible level of capacity and safety for all users of the roadway.

NO 🛛

YES (identify the roadways and existing/proposed access points)

Access to the development is proposed by two full movement access points on Club Drive, a local collector.

03. Will the development site be directly served by any roadways identified as Regional Truck Routes?

A Regional Truck Route is a freeway, state route or other roadway which serves as a critical link for the movement of goods to, from and within the Region by connecting airports, intermodal/multimodal facilities, distribution and warehousing centers and manufacturing clusters with the rest of the state and nation. These facilities often serve a key mobility and access function for other users as well, including drivers, bicyclists, pedestrians and transit users. A Regional Truck Route's operations should be managed through application of special traffic control strategies and suitable land development guidelines in order to maintain travel efficiency, reliability, and safety for all users. In light of the special function that Regional Truck Routes serve in supporting cross-regional and interjurisdictional mobility and access, the network receives priority consideration for infrastructure investment in the Metro Atlanta region. Any access points between the development and a Regional Truck Route, combined with the development's on-site circulation patterns, must be designed with the goal of preserving the highest possible level of capacity and safety for all users of the roadway.

NO NO

YES (identify the roadways and existing/proposed access points)

Access to the site is proposed on Club Drive.

Operator / Rail Line

04. If the development site is within one mile of an existing rail service, provide information on accessibility conditions.

Access between major developments and transit services provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce congestion. If a transit service is available nearby, but walking or bicycling between the development site and the nearest station is a challenge, the applicable local government(s) is encouraged to make the route a funding priority for future walking and bicycling infrastructure improvements.

NOT APPLICABLE (nearest station more than one mile away)

RAIL SERVICE WITHIN ONE MILE (provide additional information below)

Nearest Station	Click here to enter name of operator and rail line
Distance*	Within or adjacent to the development site (0.10 mile or less)
	0.10 to 0.50 mile
	0.50 to 1.00 mile
Walking Access*	Sidewalks and crosswalks provide sufficient connectivity
	Sidewalk and crosswalk network is incomplete
	Not applicable (accessing the site by walking is not consistent with the type of development proposed)

Click here to provide comments.
Dedicated paths, lanes or cycle tracks provide sufficient connectivity
Low volume and/or low speed streets provide connectivity
Route follows high volume and/or high speed streets
Not applicable (accessing the site by bicycling is not consistent with the type of development proposed)
Fixed route transit agency bus service available to rail station
Private shuttle or circulator available to rail station
No services available to rail station
Not applicable (accessing the site by transit is not consistent with the type of development proposed)
Click here to provide comments.

* Following the most direct feasible walking or bicycling route to the nearest point on the development site

05. If there is currently no rail transit service within one mile of the development site, is nearby rail service planned in the fiscally constrained RTP?

Access between major developments and transit services provide options for people who cannot or
prefer not to drive, expand economic opportunities by better connecting people and jobs, and can
help reduce traffic congestion. If a transit agency operates within the jurisdiction and expansion
plans are being considered in the general vicinity of the development site, the agency should give
consideration to how the site can be best served during the evaluation of alignments and station
locations. Proactive negotiations with the development team and local government(s) are
encouraged to determine whether right-of-way within the site should be identified and protected
for potential future service. If direct service to the site is not feasible or cost effective, the transit
agency and local government(s) are encouraged to ensure good walking and bicycling access
accessibility is provided between the development and the future rail line. These improvements
should be considered fundamental components of the overall transit expansion project, with
improvements completed concurrent with or prior to the transit service being brought online.

-] NOT APPLICABLE (rail service already exists)
- NOT APPLICABLE (accessing the site by transit is not consistent with the type of development proposed)
- NO (no plans exist to provide rail service in the general vicinity)
- YES (provide additional information on the timeframe of the expansion project below)
 - CST planned within TIP period
 - CST planned within first portion of long range period
 - CST planned near end of plan horizon

06. If the development site is within one mile of fixed route bus services (including any privately operated shuttles or circulators open to the general public), provide information on walking and bicycling accessibility conditions.

