



REGIONAL REVIEW NOTIFICATION

Atlanta Regional Commission • 40 Courtland Street NE, Atlanta, Georgia 30303 • ph: 404.463.3100 • fax: 404.463.3105 • www.atlantaregional.com

DATE: 6/9/2005

ARC REVIEW CODE: R506092

TO: Mayor Cecil Pruett
ATTN TO: Marie Garrett., Special Advisor to the Mayor
FROM: Charles Krautler, Director

NOTE: This is digital
signature. Original on file.

The Atlanta Regional Commission (ARC) has received the following proposal and is initiating a regional review to seek comments from potentially impacted jurisdictions and agencies. The ARC requests your comments regarding related to the proposal not addressed by the Commission's regional plans and policies.

Name of Proposal: Hickory Log Creek Reservoir

Review Type: Development of Regional Impact

Description: The proposed Hickory Log Creek Reservoir is a public water supply reservoir that will jointly service the areas of the City of Canton and the Cobb County Marietta Water Authority. The dam will span the width of Hickory Log Creek, north of the City of Canton and west of the new Bluffs Parkways. The dam will be 180 feet high and the reservoir will fill in behind, covering 370 acres. At capacity, it will hold 5 billion gallons of water and will be permitted to withdraw 44 millions gallons per day of water. The proposed project also includes an intake and pump station, and a pipeline to transport water between the reservoir and the Etowah River

Submitting Local Government: City of Canton

Date Opened: 6/9/2005

Deadline for Comments: 5/23/2005

Earliest the Regional Review can be Completed: 7/11/2005

THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES ARE RECEIVING NOTICE OF THIS REVIEW:

ARC LAND USE PLANNING
ARC DATA RESEARCH
GEORGIA DEPARTMENT OF NATURAL RESOURCES
COBB COUNTY
CITY OF WALESKA

ARC TRANSPORTATION PLANNING
GEORGIA REGIONAL TRANSPORTATION AUTHORITY
GEORGIA DEPARTMENT OF TRANSPORTATION
CITY OF HOLLY SPRINGS
CITY OF BALL GROUND

ARC ENVIRONMENTAL PLANNING
GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS
CHEROKEE COUNTY
CITY OF WOODSTOCK

Attached is information concerning this review.

If you have any questions regarding this review, Please call Mike Alexander, Review Coordinator, at (404) 463-3302. If the ARC staff does not receive comments from you by 5/23/2005, we will assume that your agency has no additional comments and we will close the review. Comments by email are strongly encouraged.

The ARC review website is located at: <http://www.atlantaregional.com/qualitygrowth/reviews.html> .



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DEVELOPMENT OF REGIONAL IMPACT

DRI- REQUEST FOR COMMENTS

Instructions: The project described below has been submitted to this Regional Development Center for review as a Development of Regional Impact (DRI). A DRI is a development of sufficient project of sufficient scale or importance that it is likely to have impacts beyond the jurisdiction of the project is actually located, such as 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 on this form and give us your comments in the space provided. The completed form should be returned to the RDC on or before the specified return deadline.

Preliminary Findings of the RDC: **Hickory Log Creek Reservoir** See the Preliminary Report .

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

Individual Completing form:

Local Government:

Department:

Telephone: ()

Signature:

Date:

Please Return this form to:

Mike Alexander, Atlanta Regional Commission
40 Courtland Street NE

Atlanta, GA 30303

Ph. (404) 463-3302 Fax (404) 463-3254

malexander@atlantaregional.com

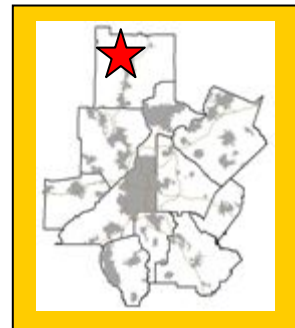
Return Date: 5/23/2005

Preliminary Report:	June 9, 2005, 2005	DEVELOPMENT OF REGIONAL IMPACT REVIEW REPORT	Project:	Hickory Log Creek Reservoir # 801
Final Report Due:	July 11, 2005		Comments Due By:	June 23, 2005

