



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: Aug 29 2005

ARC REVIEW CODE: P508292

TO: Mayor Alan Hallman
ATTN TO: Mike Rast, City Administrator
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: City of Hapeville Solid Waste Management Plan
Review Type: Solid Waste Management Plan

Description: City of Hapeville Solid Waste Management Plan and Short Term Work Program 2005-2010.

Submitting Local Government: City of Hapeville

Action Under Consideration: Approval

Date Opened: Aug 29 2005

Deadline for Comments: Sep 12 2005

Earliest the Regional Review can be Completed: Oct 28 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
CITY OF COLLEGE PARK
CITY OF UNION CITY
CITY OF ROSWELL
CLAYTON COUNTY

ARC TRANSPORTATION PLANNING
ARC AGING DIVISION
GEORGIA CONSERVANCY
CITY OF EAST POINT
CITY OF FAIRBURN
CITY OF ALPHARETTA
CITY OF FOREST PARK

ARC ENVIRONMENTAL PLANNING
GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS
FULTON COUNTY
CITY OF ATLANTA
CITY OF PALMETTO
CITY OF MOUNTAIN PARK
DEKALB COUNTY

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 Sep 12 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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NOTICE OF LOCAL PLAN SUBMITTAL AND HEARING/COMMENT OPPORTUNITY

Submitting Local Government:	City of Hapeville	Date Received:	Aug 29 2005
Local Contact:	Mike Rast, City Administrator City of Hapeville	Public Hearing Date and Time:	2005-09-12 8:30 am
Phone:	404-669-2100	E-Mail:	mrast@hapeville.org
Fax:	404-669-2113	Website:	
Street	3468 North Fulton Avenue	City State, Zip:	Hapeville, Georgia 30354

Department of Community Affairs Review Required

Review Title:	City of Hapeville Solid Waste Management Plan
Description:	City of Hapeville Solid Waste Management Plan and Short Term Work Program 2005-2010. Document can be viewed on the ARC website at: http://www.atlantaregional.com/qualitygrowth/compplanreviews.html Click on the Regional Review Notice for the City of Hapeville.

The submitted documents are available for review at the City and at ARC.

Reviewing Regional Development Center:

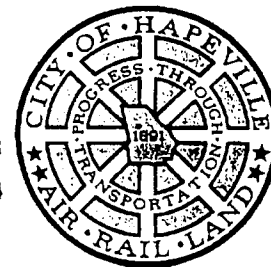
Atlanta Regional Commission
40 Courtland Street, NE Atlanta, GA. 30303
Phone 404.463.3302 FAX 404.463.3254

Contact Person:	Mike Alexander, Review Coordinator
E-Mail	malexander@atlantaregional.com

City of HAPEVILLE

HAPEVILLE, GEORGIA 30354

Resolution



RESOLUTION OF THE CITY OF HAPEVILLE

2005-08

Whereas, the City of Hapeville has completed revisions to the City of Hapeville Solid Waste Management Plan and Short Term Work Program 2005-2010; and

Whereas, the City of Hapeville is desirous of complying with Georgia Department of Community Affairs established standards and procedures for implementation of the Georgia Comprehensive Solid Waste Management Act; and

Whereas, these standards and procedures provide a framework for comprehensive solid waste management; and

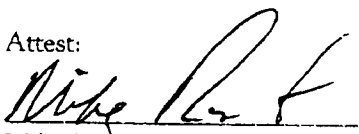
Whereas, the City of Hapeville is committed to meeting Georgia's solid waste reduction goal of 25 percent, ensuring that Hapeville maintains solid waste capacity for a ten-year period and further ensuring that Hapeville maintains adequate solid waste collection capability;

Now, therefore, be it Resolved by the Mayor and Council submit the City of Hapeville Solid Waste Management Plan Update and Short Term Work Program 2005-2010, to the Georgia Department of Community Affairs and the Atlanta Regional Commission for review and approval, in order to affect the anticipated efficiency and service upgrades contained within the Plan.

The City has also adopted the following State objectives as part of the original Solid Waste Management Plan dated June 12, 1995. These are:

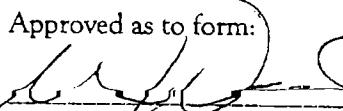
1. Assurance of waste collection and disposal capacity for a ten-year period.
2. Indication as to how Hapeville will reduce solid wastes by 25 percent by July 1, 1996.
3. Identification of all solid waste handling facilities in Hapeville.
4. Mapping of all land areas unsuitable for waste handling facility locations.

Attest:


Mike Rast, City Administrator


Alan Hallman, Mayor

Approved as to form:


Murray Weed, City Attorney



I. INTRODUCTION

The City of Hapeville Solid Waste Management Plan has been created in order to comply with the Georgia Comprehensive Solid Waste Management Act. This act requires each city to develop a solid waste management plan. The plan details the current solid waste management system, and establishes certain strategies for handling solid waste over a ten-year planning period. Solid Waste is defined as garbage, refuse, sludge from a wastewater treatment plant, or air pollution control facility; and other discarded material including solid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and community activities.

The Department of Community Affairs has established standards and procedures that provide a guide for comprehensive solid waste management. The standards and procedures also stress the importance of public input from citizens and organizations. One of the requirements is that a public hearing be held to gather input from the public on the preparation, needs and goals of the plan. An initial public hearing was held on . The public was informed of the purpose of the plan and they were encouraged to make comments and suggestions at that time. A second public hearing, scheduled for , will be held prior to submitting the plan to the Atlanta Regional Commission, so the community will be given an opportunity to review the plan and make input before submitting it to ARC.