	NOT APPLICABLE (nearest bus, shuttle or circulator stop more than one mile away)
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SERVICE WITHIN ONE MILE (provide additional information below)

Operator(s) Owninett County mansi	Operator(s)	Gwinnett County Transi
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Bus Route(s)	30
Distance*	\bigotimes Within or adjacent to the development site (0.10 mile or less)
	0.10 to 0.50 mile
	🔀 0.50 to 1.00 mile
Walking Access*	Sidewalks and crosswalks provide sufficient connectivity
	Sidewalk and crosswalk network is incomplete
	Not applicable (<i>No Sidewalks or accessing the site by walking is not consistent with the type of development proposed</i>)
	Click here to provide comments.
Bicycling Access*	Dedicated paths, lanes or cycle tracks provide sufficient connectivity
	Low volume and/or low speed streets provide sufficient connectivity
	Route uses high volume and/or high speed streets
	Not applicable (accessing the site by bicycling is not consistent with the type of development proposed)

* Following the most direct feasible walking or bicycling route to the nearest point on the development site

07. Does a transit agency which provides rail and/or fixed route bus service operate anywhere within the jurisdiction in which the development site is located?

Access between major developments and transit services provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce traffic congestion. If a transit agency operates within the jurisdiction and a comprehensive operations plan update is undertaken, the agency should give consideration to serving the site during the evaluation of future routes, bus stops and transfer facilities. If the nature of the development is amenable to access by transit, walking or bicycling, but direct service to the site is not feasible or cost effective, the transit agency and local government(s) should ensure good walking and bicycling access accessibility is provided between the development and any routes within a one mile radius. The applicable local government(s) is encouraged to make these connections a funding priority for future walking and bicycling infrastructure improvements.

___ NO

🛛 YES

Gwinnett County Transit, GRTA Express

08. If the development site is within one mile of an existing multi-use path or trail, provide information on accessibility conditions.

Access between major developments and walking/bicycling facilities provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce traffic congestion. If connectivity with a regionally significant path or trail is available nearby, but walking or bicycling between the development site and those facilities is a challenge, the applicable local government(s) is encouraged to make the route a funding priority for future walking and bicycling infrastructure improvements.

NOT APPLICABLE (nearest path or trail more than one mile away)

YES (provide additional information below)

Name of facility	Chattahoochee Greenway Trail is proposed in the area
Distance	Within or adjacent to development site (0.10 mile or less)
	0.15 to 0.50 mile
	0.50 to 1.00 mile
Walking Access*	Sidewalks and crosswalks provide connectivity
	Sidewalk and crosswalk network is incomplete
	Not applicable (accessing the site by walking is not consistent with the type of development proposed)
Bicycling Access*	Dedicated lanes or cycle tracks provide connectivity
	Low volume and/or low speed streets provide connectivity

Route uses high volume and/or high speed streets

Not applicable (accessing the site by bicycling is not consistent with the type of development proposed

* Following the most direct feasible walking or bicycling route to the nearest point on the development site

OTHER TRANSPORTATION DESIGN CONSIDERATIONS

09. Does the site plan provide for the construction of publicly accessible local road or drive aisle connections with adjacent parcels?

The ability for drivers and bus routes to move between developments without using the adjacent arterial or collector roadway networks can save time and reduce congestion. Such opportunities should be considered and proactively incorporated into development site plans whenever possible.

- YES (connections to adjacent parcels are planned as part of the development)
 - YES (stub outs will make future connections possible when adjacent parcels redevelop)
 - **NO** (the site plan precludes future connections with adjacent parcels when they redevelop)
- OTHER (*Please explain*)

Adjacent parcels are accessible by Club Drive. Drive aisles appear to only provide internal access only with no stubouts for uture connectivity to adjacent parcels.

10. Does the site plan enable pedestrians and bicyclists to move between destinations within the development site safely and conveniently?