PRELIMINARY REPORT SUMMARY

PROPOSED DEVELOPMENT:

The proposed Hickory Log Creek Reservoir is a public water supply reservoir that will jointly service the areas of the City of Canton and the Cobb County Marietta Water Authority. The dam will span the width of Hickory Log Creek, north of the City of Canton and west of the new Bluffs Parkways. The dam will be 180 feet high and the reservoir will fill in behind, covering 370 acres. At capacity, it will hold 5 billion gallons of water and will be permitted to withdraw 44 millions gallons per day of water. The proposed project also includes an intake and pump station, and a pipeline to transport water between the reservoir and the Etowah River.



PROJECT PHASING:

The project is being proposed in one phase with a project build out date for 2008.

GENERAL

According to information on the review form or comments received from potentially affected governments:

Is the proposed project consistent with the host-local government's comprehensive plan? If not, identify inconsistencies.

The DRI review was triggered by a request from the applicant. Information submitted for the review states that the proposed development is consistent with the City of Canton's Future Land Use Plan.

Is the proposed project consistent with any potentially affected local government's comprehensive plan? If not, identify inconsistencies.

This will be determined based on comments received from potentially impacted local governments.

Will the proposed project impact the implementation of any local government's short-term work program? If so, how?

This will be determined based on comments received from potentially impacted local governments.

Will the proposed project generate population and/or employment increases in the Region? If yes, what would be the major infrastructure and facilities improvements needed to support the increase?

No..

What other major development projects are planned near the proposed project?

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The ARC has reviewed other major development projects, known as Area Plan (1984 to 1991) or as a DRI (1991 to present), within two miles radius of the proposed project.

2004	Etowah Shoals Master Plan
2003	Towne Mill
2003	Park Village
2001	The Bluffs at Technology Park
2000	View Point
2000	Laurel Canyon
1995	Summit Ridge

Will the proposed project displace housing units or community facilities? If yes, identify and give number of units, facilities, etc.

Based on information submitted for the review, the site is currently undeveloped.

Will the development cause a loss in jobs? If yes, how many?

No.

Is the proposed development consistent with regional plans and policies?

The Hickory Log Creek Reservoir is included in the Metropolitan North Georgia Water Planning District's September 2003 Water Supply and Water Conservation Management Plan. The development of the reservoir is an integral piece of the District's Plan.

The reservoir will create a new small (less than 100 square mile) water supply watershed upstream of the reservoir limits. The City of Canton and Cherokee County, if they have not already done so, will need to adopt either the Part 5 minimum criteria for small water supply watersheds or alternate criteria, which must be approved by Georgia DNR and EPD. A reservoir plan is also required under the Part 5 criteria.

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PRELIMINARY REPORT

Regional Development Plan Policies

1. Provide development strategies and infrastructure investments to accommodate forecasted population and employment growth more efficiently.
2. Guide an increased share of new development to the Central Business District, transportation corridors, activity centers and town centers.
3. Increase opportunities for mixed-use development, infill and redevelopment.
4. Increase transportation choices and transit-oriented development (TOD).
5. Provide a variety of housing choices throughout the region to ensure housing for individuals and families of diverse incomes and age groups.
6. Preserve and enhance existing residential neighborhoods.
7. Advance sustainable greenfield development.
8. Protect environmentally sensitive areas.
9. Create a regional network of greenspace that connects across jurisdictional boundaries.
10. Preserve existing rural character.
11. Preserve historic resources.
12. Inform and involve the public in planning at regional, local and neighborhood levels.
13. Coordinate local policies and regulations to support the RDP.
14. Support growth management at the state level.

BEST LAND USE PRACTICES

Practice 1: Keep vehicle miles of travel (VMT) below the area average. Infill developments are the best at accomplishing this. The more remote a development the more self contained it must be to stay below the area average VMT.

Practice 2: Contribute to the area's jobs-housing balance. Strive for a job-housing balance with a three to five mile area around a development site.

Practice 3: Mix land uses at the finest grain the market will bear and include civic uses in the mix.