The Hapeville Solid Waste Management plan must meet the following criteria:

1. Assurance of adequate solid waste collection capability and disposal capability for at least ten years from the completion of the plan.
2. Program in effect to reduce by 25 percent the per capita rate of municipal solid waste disposed statewide in solid waste facilities.
3. Identify all solid waste handling facilities in Hapeville
4. Identify all land areas that are unsuitable for solid waste handling facilities based on environmental and land use factors.

The plan also requires that an Annual Solid Waste Survey and Full-Cost Report be provided and the information from these documents must be reasonably consistent with the information provided in the plan. Finally, the plan should effectively analyze our current solid waste system and identify areas that need improvement.

II. COMMUNITY PROFILE

The City of Hapeville has a population of 6,180 people. The 2.3 square miles of land is bordered on the north by Atlanta, on the east by I-75, on the west by I-85, and on the south by Hartsfield-Jackson Airport. Hapeville's commercial areas are along North and South Central Avenue and Virginia Avenue. The town is divided by the Norfolk Southern Railroad. Most of the residential areas are to the north, however, redevelopment is occurring rapidly on the south side of the railroad. Hapeville is a small community that is nearly "built out".

The Hapeville Public Service Department is responsible for residential collection and hauling of solid waste. The solid waste is hauled to a BFI owned transfer station in East Point. The majority of commercial wastes are collected by BFI and hauled to Richland Creek Road Sanitary Landfill in Buford, Georgia; the rest of the commercial waste is picked up by the city and taken to the East Point Transfer Station. The city crews are responsible for collection and hauling of yard trimmings to an inert landfill on Merk Road in Fulton County.

The City of Hapeville has three recycling centers. The largest recycling center is located on Meadow Road. This drop off center takes cardboard, glass, newspaper, plastic, oil and aluminum cans. The Public Service Department also has a metal recycling box located on Perkins Street.

The Hapeville Clean and Beautiful is an organization that is very active in educating the community about recycling and environmental preservation. This group works in conjunction with the city in hosting annual events that target litter control and recycling. Hapeville is a community that is concerned with preserving our resources and reducing the amount of solid waste that enters the waste stream.

III. WASTE DISPOSAL STREAM ANALYSIS

- (a) The Waste Stream Generators for the City of Hapeville are Commercial and Residential. The chart below shows the different types of waste that contribute to the waste disposal stream and the percentages of them.

Types of Waste	
TYPE	%
Paper	38
Plastic	15.9
Glass	4.1
Metals	5.8
Organic	26.8
Inorganic	3.2
Const. & Demolition	6.3

SOURCE: E.P.D.

Significant fluctuation in the amount of solid waste would only be present in the event of a natural disaster. The Public Service Department is responsible for handling storms by using city crews to cut up fallen trees and using our chipper to chip the wood into mulch for reuse. The City also contracts with Southeastern Tree Service to help in emergency situations where extra help is needed.

- (b) This section of the plan compiles anticipated waste amounts for the ten-year planning period. The data compiled in the following table was formulated by using information from census records and Hapeville sanitation records. The future population was forecasted by taken into consideration that Hapeville is a compact community which is nearly "built out." While there is some redevelopment in the old second ward and future senior housing planned for the area, there is little room for expansion. Our population projections show small growth each year until 2010. From 2010 on, the population figures level out and show little growth due to the city being completely "built out" at that time.

In order to get the per capita waste numbers, the following formula was used:

The total of all city refuse was multiplied by 2000 to convert tons to pounds. This was then divided by the population; then divided into 365 (# of days in a year). The resulting figure is the per capita waste (pounds per day).

The tons of waste collected for the year 2003 is based on actual data compiled from Hapeville Sanitation records. The projected tonnage figures for subsequent years, was based on this formula:

Multiply the per capita waste figure for the given year times the projected population; then multiply the resulting figure times 365 (1 year); divide by 2000; thus the projected tonnage is obtained.

SOLID WASTE PROJECTIONS

YEAR	POPULATION	TONS OF WASTE	PER CAPITA WASTE *	WASTE PER YEAR **
2003	6,180	4,999	4.43	9,998
2004	6,280	5,077	4.43	10,154
2005	6,380	5,158	4.43	10,316
2006	6,480	5,239	4.43	10,478
2007	6,580	5,320	4.43	10,640
2008	6,680	5,401	4.43	10,802
2009	6,780	5,481	4.43	10,962
2010	6,880	5,562	4.43	11,124
2011	6,880	5,562	4.43	11,124
2012	6,880	5,562	4.43	11,124
2013	6,880	5,562	4.43	11,124
2014	6,880	5,562	4.43	11,124
2015	6,880	5,562	4.43	11,124

* Pounds Per Day

** Cubic Yards (Tons x 2)

SOURCE OF WASTE: 2003

Source of Waste	Tonnage	Percent of Total
Residential	3,543	70.87
Commercial	1,456	29.13
Other	n/a	n/a
Industrial	n/a	n/a
Construction	n/a	n/a
Total	4,999	100.00

NOTE: The tonnage amounts for 2003 are actual, not estimates.
The date for 2004-2015 are estimates.

IV. INVENTORY AND ASSESSMENT

(a) Waste Reduction Element

1. Programs: The City of Hapeville has three current annual recycling programs. The annual Win-a-Buck Program promotes recycling in the Hapeville area. The program targets individual residents, churches, civic groups and other organizations. We usually have about 6 organizations and about 25 to 30 individual recyclers competing. We collect aluminum, newspapers, glass, plastic and magazines. The other annual recycling program we have is Zap Trash Day. This annual event again targets individual residents and groups. We usually pick up various items that have been thrown in the street. While we accomplish cleaning up the town it also benefits recycling. The City also has an annual Bring One for the Chipper program, where residents can bring their used Christmas trees to our recycling station to be chipped and used for mulch.