The ability for walkers and bicyclists to move within the site safely and conveniently reduces reliance on vehicular trips, which has congestion reduction and health benefits. Development site plans should incorporate well designed and direct sidewalk connections between all key destinations. To the extent practical, bicycle lanes or multiuse paths are encouraged for large acreage sites and where high volumes of bicyclists and pedestrians are possible.

YES (sidewalks provided on all key walking routes and both sides of roads whenever practical and
bicyclists should have no major issues navigating the street network)

PARTIAL (some walking and bicycling facilities are provided, but connections are not
comprehensive and/or direct)

- **NO** (walking and bicycling facilities within the site are limited or nonexistent)
- NOT APPLICABLE (the nature of the development does not lend itself to internal walking and bicycling trips)
- OTHER (*Please explain*)

The site plan and traffic analysis does not indicate internal pedestrian facilities are proposed as a part of the development.

11. Does the site plan provide the ability to construct publicly accessible bicycling and walking connections with adjacent parcels which may be redeveloped in the future?

The ability for walkers and bicyclists to move between developments safely and conveniently reduces reliance on vehicular trips, which has congestion reduction and health benefits. Such opportunities should be considered and proactively incorporated into development site plans whenever possible.

\boxtimes	YES (connections to adjacent parcels are planned as part of the development)
	YES (stub outs will make future connections possible when adjacent parcels redevelop)
	NO (the development site plan does not enable walking or bicycling to/from adjacent parcels)
	NO (the site plan precludes future connections with adjacent parcels when they redevelop)
	NOT APPLICABLE (adjacent parcels are not likely to develop or redevelop in the near future)
	NOT APPLICABLE (the nature of the development or adjacent parcels does not lend itself to interparcel walking and bicycling trips)

Pedestrian facilities are sporadic along Club Drive however the project proposes completion of sidewalks along the roadway adjacent to the development. Bicycle facilities are not proposed.

12. Does the site plan effectively manage truck movements and separate them, to the extent possible, from the flow of pedestrians, bicyclists and motorists both within the site and on the surrounding road network?

The ability for delivery and service vehicles to efficiently enter and exit major developments is often key to their economic success. So is the ability of visitors and customers being able to move around safely and pleasantly within the site. To the extent practical, truck movements should be segregated by minimizing the number of conflict points with publicly accessible internal roadways, sidewalks, paths and other facilities.

- YES (truck routes to serve destinations within the site are clearly delineated, provide ample space for queuing and turning around, and are separated from other users to the extent practical)
- PARTIAL (while one or more truck routes are also used by motorists and/or interface with primary walking and bicycling routes, the site plan mitigates the potential for conflict adequately)
- NO (one or more truck routes serving the site conflict directly with routes likely to be used heavily by pedestrians, bicyclists and/or motorists)
- NOT APPLICABLE (the nature of the development will not generate a wide variety of users and/or very low truck volumes, so the potential for conflict is negligible)

RECOMMENDATIONS

13. Do the transportation network recommendations outlined in the traffic study appear to be ferror a constructability standpoint?		
	UNKNOWN (additional study is necessary)	
	YES (based on information made available through the review process; does not represent a thorough engineering / financial analysis)	
	NO (see comments below)	
	Click here to enter text.	
14.	Is ARC aware of any issues with the development proposal which may result in it being opposed by one or more local governments, agencies or stakeholder groups?	
	NO (based on information shared with ARC staff prior to or during the review process; does not reflect the outcome of an extensive stakeholder engagement process)	

YES (see comments below)

15. ARC offers the following additional comments for consideration by the development team and/or the applicable local government(s):

None.

NORTHWOODS DRI Gwinnett County Natural Resources Group Comments April 28, 2020

While ARC and the Metropolitan North Georgia Water Planning District have no regulatory or review authority over this project, the Natural Resources Group has identified County and State regulations that could apply to this property. Other regulations may also apply that we have not identified.

Stream Buffers

The proposed project is in the Yellow River watershed, which is not a water supply watershed within the Atlanta Region or the Metropolitan North Georgia Water Planning District and is not subject to the Part 5 Water Supply Watershed Criteria of the 1989 Georgia Planning Act.