Practice 4: Develop in clusters and keep the clusters small. This will result in more open space preservation.

Practice 5: Place higher-density housing near commercial centers, transit lines and parks. This will enable more walking, biking and transit use.

Practice 6: Phase convenience shopping and recreational opportunities to keep pace with housing. These are valued amenities and translate into less external travel by residents if located conveniently to housing.

Practice 7: Make subdivisions into neighborhoods with well-defined centers and edges. This is traditional development.

Practice 8: Reserve school sites and donate them if necessary to attract new schools. This will result in neighborhood schools which provide a more supportive learning environment than larger ones.

Practice 9: Concentrate commercial development in compact centers or districts, rather than letting it spread out in strips.

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Practice 10: Make shopping centers and business parks into all-purpose activity centers. Suburban shopping centers and their environs could be improved by mixing uses and designing them with the pedestrian amenities of downtowns.

Practice 11: Tame auto-oriented land uses, or at least separate them from pedestrian-oriented uses. Relegate “big box” stores to areas where they will do the least harm to the community fabric.

BEST TRANSPORTATION PRACTICES

Practice 1: Design the street network with multiple connections and relatively direct routes.

Practice 2: Space through-streets no more than a half-mile apart or the equivalent route density in a curvilinear network.

Practice 3: Use traffic-calming measures liberally. Use short streets, sharp curves, center islands, traffic circles, textured pavements, speed bumps and raised crosswalks.

Practice 4: Keep speeds on local streets down to 20 mph.

Practice 5: Keep speeds on arterials and collectors down to 35 mph (at least inside communities).

Practice 6: Keep all streets as narrow as possible and never more than four traffic lanes wide. Florida suggests access streets 18 feet, subcollectors 26 feet, and collectors from 28 feet to 36 feet depending on lanes and parking.

Practice 7: Align streets to give buildings energy-efficient orientations. Allow building sites to benefit from sun angles, natural shading and prevailing breezes.

Practice 8: Avoid using traffic signals wherever possible and always space them for good traffic progression.

Practice 9: Provide networks for pedestrians and bicyclists as good as the network for motorists.

Practice 10: Provide pedestrians and bicyclists with shortcuts and alternatives to travel along high-volume streets.

Practice 11: Incorporate transit-oriented design features.

Practice 12: Establish TDM programs for local employees. Ridesharing, modified work hours, telecommuting and others.

BEST ENVIRONMENTAL PRACTICES

Practice 1: Use a systems approach to environmental planning. Shift from development orientation to basins or ecosystems planning.

Practice 2: Channel development into areas that are already disturbed.

Practice 3: Preserve patches of high-quality habitat, as large and circular as possible, feathered at the edges and connected by wildlife corridors. Stream corridors offer great potential.

Practice 4: Design around significant wetlands.

Practice 5: Establish upland buffers around all retained wetlands and natural water bodies.

Practice 6: Preserve significant uplands, too.

Practice 7: Restore and enhance ecological functions damaged by prior site activities.

Practice 8: Detain runoff with open, natural drainage systems. The more natural the system the more valuable it will be for wildlife and water quality.

Practice 9: Design man-made lakes and stormwater ponds for maximum environmental value. Recreation, stormwater management, wildlife habitat and others.

Practice 10: Use reclaimed water and integrated pest management on large landscaped areas. Integrated pest management involves controlling pests by introducing their natural enemies and cultivating disease and insect resistant grasses.

Practice 11: Use and require the use of Xeriscape™ landscaping. Xeriscaping™ is water conserving landscape methods and materials.

BEST HOUSING PRACTICES

Practice 1: Offer “life cycle” housing. Providing integrated housing for every part of the “life cycle.”

Practice 2: Achieve an average net residential density of six to seven units per acre without the appearance of crowding. Cluster housing to achieve open space.