2. Source Reduction & Recycling:

The City offices and public buildings provide recycling containers. City employees are encouraged to reduce paper use and recycle other items. The City keeps a scrap metal bin on Perkins Street that is taken to Newell Recycling. The City currently has three recycling collection centers. The largest is located on Meadow Road, with two others on Elm St. and N. Fulton Avenue. The Win-a-Buck and the Zap Trash Day are two of the older programs we have been doing annually. We have just started a new program that is in conjunction with Earth Day. We participate with the local Elementary School in teaching the kids how and what to recycle. This takes place during Earth Day Week.

3. Yard Trimming Mulching/Composting:

The City requires yard trimmings be separated from municipal solid waste in accordance with Georgia Law. A chipper is used when we have a large pile of limbs that need to be removed from a residence. We also use the chipper to clean up storm damage. All of the mulch from the chipper is available to our residents to reuse. Leaves, grass clippings and small piles of limbs are sent to an inert landfill. The inert landfill recycles yard waste and clean wood. We also encourage home composting.

4. Special Management Items:

The City has a contract with BFI to recycle all of our tires. The city is responsible for transporting the tires to their Jackson, Ga. facility. All of our white goods are taken to Newell Recycling. We also take our batteries to Newell for recycling. Twice a year we have a Clean Sweep program where we pick up these items for recycling.

5. Targets:

The current waste reduction and recycling programs target the generating sector and waste stream in an effective way, which is in line with the State's 25% per capita waste disposal reduction goal.

6. Statement of Needs & Goals:

Need: Reduce the amount of wastes entering the waste stream, particularly yard waste.

Goal: Achieve the Statewide waste reduction goal by reducing the amount of wastes by establishing home composting programs and identifying new markets for recyclables.

(b) Collection Element

1. Residential:

The City of Hapeville Public Service Department provides all of the solid waste collection services for the residential areas. Collection is currently backyard pick up twice a week. The exception is one new neighborhood where curbside is the current method. White goods and furniture are picked up separately and a surcharge is added. Building Materials and carpet are not picked up by the city. Tires are picked up only on Clean Sweep Events. Recyclables are collected from the three recycle centers. The centers accept cardboard, glass, aluminum, tin cans, oil, newspapers, magazines and plastic.

Commercial:

Collection for our commercial areas are handled by Browning Ferris Industries, Inc. and the Hapeville Public Service Department. Small businesses are picked up by the City, while large multi-family developments and large commercial businesses are handled by Browning Ferris Industries. The City contracts with BFI to handle the large multi-family developments and large commercial businesses.

2. The Hapeville Public Service Department collects yard trimmings curbside. They use a leaf truck, chipper and rear loaders to collect the yard debris. The City encourages residents to bag their leaves, but they can be left loose. Limbs are chipped for mulch or taken to the landfill for recycling.
3. The City offers backdoor service to everyone except those in the new Central Park neighborhood. Curbside was the choice for this new neighborhood. The City hopes to have everyone curbside in the near future.
4. The City has very little vacant properties or areas in which illegal dumping can take place.

5. **Need:** To eliminate twice a week garbage pickup behind the house.

Goal: To pick up garbage once a week curbside.

6. In the event that current collection methods become interrupted, the City would contract with Browning Ferris Industries to help handle the collection load. It would probably take no more than 2 weeks to get some type of contingency option on line.

(c) Disposal Element

- 1 **Disposal:** The City of Hapeville does not operate any disposal facilities, due to the lack of available land for operating such facilities. Therefore, the City depends on outside providers for disposal services. Collected solid waste is hauled to a transfer station in East Point for holding and then taken to the Richland Creek Road Sanitary Landfill in Buford, Georgia. The solid waste landfill is 334 acres and has a projected remaining life of 17 years. This facility is owned and operated by BFI Waste Systems.

Collected yard trimmings are taken to Consolidated Resource Recovery on Merk Road in Fulton County. This inert landfill is 17 acres and has an indefinite remaining life, due to all of the yard debris accepted is recycled and shipped out of this facility. Yard trimmings are recycled into wood chips, mulch and compost. This is documented in Appendix A.

Thermal Treatment Technologies: Hapeville does not use any thermal treatment technologies and they do not anticipate using any in the future. This is due to the lack of availability of nearby facilities and the high cost of such technologies.

- 2 The City of Hapeville expects the existing facilities and our current practices to be adequate throughout the ten-year planning period.
 - 3 *Need:* The City of Hapeville should identify alternate disposal facilities for yard trimmings.

Goal: Find an inert landfill that is closer to our jurisdiction or look at starting a compost in our jurisdiction.
 - 4 Assurance of Ten-year Disposal Capacity: BFI provides commercial solid waste hauling and permanent disposal services for the City of Hapeville. The City hauls residential solid waste to a BFI owned transfer station in East Point.. The City has contracted with BFI since 1999 to handle commercial hauling and disposal services. The current contract started in 2002 and expires in 2005. BFI's contract and letter demonstrating their ability to ensure transportation and disposal capacity for Hapeville's solid waste throughout the ten-year planning period is presented in Appendix B.
 - 5 In the case of an interruption in our primary disposal method, the city would use our old city owned transfer station located on South Street as a staging area for the solid waste. We then would arrange for BFI to transport the solid waste to a landfill. The old transfer station is no longer in use, but it would provide a temporary place to put the solid waste until other arrangements are secured. This contingency plan would probably take no longer than 2 weeks to implement.
- (d) Land Limitation Element
- 1 Hapeville must make an assessment of land areas which, due to natural environmental limitations or land use factors, are considered unsuitable for development for recycling, recovery, composting or solid waste facilities.