Both the site plan and the USGS coverage for the project area show Sweetwater Creek crossing the property. No development is shown near Sweetwater Creek and, while not labelled, it appears that the Gwinnett County 50-foot stream buffer and 75-foot impervious setback, as well as the State 25-foot Sediment and Erosion Control buffer are shown along the stream. However the USGS coverage shows two blue line tributaries to Sweetwater Creek on the property that are not shown on the site plan. One runs north of its confluence with Sweetwater near Club Drive through undeveloped land towards Sweetwater Road. The second runs east of the creek near the northern end of the proposed development on the eastern side of the property. These streams, as well as any unmapped streams on the property, may be subject to the County and State buffers. Any unmapped waters of the state will also be subject to the State 25-foot Sediment and Erosion Control buffer.

Stormwater/Water Quality

The project should adequately address the impacts of the proposed development on stormwater runoff and downstream water quality.

During the planning phase, the stormwater management system (system) should meet the requirements of the local jurisdiction's post-construction (or post-development) stormwater management ordinance. The system should be designed to prevent increased flood damage, streambank channel erosion, habitat degradation and water quality degradation, and enhance and promote the public health, safety and general welfare. The system design should also be in accordance with the applicable sections of the Georgia Stormwater Management Manual (www.georgiastormwater.com) such as design standards, calculations, formulas, and methods. Where possible, the project should use stormwater better site design practices included in the Georgia Stormwater Management Manual, Volume 2, Section 2.3.

During construction, the project should conform to the relevant state and federal erosion and sedimentation control requirements.

Greg Giuffrida

From:	Lisa.Willis@gwinnettcounty.com		
Sent:	Wednesday, April 1, 2020 5:04 PM		
То:	Greg Giuffrida		
Cc:	Rebecca.Shelton@gwinnettcounty.com; Lewis.Cooksey@gwinnettcounty.com;		
	Lorraine.Campagne@gwinnettcounty.com; James.Pugsley@gwinnettcounty.com;		
	Nancy.Lovingood@gwinnettcounty.com		
Subject:	RE: DRI Pre-Review remote meeting: Northwoods DRI #3085 - Gwinnett DWR Water and Sewer		
	Comments		
Follow Up Flag: Flag Status:	Follow up Flagged		

Greg,

Summarized below are Gwinnett County Dept. of Water Resources (GCDWR) comments:

<u>Sewer</u>

- There is existing 8-in, 16-in, 24-in, and 42-in gravity sewer through the proposed Northwoods development. Additionally there is an existing 36-in force main through the property.
- GCDWR approved a Sewer Capacity Certification Request on Sept-16-2019 for the proposed Northwoods development comprising of 779 units (including 347 single-family residential units and 432 multi-family units). Sewer Capacity was reserved as follows: 227.8 gpm peak flow at Manhole 223177 (42-in), 187.5 gpm peak flow at Manhole 2365103 (16 in), and 13.8 peak flow at Manhole 224167 (8-in).
- The Northwoods development plans submitted for DRI review include 336 single family units and 456 multi-family units, totaling 792 units which is higher than the sewer capacity approved in 2019. Therefore a new sewer capacity request is required to update the anticipated peak flows and reserve the additional capacity. The new sewer capacity request should reflect any changes in load and location of the sewer tie-in manholes so that GCDWR can confirm that sewer capacity is available.
- GCDWR has a project in design to upsize the sewer through the Northwoods development to accommodate future upstream growth. Temporary Construction Easements and access to the existing sewer through the proposed Northwoods development must be provided so that GCDWR can perform the necessary construction. In addition, existing permanent easements must be maintained for future maintenance. No permanent structures are allowed in the easements for the gravity sewer and force main.

<u>Water</u>

- Water service is available from an existing 16-in ductile iron pipe water main on Club Drive, constructed in 1973 with portions upgraded/replaced/extended in 1988.
- Fire hydrant testing is required to verify available pressures and flows within the existing 16-in line.
- GCDWR recommends looping the water system within the development itself to ensure adequate fire flows are available throughout the distribution system.