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Practice 3: Use cost-effective site development and construction practices. Small frontages and setbacks; rolled curbs or no curbs; shared driveways.
Practice 4: Design of energy-saving features. Natural shading and solar access.
Practice 5: Supply affordable single-family homes for moderate-income households.
Practice 6: Supply affordable multi-family and accessory housing for low-income households.
Practice 7: Tap government housing programs to broaden and deepen the housing/income mix.
Practice 8: Mix housing to the extent the market will bear.

LOCATION

Where is the proposed project located within the host-local government's boundaries?

The site is located in the City of Canton, west of Interstate 575.

Will the proposed project be located close to the host-local government's boundary with another local government? If yes, identify the other local government.

The proposed development is entirely within the City of Canton. The proposed development is approximately less than ¼ mile from Cherokee County and approximately 15 miles from Cobb County.

Will the proposed project be located close to land uses in other jurisdictions that would benefit, or be negatively impacted, by the project? Identify those land uses which would benefit and those which would be negatively affected and describe impacts.

To be determined during the review.

ECONOMY OF THE REGION

According to information on the review form or comments received from potentially affected governments:

What new taxes will be generated by the proposed project?

None

How many short-term jobs will the development generate in the Region?

Short-term jobs will depend upon construction schedule.

Is the regional work force sufficient to fill the demand created by the proposed project?

Yes.

In what ways could the proposed development have a positive or negative impact on existing industry or business in the Region?

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To be determined during the review.

NATURAL RESOURCES

Will the proposed project be located in or near wetlands, groundwater recharge area, water supply watershed, protected river corridor, or other environmentally sensitive area of the Region? If yes, identify those areas.

The Hickory Log Creek Reservoir is included in the Metropolitan North Georgia Water Planning District's September 2003 Water Supply and Water Conservation Management Plan. The development of the reservoir is an integral piece of the District's Plan.

The reservoir will create a new small (less than 100 square mile) water supply watershed upstream of the reservoir limits. The City of Canton and Cherokee County, if they have not already done so, will need to adopt either the Part 5 minimum criteria for small water supply watersheds or alternate criteria, which must be approved by Georgia DNR and EPD. A reservoir plan is also required under the Part 5 criteria.

HISTORIC RESOURCES

Will the proposed project be located near a national register site? If yes, identify site.

None have been identified.

In what ways could the proposed project create impacts that would damage the resource?

Not applicable.

In what ways could the proposed project have a positive influence on efforts to preserve or promote the historic resource?

Not applicable.

INFRASTRUCTURE

Transportation

Georgia Regional Transportation Authority Review Findings

This DRI proposal is being considered for review under the Georgia Regional Transportation Authority Expedited Review.

How much traffic (both average daily and peak am/pm) will be generated by the proposed project?

GRTA and ARC review staff agreed with the methodology and assumptions used in the analysis. The proposed project is anticipated to generate less than 1,000 trips per day. Because vehicular traffic

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associated with the proposed development is minimal, there is no expected impact to the surrounding roadway network due to the proposed expansion.

What transportation improvements are under construction or planned for the Region that would affect or be affected by the proposed project? What is the status of these improvements (long or short range or other)?

No roadway improvements are included proposed in Mobility 2030 that would affect or be affected by the proposed development

Impacts of the Hickory Log Creek Reservoir: What are the recommended transportation improvements based on the traffic study done by the applicant?

No significant impacts have been estimated because of the development of this project.

What are the conclusions of this review? Is the transportation system (existing and planned) capable of accommodating these trips?

With a trip generation of less than 1,000 trips per day, this development is permissible under the Expedited Review criteria.

What transportation demand management strategies does the developer propose (carpool, flextime, transit subsidy, etc.)?

Given the type of development, none are necessary and the Air Quality Benchmark test will not be used.

INFRASTRUCTURE

Wastewater and Sewage

Based on regional averages, wastewater is estimated at 0.1 MGD.

Which facility will treat wastewater from the project?

Information submitted with the review states that the Canton plant will provide wastewater treatment for the proposed development.

What is the current permitted capacity and average annual flow to this facility?