Natural Environmental Limitations:

Water Supply Watersheds: DNR Rule 391-3-16-.01(7)(c)1 requires that proposed solid waste landfills within a small water supply watershed must provide synthetic liners and leachate collection systems. Hapeville is a small city that does not have the available land area for a landfill. The City's Land Use Plan and Zoning Ordinance does not allow solid waste landfills.

Groundwater Recharge Areas: DNR Rule 391-3-16-.02(3)(a) requires that in significant groundwater recharge areas, DNR shall not issue permits for new solid waste landfills not having synthetic liners and leachate collection systems. As mentioned before, the City of Hapeville does not allow solid waste landfills to operate in its jurisdiction.

Wetlands: DNR Rule 391-3-16-03(3)(e) does not allow solid waste landfills to be located in wetlands.

River Corridors: DNR Rule 391-3-16-.04(4)(h) prohibits the development of new solid waste landfills within protected river corridors. The City of Hapeville does not have any protected river corridors.

Protected Mountains: DNR Rule 391-3-16-.05(4)(1) prohibits the development of new solid waste landfills in areas designated as protected mountains.

- 2 **Criteria for Siting:** The Department of Natural Resources has issued several rules for the siting of solid waste facilities. These rules will be considered in any revisions to the City's Zoning Ordinance or updating of other regulatory codes. The following criteria have been addressed in preparation of this solid waste management plan:

Zoning: DNR Rule 391-3-4-.05(1)(a) requires that the site must conform to all local zoning/land use ordinances, and that written verification of such be submitted to the Environmental

Protection Division of DNR. Hapeville's Zoning Ordinance does not provide for solid waste facilities as a permitted use. The future land use map does not identify any area of the city for use as a solid waste facility.

Airport Safety: DNR Rule 391-3-4-.05(1)(c) requires that new solid waste landfill units or lateral expansions of existing units shall not be within 10,000 feet of any public use or private use airport runway end used by turbojet aircraft or within 5,000 feet of any public use or private use airport runway end used by only piston type aircraft. Hapeville city limits run parallel to the runways of Hartsfield-Jackson International Airport, therefore, it would be impossible to locate a solid waste landfill at the end of the runways.

Flood Plains: DNR Rule 391-3-4-.05(1)(d) stipulates that any solid waste landfill located in the 100-year flood plain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the flood plain, or result in a washout of solid waste so as to pose a threat to human health or the environment. The exhibit identifies flood hazard areas based on the Federal Emergency Management Agency Maps. Any development of these types of facilities shall be prohibited in Hapeville.

Wetlands: DNR Rule 391-3-4-.05(1)(e) prohibits the development of solid waste landfills in wetlands, as defined by the U.S. Army Corps of Engineers, unless evidence is provided by the applicant to EPD that use of such wetlands has been permitted or otherwise authorized under all other applicable state and federal laws and rules.

Fault Areas: DNR Rule 391-3-4-.05(1)(f) requires that new landfill units and lateral expansions of existing landfills shall not be located within 200 feet of a fault that has had displacement in the Holocene Epoch unless the owner or operator demonstrates to EPD that an alternative setback distance of less than 200 feet will prevent damage to the structural

integrity of the landfill unit and will be protective of human health and the environment. Hapeville does not have any locations within 200 feet of such a fault.

Seismic impact zones: DNR Rule 391-3-4-.05(1)(g) prohibits the development of new landfill units and lateral expansions in seismic impact zones unless the owner or operator demonstrates to EPD that all containment structures, including liners, leachate collection systems, and surface water control systems are designed to resist the maximum horizontal acceleration in lithified earth material for the site. Hapeville is not located in such an area and this criteria will not be used to regulate location of proposed landfills.

Unstable Areas: DNR Rule 391-3-4-.05(1)(h) requires owners or operators of new landfill units, existing landfill units, and lateral expansions located in unstable areas to demonstrate that engineering measures have been incorporated in the landfill unit's design to ensure that the integrity of the structural components of the landfill unit will not be disrupted. Hapeville enforces a test of conformance to all applicable engineering standards in reviewing all development proposals. Proposals which otherwise conform to the criteria of this section must demonstrate that sound engineering measures have been incorporated into landfill design to ensure the integrity of structural components of the landfill will not be jeopardized.

Significant groundwater recharge areas: DNR Rule 391-3-4.05(1)(j) Hapeville does not have any significant groundwater recharge areas.

Disposal facility siting decision:

Due to the physical restrictions mentioned earlier, it is highly unlikely that anyone would consider an application for a solid waste facility in the City of Hapeville. However, should an application for a solid waste facility be filed, all State laws and rules will be enforced, including DNR Rule 391-3-4-.05(1)(b).

Applicants will also be required to conduct a Hydrological Assessment in Accordance with DNR Rule 391-3-4-.05(1)(K).

Need: The City of Hapeville needs to adopt ordinances that regulate facilities which are unsuitable to our local natural environment.

Goal: To create an environmental board that will oversee the application, citing and regulation of proposed solid waste management facilities.

Plan Consistency: The City of Hapeville does not have any solid waste handling facilities and the zoning ordinance does not recognize proposed facilities as a permitted use. In the event that a solid waste facility is proposed in the City of Hapeville, approval of such a facility in most cases would be handled as a special exception by the Board of Appeals. The creation of an environmental board would be the ideal way to deal with proposed facilities.

(e) Education and Public Involvement Element

The City of Hapeville has taken the initiative in educating and involving the public on solid waste management. Programs and committees have been a useful tool in making the public aware of solid waste issues. The Hapeville Clean and Beautiful Commission currently serves as the local solid waste citizen advisory committee for solid waste issues in the city. This committee works in conjunction with city staff in addressing solid waste matters.