If you have any questions and/or need additional information, please let us know.

Thank you,

Lisa



Lisa M. Willis, PE | Division Director, Infrastructure Support Department of Water Resources | Gwinnett County Government 678.376.4214 | 684 Winder Highway, Lawrenceville, GA 30045 www.gwinnettcounty.com | lisa.willis@gwinnettcounty.com Learn more about Gwinnett County Water Resources at www.gwinnettH2O.com

NOTE: Email is provided to employees for the administrative needs of the county. Email correspondence to/from a county email account is considered public information and subject to release under Georgia laws or pursuant to subpoena.

From: Shelton, Rebecca <Rebecca.Shelton@gwinnettcounty.com>
Sent: Monday, March 30, 2020 11:54 AM
To: Willis, Lisa <Lisa.Willis@gwinnettcounty.com>
Subject: FW: DRI Pre-Review remote meeting: Northwoods DRI #3085

----- Original message ------

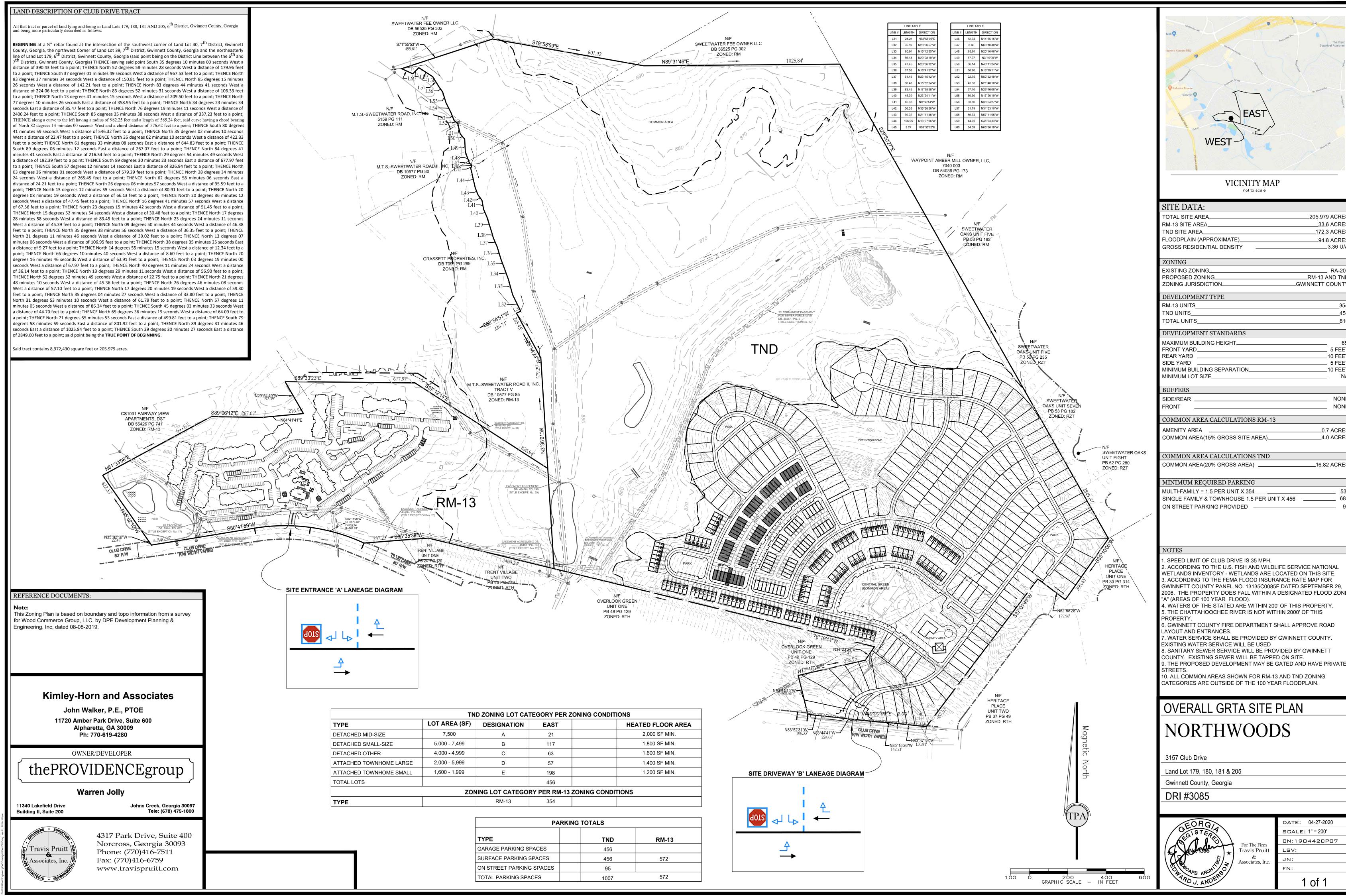
From: Greg Giuffrida <GGiuffrida@atlantaregional.org> Date: 3/30/20 11:17 AM (GMT-05:00) To: "Hofelich, Alex" <<u>Alex.Hofelich@gwinnettcounty.com</u>>, "Nichols, Ashley" <Ashley.Nichols@gwinnettcounty.com>, bstitt@theprovidencegroup.com, Harrison.Forder@kimley-horn.com, jinwoo.seo@kimley-horn.com, JMerder@travispruitt.com, "John Walker - Kimley Horn (John.Walker@kimley-horn.com)" <John.Walker@kimley-horn.com>, "Shelton, Rebecca" <Rebecca.Shelton@gwinnettcounty.com>, "Warren Jolly - The Providence Group (wjolly@theprovidencegroup.com)" <wjolly@theprovidencegroup.com>, Will.Ortiz@kimley-horn.com, "Jason Dykes - GDOT District 1 (jdykes@dot.ga.gov)" <jdykes@dot.ga.gov>, "Jonathan Peevy - GDOT District 1 (jpeevy@dot.ga.gov)" < jpeevy@dot.ga.gov>, "Shane Giles - GDOT District 1 (shgiles@dot.ga.gov)" <shgiles@dot.ga.gov>, "William E. Hunter - GDOT District 1 (wihunter@dot.ga.gov)" <wihunter@dot.ga.gov> Cc: aspiliotis@srta.ga.gov, agillespie@srta.ga.gov, eboone@dot.ga.gov, 'ccomer@dot.ga.gov', 'chuck.mueller@dnr.state.ga.us', 'cyvandyke@dot.ga.gov', 'davinwilliams@dot.ga.gov', mcanizares@dot.ga.gov, pdenard@dot.ga.gov, afinch@dot.ga.gov, mfowler@dot.ga.gov, juhatch@dot.ga.gov, "Hood, Alan C." <achood@dot.ga.gov>, lajohnson@dot.ga.gov, jon.west@dca.ga.gov, 'Kathy Zahul <kzahul@dot.ga.gov>, 'kclark@gefa.ga.gov', tmatthews@dot.ga.gov, jomcloyd@dot.ga.gov, kmertz@dot.ga.gov, jmontefusco@dot.ga.gov, 'nongame.review@dnr.ga.gov', 'nrogers@dot.ga.gov', pmartin@srta.ga.gov, pemmanuel@srta.ga.gov, 'PPeevy@dot.ga.gov', eregis@dot.ga.gov, chrobinson@dot.ga.gov, mwilson@dot.ga.gov, cwoods@dot.ga.gov, Community Development <CommunityDevelopment@atlantaregional.org>, David Haynes <DHaynes@atlantaregional.org>, "Jean Hee P. Barrett" <JBarrett@atlantaregional.org>, Jim Santo <JSanto@atlantaregional.org>, Jim Skinner <JSkinner@atlantaregional.org>, Katie Perumbeti <KPerumbeti@atlantaregional.org>, Marquitrice Mangham <<u>MMangham@atlantaregional.org</u>>, Mike Alexander <<u>MAlexander@atlantaregional.org</u>>, Mike Carnathan <<u>MCarnathan@atlantaregional.org</u>>, Patrick Bradshaw <<u>PBradshaw@atlantaregional.org</u>>, Wei Wang <WWang@atlantaregional.org>