The capacity of South Cobb is listed below

PERMITTED CAPACITY MMF, MGD ₁	DESIGN CAPACITY MMF, MGD	2001 MMF, MGD	2008 MMF, MGD	2008 CAPACITY AVAILABLE +/-, MGD	PLANNED EXPANSION	REMARKS

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1.89	1.89	1	4	-2.11	Expand to 4.0 by 2003; to 6 or 7 mgd before 2010.	Will serve Ball Ground in the future.
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MMF: Maximum Monthly Flow. Mgd: million of gallons per day.

¹ Source: Metropolitan North Georgia Water Planning District **SHORT-TERM WASTEWATER CAPACITY PLAN**, August 2002.

What other major developments will be served by the plant serving this project?

ARC has reviewed a number of major developments that will be served by this plant.

INFRASTRUCTURE

Water Supply and Treatment

How much water will the proposed project demand?

Water demand also is estimated at 0 MGD based on regional averages.

How will the proposed project's demand for water impact the water supply or treatment facilities of the jurisdiction providing the service?

Information submitted with the review suggests that there is sufficient water supply capacity available for the proposed project.

INFRASTRUCTURE

Solid Waste

How much solid waste will be generated by the project? Where will this waste be disposed?

Information submitted with the review 0 tons of solid waste per year.

Other than adding to a serious regional solid waste disposal problem, will the project create any unusual waste handling or disposal problems?

No.

Are there any provisions for recycling this project's solid waste?

None stated.

INFRASTRUCTURE

Other facilities

According to information gained in the review process, will there be any unusual intergovernmental impacts on:



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- **Levels of governmental services?**
- **Administrative facilities?**
- **Schools?**
- **Libraries or cultural facilities?**
- **Fire, police, or EMS?**
- **Other government facilities?**
- **Other community services/resources (day care, health care, low income, non-English speaking, elderly, etc.)?**

To be determined during the review.

AGING

Does the development address population needs by age?

Not applicable.

What is the age demographic in the immediate area of the development?

Not applicable.

HOUSING

Will the proposed project create a demand for additional housing?

No, the proposed development will not create demand for additional housing in the areas.

Will the proposed project provide housing opportunities close to existing employment centers?

No.

Is there housing accessible to the project in all price ranges demanded?

Not applicable

Is it likely or unlikely that potential employees of the proposed project will be able to find affordable* housing?

Not applicable.

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* Defined as 30 percent of the income of a family making 80 percent of the median income of the Region – FY 2000 median income of \$51,649 for family of 4 in Georgia.

City of Canton



May 31, 2005

Mr. Brian Borden
Land Use Planner
GRTA
245 Peachtree Center Avenue
Suite 900
Atlanta, GA 30303

687 Marietta Highway
Canton, Georgia 30114

770 704 1500 phone
770 704 1538 fax
www.canton-georgia.com

RE: DRI #801
Hickory Log Creek Reservoir

Cecil Pruett
Mayor

Dear Brian:

Please accept this letter as our formal request for an accelerated DRI review on the above referenced project.

Wade Buchanan
Lester Cantrell
Wally Fowler
Amelia Rose
Pat Tanner
Jo Ellen Wilson
City Council


As you are aware, this project is currently included in the North Georgia Water Planning District Water Supply and Water Conservation Management Plan. We anticipate that this project will generate less than 1,000 trips a day and therefore request that we not be required to submit an Area of Influence Study.

Benny Carter
City Manager

Please contact me if you need any additional information concerning this project. I am ready to file Form 2 of the DRI application and await your approval to do so.

Diana G. Threewitt
City Clerk

Sincerely,


Marie L. Garrett
Special Advisor to the Mayor

Cc: Mayor Cecil Pruett
Billy Hasty, Jr., City Attorney
Mike Alexander, ARC

Your DRI ID NUMBER for this submission is: **801**
 Use this number when filling out a DRI REVIEW REQUEST.
 Submitted on: 5/16/2005 10:07:49 AM

DEVELOPMENT OF REGIONAL IMPACT

Cherokee County Initial DRI Information (Form1b)

This form is intended for use by local governments within the Metropolitan Region Tier that are also within the jurisdiction of the Georgia Regional Transportation Authority (GRTA). The form is to be completed by the city or county government for submission to your Regional Development Center (RDC), GRTA and DCA. This form provides basic project information that will allow the RDC to determine if the project appears to meet or exceed applicable DRI thresholds. Local governments should refer to both the Rules for the DRI Process 110-12-3 and the DRI Tiers and Thresholds established by DCA.