Need: To develop more programs that will educate the public and encourage them to recycle and participate in reducing the amount of waste going into the Waste Stream.

Goal: Initiate 3 new programs within next five years that reduce the amount of waste in the Waste Stream.

The Hapeville Clean & Beautiful assists in organizing the following programs:

Litter Control Program: Zap Trash Day is an annual clean up event that targets litter control in our downtown commercial areas. The items that are removed by citizens are recycled and disposed of properly. This event is popular with the Boys Scouts and Girl Scouts. Corporate sponsors provide a lunch and Zap Trash tee-shirts are given out to participants.

Win-a-buck Recycling Contest: Each year the Clean and Beautiful Committee sponsors a recycling contest for civic groups, churches and individual citizens. Cash rewards are handed out to the groups that turn in the most recyclables. Certificates are handed out to the individual winners of this contest.

Each year the City of Hapeville participates in the annual "Bring one for the Chipper", which is part of the Department of Community Affairs' Keep Georgia Beautiful program. This program diverts Christmas trees from being disposed of by chipping them up for other uses. Tree seedlings are given out to anyone that brings in a Christmas tree. This program educates the public on environmental preservation.

School system programs: The City of Hapeville and the Hapeville Elementary School stages an annual Earth Day Program. This program involves city employees, recycling companies, guest speakers and the school children. The children are taught about protecting the environment and natural resources. They are also given a chance to bring items to school that can be recycled.

Regional Programs: The South Fulton Clean and Beautiful is the regional, environmental group in this area. Our Clean and Beautiful Committee works in conjunction with them on different programs and training sessions.

Implementation Schedule

Activity	Years	Agency	Cost	Funding Source
WASTE REDUCTION				
Identify new markets for recyclables	2005-2010	Community Service Dept.	3,000	GEFA Grant
Establish a home compost program for residents	2010-2015	Community Service Dept.	3,000	GEFA Grant
Explore volume based charging for solid waste & yard debris	2010-2015	Community Service Dept.	500	General Fund
COLLECTION				
Reduce garbage pickup to one day a week	2005-2010	Community Service Dept.	80,000	General Fund
Explore curbside recycling	2010-2015	Community Service Dept.	1,500	GEFA Grant
DISPOSAL				
Identify inert landfills close to city	2005-2010	Community Service Dept.	500	General Fund
Continue hauling solid waste to a transfer station	Ongoing	Community Service Dept.	190,000 annually	General Fund
EDUC. & PUBLIC INVOLVEMENT				
Expand Earth Day Program	2005-2010	Clean & Beautiful	3,000	Hapeville Clean & Beautiful
Continue Bring One for the Chipper Program	Ongoing	Dept. of Comm. Affairs	500	Dept. of Comm. Affairs/ General
Continue Zap Trash Day	Ongoing	Clean & Beautiful	3,000	Hapeville Clean & Beautiful
LAND LIMITATION				
Establish environmental board	2010-2015	Board of Appeals	1,000	General Fund
Establish ordinances addressing siting of landfills	2005-2010	Community Service Dept.	1,000	General Fund

ADDENDUM TO SOLID WASTE COLLECTION AGREEMENT

THIS ADDENDUM made and entered into this 26th day of April, 2002, to be effective as of May 1, 2002, by and between **THE CITY OF, HAPEVILLE** (hereinafter referred to as the "City") and **BFI WASTE SERVICES, LLC**, (assignee of BFI Waste Systems of North America, Inc.) a Delaware limited liability company authorized to do business in the State of Georgia, (hereinafter referred to as "BFI").

WITNESSETH:

WHEREAS, on May 1st 1999, the City and BFI entered into a Solid Waste Collection Service Contract (the "Contract") under which BFI has been providing refuse collection and disposal plus cardboard recycling service to Commercial Units (as defined therein).

WHEREAS, BFI and the City desire to extend the Contract for an additional (1) year term with two (1) year renewal options remaining.

NOW, THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:

1. Term. The Contract shall be extended for a term commencing on May 1, 2002 and ending December 31, 2002. The Contract shall renew automatically for a (1) year term commencing January 1, 2003 and ending December 31, 2003 unless, prior to January 1, 2003, the Mayor and Council of the City vote not to renew the Contract. The Contract shall renew automatically for another (1) year renewal term commencing January 1, 2004 and ending December 31, 2004 unless, prior to January 1, 2004, the Mayor and Council of the City vote not to renew the Contract. The Contract shall renew automatically for four months commencing January 1, 2005 and end April 30, 2005 unless, prior to January 1, 2005, the Mayor and Council of the City vote not to renew the Contract.
2. Rate. Commencing May 1, 2002 and ending April 30, 2003, BFI shall maintain the current rate of \$2.51 per cubic yard for refuse collection and \$1.96 per cubic yard for cardboard recycling.

Except as specifically modified and amended hereby, the Contract shall remain in full force and effect in accordance with its terms. In the event of any conflict between the terms of this Amendment and the Contract, the terms of this Amendment shall prevail.

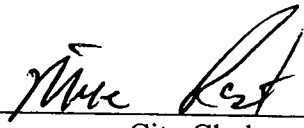
IN WITNESS WHEREOF, this Addendum has been executed on the day and year first above-mentioned. The execution by the City is made pursuant to the authority granted by the action of the Mayor and the Council of the City of Hapeville, entered at the meeting of said Mayor and Council held on the 7th day of May, 2002.