Subject: RE: DRI Pre-Review remote meeting: Northwoods DRI #3085

CAUTION: This email originated from outside of Gwinnett County Government. Maintain caution when opening external links/attachments.

Good morning:

A revised site plan and some recent traffic counts for three of the study intersections are attached here.



	SITE DATA:		
	TOTAL SITE AREA		
	RM-13 SITE AREA		
	TND SITE AREA FLOODPLAIN (APPROXIMATE)		
	GROSS RESIDENTIAL DENSITY		
	ZONING		
	EXISTING ZONING		
	ZONING JURISDICTION	GWINNETT COUNTY	
	DEVELOPMENT TYPE	054	
	RM-13 UNITS TND UNITS	354 456	
	TOTAL UNITS		
	DEVELOPMENT STANDARDS		
	MAXIMUM BUILDING HEIGHT	65'	
	FRONT YARD REAR YARD		
	SIDE YARD	5 FEET	
	MINIMUM BUILDING SEPARATION MINIMUM LOT SIZE		
	BUFFERS		
	SIDE/REAR FRONT		
	COMMON AREA CALCULATIONS RM-13		
	AMENITY AREA COMMON AREA(15% GROSS SITE AREA)	0.7 ACRES 4.0 ACRES	
OAKS	COMMON AREA CALCULATIONS TND		
	COMMON AREA(20% GROSS AREA)	16.82 ACRES	
	MINIMUM REQUIRED PARKING MULTI-FAMILY = 1.5 PER UNIT X 354	531	
	SINGLE FAMILY & TOWNHOUSE 1.5 PER UN		
	ON STREET PARKING PROVIDED	95	
1			
	NOTES		
	1. SPEED LIMIT OF CLUB DRIVE IS 35 MPH.		
	2. ACCORDING TO THE U.S. FISH AND WILD WETLANDS INVENTORY - WETLANDS ARE L		
	3. ACCORDING TO THE FEMA FLOOD INSUR GWINNETT COUNTY PANEL NO. 13135C0085		
\backslash	2006. THE PROPERTY DOES FALL WITHIN A		
\setminus	"A" (AREAS OF 100 YEAR FLOOD). 4. WATERS OF THE STATED ARE WITHIN 200)' OF THIS PROPERTY.	
	5. THE CHATTAHOOCHEE RIVER IS NOT WIT	HIN 2000' OF THIS	
	PROPERTY. 6. GWINNETT COUNTY FIRE DEPARTMENT S	SHALL APPROVE ROAD	
	LAYOUT AND ENTRANCES. 7. WATER SERVICE SHALL BE PROVIDED BY	GWINNETT COUNTY	
	EXISTING WATER SERVICE WILL BE USED		
	8. SANITARY SEWER SERVICE WILL BE PRO COUNTY. EXISTING SEWER WILL BE TAPPE		
	9. THE PROPOSED DEVELOPMENT MAY BE STREETS.	GATED AND HAVE PRIVATE	
	10. ALL COMMON AREAS SHOWN FOR RM-1		
	CATEGORIES ARE OUTSIDE OF THE 100 YE	AR FLOODPLAIN.	
	OVERALL GRTA SITE	PLAN	
	NORTHWOOI)S	
3157 Club Drive			
	Land Lot 179, 180, 181 & 205		
Gwinnett County, Georgia			
	GEORGIA	DATE: 04-27-2020	
	GLISTER GUISTER	SCALE: 1" = 200'	
	For The Firm Travis Pruitt	CN:190442CP07	
	Associates, Inc.	JN:	
	Associates, Inc.	FN:	