Local Government Information

Submitting Local Government:	City of Canton
*Individual completing form and Mailing Address:	Marie Garrett Special Advisor to the Mayor City Hall 687 Marietta Highway Canton, GA 30114
Telephone:	770-752-8988
Fax:	770-442-3489
E-mail (only one):	marieg@bellsouth.net

*Note: The local government representative completing this form is responsible for the accuracy of the information contained herein. If a project is to be located in more than one jurisdiction and, in total, the project meets or exceeds a DRI threshold, the local government in which the largest portion of the project is to be located is responsible for initiating the DRI review process.

Proposed Project Information

Name of Proposed Project:	Hickory Log Creek Reservoir	
Development Type	Description of Project	Thresholds
Water Supply Intakes/Reservoirs	Public water supply reservoir to Joint project that will service the areas of the City of Canton and the Cobb County Marietta Water Authority	View Thresholds
Developer / Applicant and Mailing Address:	City of Canton 687 Marietta Highway Canton, GA 30114	
Telephone:	770-704-1500	
Fax:	770-479-1266	
Email:	marieg@bellsouth.net	
Name of property owner(s) if different from developer/ applicant:		
Provide Land-Lot-District Number:	14N224-060	
What are the principal streets or roads providing vehicular access to the site?	The Bluffs Parkway Fate Conn Road	
Provide name of nearest street(s) or intersection:	Intersection of The Bluffs Parkway at Fate Conn Road	
Provide geographic coordinates (latitude/longitude) of the center of the proposed project (optional):	/	
If available, provide a link to a website providing a general location map of the proposed project (optional). (http://www.mapquest.com or http://www.mapblast.com are helpful sites to use.):		
Is the proposed project entirely located within your local government's jurisdiction?	Y	

If yes, how close is the boundary of the nearest other local government?	Less than 1/4 mile
If no, provide the following information:	
In what additional jurisdictions is the project located?	
In which jurisdiction is the majority of the project located? (give percent of project)	Name: (NOTE: This local government is responsible for initiating the DRI review process.)
	Percent of Project:
Is the current proposal a continuation or expansion of a previous DRI?	N
If yes, provide the following information (where applicable):	Name:
	Project ID:
	App #:
The initial action being requested of the local government by the applicant is:	Other Local Government Applicant
What is the name of the water supplier for this site?	City of Canton
What is the name of the wastewater treatment supplier for this site?	City of Canton
Is this project a phase or part of a larger overall project?	N
If yes, what percent of the overall project does this project/phase represent?	
Estimated Completion Dates:	This project/phase: Overall project: 2008

Local Government Comprehensive Plan

Is the development consistent with the local government's comprehensive plan, including the Future Land Use Map?	Y
If no, does the local government intend to amend the plan/map to account for this development?	
If amendments are needed, when will the plan/map be amended?	

Service Delivery Strategy

Is all local service provision consistent with the countywide Service Delivery Strategy?	Y
If no, when will required amendments to the countywide Service Delivery Strategy be complete?	

Land Transportation Improvements

Are land transportation or access improvements planned or needed to support the proposed project?	N
If yes, how have these improvements been identified:	
Included in local government Comprehensive Plan or Short Term Work Program?	Y
Included in other local government plans (e.g. SPLOST/LOST Projects, etc.)?	Y
Included in an official Transportation Improvement Plan (TIP)?	Y
Developer/Applicant has identified needed improvements?	Y
Other (Please Describe):	

Submitted on: 6/6/2005 11:24:07 AM

DEVELOPMENT OF REGIONAL IMPACT DRI Review Initiation Request (Form2a)

Local Government Information

Submitting Local Government:	City of Canton
Individual completing form:	Marie Garrett
Telephone:	770-752-8988
Fax:	770-442-3489
Email (only one):	marielg@bellsouth.net

Proposed Project Information

Name of Proposed Project:	Hickory Log Creek Reservoir
DRI ID Number:	801
Developer/Applicant:	City of Canton
Telephone:	770-704-1500
Fax:	770-479-1266
Email(s):	marielg@bellsouth.net

DRI Review Process

Has the RDC identified any additional information required in order to proceed with the official regional review process? (If no, proceed to Economic Impacts.)	N
If yes, has that additional information been provided to your RDC and, if applicable, GRTA?	
If no, the official review process can not start until this additional information is provided.	