THE CITY OF HAPEVILLE

By: 

Mayor

Attested to:

By: 

City Clerk

BFI WASTE SERVICES, LLC

By: 

Name: Ernest Kaufmann

Title: District Manager



Georgia Department of Community Affairs

P.O. Box 95068
Atlanta, Georgia 30347-0068

City of Hapeville
Name of Government

2003 Solid Waste Management Survey & Full Cost Report

Reporting period for Parts I through VIII: July 1, 2002 to June 30, 2003

Instructions

This is an official report of your government's solid waste management activities and costs as required by O.C.G.A. 12-8-31.1(d) and O.C.G.A. 12-8-39.2. Please be aware that once your report is received by DCA it is subject to public review. In the past, copies of many governments' Solid Waste Surveys have been requested by the media, court officials, private citizens, state representatives and senators, and others. Given the consumers of the information, accurate reporting is critical. Please have the person(s) most familiar with Solid Waste Management in your government complete the report. Please read the questions carefully and select the appropriate answers with respect to your government's service area. If you need assistance with specific questions or sections of the report, please call Patrick Vickers at (404) 679-3151.

This is a machine-scannable form. For best accuracy, please print carefully, using capital letters, avoiding contact with the edges of the boxes. Use a black ball point pen. **DO NOT TYPE.** Use the following boxes as a model to follow. When selecting an answer, such as a 'Yes/No' answer, either completely shade the box or mark with an 'X'.

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	0			

Part I. General

1. Does your government provide for or arrange for solid waste collection services for its citizens and/or businesses, either directly, through franchise agreements, or by contract with other local governments, authorities, or private vendors? Yes ☒ (1)
No ☐
2. Are recycling services available to citizens and/or businesses in your jurisdiction? Yes ☒ (2)
No ☐
3. Does your government operate a transfer station or municipal solid waste landfill? Yes ☐ (3)
No ☒
4. Does your government have a program in place for educating local residents about solid waste management? Yes ☒ (4)
No ☐

*If you answered "No" to all four of the above questions, skip to and complete Part IX of this survey.
If you answered "Yes" to any of the above questions, continue to Part II and complete the rest of the survey.*

Part II. Residential Collection

5. Does your government provide or arrange for residential solid waste collection for citizens? Yes ☒ (5)
No ☐
6. Who performs residential solid waste collection services in your government's jurisdiction? (Check all that apply.)
none ☐ (6)
your government ☒ (7)
another government ☐ (8)
solid waste authority ☐ (9)
private vendor via individual subscription ☐ (10)
private vendor via government contract ☐ (11)
other ☐ (12)

PLEASE RETURN THIS SURVEY TO DCA BY SEPTEMBER 30, 2003

Questions? Call Patrick Vickers at (404) 679-3151



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7. If one or more private vendors collect residential waste in your jurisdiction, how does your government manage this vendor? (Check all that apply.)

n/a - do not use private vendor ☒ (13)by permit or license ☐ (14)local ordinance governing private vendor(s) ☐ (15)franchise agreement with private vendor(s) ☐ (16)government contract with private vendor(s) ☐ (17)do not manage - allow open competition ☐ (18)

8. What solid waste collection options are available to your residents? (Check all that apply.)

not applicable ☐ (19)curbside/backdoor ☒ (20)staffed or unstaffed drop-off centers ☐ (21)single containers ☐ (22)

If you answered "not applicable" on Question 8, skip to Question 15.

9. If drop-off centers or green boxes are available for residents, how many sites does your government have? (Please enter the number of each type available.)

Note: Staffed or unstaffed drop-off centers can include landfills or transfer stations if your government accepts waste from residents at these locations

staffed drop-off centers (23)unstaffed drop-off centers (24)single containers (25)

10. If your government or its contractor charges a fee for residential collection, is it a flat fee or a weight- or volume-based fee? A flat fee is constant and is the same throughout a billing period. A weight- or volume-based fee varies according to the volume or weight of the waste a customer sets out for collection. If you cannot determine which your government charges, call DCA for assistance.

if you checked either one of these answers, proceed to Question 11.

Do not charge user fee ☐ (26)Flat fee ☒ (27)

if you checked this answer, describe your fee system in the space below and then skip to Question 12.

Volume- or weight-based fee/ ☐ (28)

Pay as You Throw/tipping fee

not applicable ☐ (29)

(29a)

11. For the options(s) available to your residents, please enter the amount your residents are billed for collection services and indicate how frequently they are billed. If no fee is charged, enter an 'X' in the "do not charge fee" box. If both curbside and backdoor service are offered and different rates are charged, enter the higher rate of the two.

Collection Option	Fee	Billing Period	
Once per week curbside/backdoor	\$ (30)	annually ☐ (31)	do not charge fee ☐ (36)
		semi-annually ☐ (32)	
		quarterly ☐ (33)	
		bi-monthly ☐ (34)	
		monthly ☐ (35)	

Question continued on following page



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Collection Option

Fee

Billing Period

Twice per week curbside/backdoor

\$ 12.55 (37)

annually ☐ (38)do not charge fee ☐ (43)semi-annually ☐ (39)quarterly ☐ (40)bi-monthly ☐ (41)monthly ☒ (42)number of
residential customers

2,140 (44)

not applicable ☐ (45)unknown ☐ (46)Yes ☐ (47)No ☒ (47)Yes ☒ (48)No ☐ (48)

12. As of June 30, 2003, how many residential customers (households) did your sanitation department or vendor(s) service?

13. Does your government or its contractor offer residential solid waste collection services to residents outside of your jurisdiction?

14. Does your government or its contractor use one or more waste transfer stations in the collection and disposal of residential waste?

Part III. Commercial/Institutional Collection

15. Does your government provide or arrange for solid waste collection for businesses, institutions, and other non-residential entities in its jurisdiction?