Economic Impacts

Estimated Value at Build-Out:	\$40M
Estimated annual local tax revenues (i.e., property tax, sales tax) likely to be generated by the proposed development:	0
Is the regional work force sufficient to fill the demand created by the proposed project?	Y
If the development will displace any existing uses, please describe (using number of units, square feet., etc): none	

Community Facilities Impacts

Water Supply

Name of water supply provider for this site:	City of Canton
What is the estimated water supply demand to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	0
Is sufficient water supply capacity available to serve the proposed project?	Y
If no, are there any current plans to expand existing water supply capacity?	
If there are plans to expand the existing water supply capacity, briefly describe below:	
If water line extension is required to serve this project, how much additional line (in miles) will be required?	

Wastewater Disposal

Name of wastewater treatment provider for this site:	City of Canton
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What is the estimated sewage flow to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	less than 0.1
Is sufficient wastewater treatment capacity available to serve this proposed project?	Y
If no, are there any current plans to expand existing wastewater treatment capacity?	
If there are plans to expand existing wastewater treatment capacity, briefly describe below:	
If sewer line extension is required to serve this project, 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 per day? (If only an alternative measure of volume is available, please provide.)	less than 1,000 trips a day
Has a traffic study been performed to determine whether or not transportation or access improvements will be needed to serve this project?	N
If yes, has a copy of the study been provided to the local government?	
If transportation improvements are needed to serve this project, please describe below: Typical access drives will be constructed to provide immediate access to the project only.	

Solid Waste Disposal

How much solid waste is the project expected to generate annually (in tons)?	0
Is sufficient landfill capacity available to serve this proposed project?	Y
If no, are there any current plans to expand existing landfill capacity?	
If there are plans to expand existing landfill capacity, briefly describe below:	
Will any hazardous waste be generated by the development? If yes, please explain below:	
	N

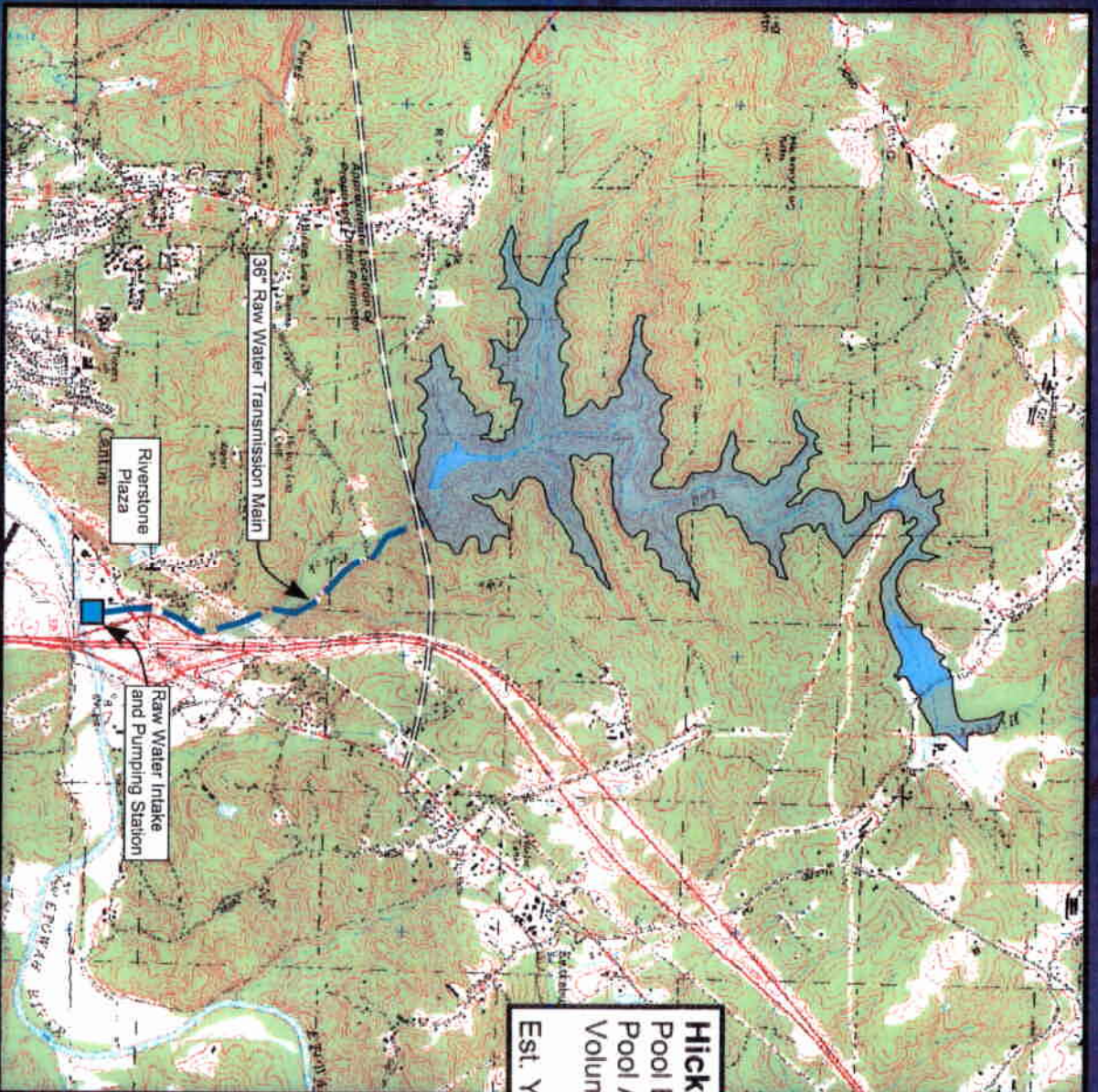
Stormwater Management

What percentage of the site is projected to be impervious surface once the proposed development has been constructed?	less than 10%
Is the site located in a water supply watershed?	Y
If yes, list the watershed(s) name(s) below: Etowah River	
Describe any measures proposed (such as buffers, detention or retention ponds, pervious parking areas) to mitigate the project's impacts on stormwater management: N/A	

Environmental Quality

Is the development located within, or likely to affect any of the following:	
1. Water supply watersheds?	Y
2. Significant groundwater recharge areas?	N
3. Wetlands?	Y
4. Protected mountains?	N
5. Protected river corridors?	N
If you answered yes to any question 1-5 above, describe how the identified resource(s) may be affected below: Project is to create a water supply reservoir in the watershed. Wetland impacts will be mitigated pursuant to the Section 404 Permit from the US Army Corps of Engineers.	

Has the local government implemented environmental regulations consistent with the Department of Natural Resources' Rules for Environmental Planning Criteria?	Y
Is the development located within, or likely to affect any of the following:	
1. Floodplains?	Y
2. Historic resources?	Y
3. Other environmentally sensitive resources?	N
If you answered yes to any question 1-3 above, describe how the identified resource(s) may be affected below: Historic resources will be recovered pursuant to memorandum of agreement with National Advisory Council. Applicant will remap floodplain pursuant to Section 404 Permit conditions. Protected species impacts will be compensated for and pursuant to the conditions contained within a biological opinion prepared by the US Fish and Wildlife Service.	



Hickory Log Creek Reservoir
Pool Elev. = 1060 feet msl
Pool Area = 370 acres
Volume = 14,800 acre-feet
= 4.8 Billion Gallons
Est. Yield (w/Pumping) = 45 MGD

One Mile

FIGURE 1