Yes ☒ (49)No ☐ (49)

16. Who performs commercial solid waste collection services in your jurisdiction? (Check all that apply.)

your government ☒ (50)another government ☐ (51)solid waste authority ☐ (52)private vendor(s) ☐ (53)other ☐ (54)none ☐ (55)

17. If a private vendor collects commercial waste in your jurisdiction, how does your government manage this vendor? (Check all that apply.)

n/a - do not use private vendor ☐ (56)by permit or license ☐ (57)local ordinance governing private vendor(s) ☐ (58)franchise agreement with private vendor(s) ☐ (59)government contract with private vendor(s) ☒ (60)do not manage - allow open competition ☐ (61)

18. What solid waste collection options are available to businesses, institutions, and other non-residential entities in your jurisdiction? (Check all that apply.)

not applicable ☐ (62)curbside/backdoor ☒ (63)staffed or unstaffed drop-off centers ☐ (64)on-site containers ☐ (65)roll-off container(s) ☐ (66)other (specify) Dumpster ☐ (67)

Note: Staffed or unstaffed drop-off centers can include landfills or transfer stations if your government accepts waste from businesses at these locations

If you marked "not applicable" on Question 18, skip to Question 24



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6 Yard container

\$ 105.00 (100)

annually ☐ (101)do not charge fee ☐ (106)semi-annually ☐ (102)quarterly ☐ (103)bi-monthly ☐ (104)monthly ☒ (105)

8 Yard container

\$ 135.00 (107)

annually ☐ (108)do not charge fee ☐ (113)semi-annually ☐ (109)quarterly ☐ (110)bi-monthly ☐ (111)monthly ☒ (112)

Roll-off container

\$ (114)

annually ☐ (115)do not charge fee ☐ (120)semi-annually ☐ (116)quarterly ☐ (117)bi-monthly ☐ (118)monthly ☐ (119)

21. As of June 30, 2003, how many commercial customers did your sanitation department or vendor(s) service?

number of commercial customers

287 (121)

not applicable ☐ (122)unknown ☐ (123)

22. Does your government offer commercial solid waste collection services to businesses, institutions, etc. outside your jurisdiction?

Yes ☐ (124)No ☒

23. Does your government use one or more waste transfer stations in the collection and disposal of commercial waste?

Yes ☒ (125)No ☐

Part IV. Residential Waste Reduction

24. Are recycling services available to residents of your jurisdiction?

Yes ☒ (126)No ☐

If no, skip to Question 32.



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25. Who provides these services? (Check all that apply.)

your local government ☒ (127)another local government ☐ (128)

(specify name of local government) _____ (129)

solid waste management authority ☐ (130)private recyclers/waste haulers ☐ (131)other private vendors ☐ (132)not-for-profit organizations ☐ (133)

(specify name of non-profit) _____ (134)

other (specify) _____ ☐ (135)

26. How are recyclables collected? (Check all that apply.)

curbside collection ☐ (136)staffed drop-off facilities ☐ (137)unstaffed drop-off facilities ☒ (138)accepted at landfill/transfer station ☐ (139)materials processing facility ☐ (140)recovered materials processing facility ☐ (141)reuse (e.g. Goodwill, Salvation Army) ☐ (142)unknown ☐ (143)

27. How are recyclables processed? (Check all that apply.)

materials recovery facility ☐ (144)recovered materials processing facility ☒ (145)reuse (e.g. Goodwill, Salvation Army) ☐ (146)other (specify) _____ ☐ (147)unknown ☐ (148)

28. Are you recyclables processed as source separated or comingled?

source separated ☒ (149)comingled ☐both ☐unknown ☐

29. How do residents pay for recycling services?

n/a - no user fee ☒ (150)recycling tipping fee ☐ (151)included in residential collection fee ☐ (152)periodic billing separate
from residential collection billing ☐ (153)other ☐ (154)unknown ☐ (155)

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30. If your government, its contractor, or another local government provides recycling, which of the following are used to process recyclables in your jurisdiction? (Check all that apply.)

- paid employees of local government ☒ (156)
 inmate labor ☐ (157)
 disabled persons ☐ (158)
 community service workers ☐ (159)
 "work for welfare" workers ☐ (160)
 reuse (e.g. Goodwill, Salvation Army) ☐ (161)
 other (specify) _____ ☐ (162)

31. What recyclable materials are accepted? (Check all that apply.)

- | | | |
|--|--|---|
| unknown ☐ (163) | #2 plastic ☒ (173) | phone books ☒ (183) |
| tires ☒ (164) | other plastic ☐ (174) | agricultural chemical containers ☐ (184) |
| automobile batteries ☒ (165) | white goods (appliances) ☒ (175) | antifreeze ☐ (185) |
| aluminum ☒ (166) | Christmas trees ☒ (176) | oil filters ☐ (186) |
| newspaper ☒ (167) | construction/demolition materials ☐ (177) | paint ☐ (187) |
| magazines ☒ (168) | steel cans (magnetic) ☐ (178) | cleaning products ☐ (188) |
| corrugated cardboard ☒ (169) | aerosol cans ☐ (179) | pesticides ☐ (189) |
| other paper ☐ (170) | paper board ☐ (180) | electronics ☐ (190) |
| glass ☒ (171) | scrap metal ☒ (181) | other household hazardous wastes ☐ (191) |
| #1 plastic ☒ (172) | motor oil ☒ (182) | other (specify) _____ ☐ (192) |

32. Does your government have a formal program to promote home composting and "grasscycling"?

Yes ☐ (193)

No ☒ (194)

33. Who collects or accepts yard trimmings generated within your government's jurisdiction?

- service not available ☐ (194)
 your government ☒ (195)
 another government ☐ (196)
 solid waste authority ☐ (197)
 private vendor via individual subscription ☐ (198)
 private vendor via government contract ☐ (199)
 other ☐ (200)

If you checked "service not available", skip to Question 39.

34. What yard trimmings collection options are offered by your government?

- staffed drop-off facilities ☐ (201)
 unstaffed drop-off facilities ☐ (202)
 curbside collection ☒ (203)
 accepted at landfill/transfer station ☐ (204)
 other (specify) _____ ☐ (205)



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46. If your solid waste is disposed of in a government-owned landfill or incinerator, who owns the landfill or incinerator?

your government ☐ (279)
 another government ☐ (280)
 solid waste authority ☐ (281)
 other ☐ (282)

47. Does your government operate any of the following solid waste facilities? (Check all that apply.)

municipal solid waste landfill ☐ (283)
 transfer station ☐ (284)
 materials recovery facility ☐ (285)
 inert waste landfill ☐ (286)
 construction and demolition landfill ☐ (287)
 incinerator ☐ (288)

If you checked "municipal solid waste landfill," or "transfer station," proceed to Question 48. Otherwise, skip to Question 52.

48. If your government operates a municipal solid waste landfill, does it charge a tipping fee?

Yes ☐ (289)
 No ☐

If no, skip to Question 50.

49. If a tipping fee is charged:

(a) For residential waste only, how much do you charge per ton?

\$ (290)

(b) Do you accept waste from outside your jurisdiction?

Yes ☐ (291)
 No ☐

(c) If yes, how much is the surcharge (amount charged in addition to normal tipping fee) per ton? (Enter \$0 if no surcharge is assessed.)

\$ (292)

50. If your government operates a transfer station, does it charge a tipping fee?

Yes ☐ (293)
 No ☐

If no, skip to Question 52.

51. If a tipping fee is charged:

(a) For residential waste only, how much do you charge per ton?

\$ (294)

(b) Do you accept waste from outside your jurisdiction?

Yes ☐ (295)
 No ☐

(c) If yes, how much is the surcharge (amount charged in addition to normal tipping fee) per ton? (Enter \$0 if no surcharge is assessed.)

\$ (296)

52. How does your government collect large items (such as white goods, other metals, furniture, etc.) for disposal?

If you checked "do not collect/accept", skip to Question 53.

do not collect/accept ☐ (297)
 curbside/backdoor ☒ (298)
 accept at transfer station ☐ (299)
 drop-off center/landfill ☐

(a) If large items are collected, is there a special fee in addition to collection fees and tipping fees?

Yes ☒ (300)
 No ☐



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53. Do any private companies operate EPD-permitted municipal solid waste landfills within your government's jurisdiction?

Yes ☐ (301)No ☒

If no, skip to Question 54.

- (a) If yes, how much is the host fee per ton? (Enter \$0 if no host fee is assessed.)

\$ (302)

54. If applicable, how many inert landfills are operating in your jurisdiction? (Either fill in the number of inert landfills or check "unknown.")

 (303)unknown ☐ (304)

55. Does your government have an environmental ordinance(s) prohibiting any of the following? (Check all that apply)

illegal dumping ☒ (305)littering ☒ (306)burning residential waste ☒ (307)burning yard trimmings ☒ (308)

56. Does your government have an environmental code enforcement officer?

Yes ☒ (309)No ☐

Part VII. Public Education

57. Does your government have a program in place for educating local residents and/or businesses about solid waste management?

Yes ☒ (310)No ☐

If no, skip to Question 58.

- (a) If yes, does your government contribute financially to the support of this effort?

Yes ☒ (311)No ☐

- (b) Is this program a part of the Keep America Beautiful system?

Yes ☐ (312)No ☒

Continued on following page



Part VIII. Solid Waste Management Full Cost Report

Solid waste management full cost report financial management information should be reported on your local government's most recently completed fiscal year. For example, if your fiscal year begins in January, the reporting period would be 01/01/02 - 12/31/02. If your fiscal year begins in July, the reporting period would be 07/01/02 through 06/30/03.

Enter the dates of your government's most recently completed fiscal year:

07 / 01 / 02 ⁽³¹³⁾ to 06 / 30 / 03 ⁽³¹⁴⁾

If you need assistance in determining the correct reporting period, call Patrick Vickers at (404) 679-3151

59. What solid waste management services were paid for by your government? (Check all that apply.)

- solid waste & recycling administration ☒ (315)
solid waste collection ☒ (316)
solid waste disposal ☒ (317)
recyclables collection ☒ (318)
recyclables operation ☒ (319)
yard trimmings collection & management ☒ (320)
closure & post-closure care ☐ (321)
future landfill/cell development ☐ (322)
public education ☒ (323)
none ☐ (324)

60. (a) If available, how many tons of recyclables from your government's jurisdiction were collected/processed? Include only the amount collected through your government's collection efforts, if applicable.

total tons (325)

(b) If available, how many tons of yard trimmings from your jurisdiction were collected/processed?

total tons (326)

Continued on following page



62. For each type of service listed below, indicate all direct costs for the service. See the definitions for descriptions of costs associated with each of the services. Report in whole dollars and omit cents.

Expenditures	
Type of Service	Full Costs
Solid Waste and Recycling Administration	\$ 48,000 (358)
Solid Waste Collection	\$ 688,000 (359)
Solid Waste Disposal	\$ 190,000 (360)
Recyclables Collection	\$ 1,000 (361)
Recyclables Operations	\$ 200 (362)
Closure and Post-Closure Care	\$ 0 (363)
Future Landfill/Cell Development	\$ 0 (364)
Public Education	\$ 200 (365)
Yard Trimmings Collection & Management	\$ 22,000 (366)
Full Cost (Total of Column)	\$ 949,400 (367)

Definitions:

Operating Revenue - Income received for provision of solid waste service. Examples include collection fees, franchise fees, and fines and forfeitures. Note: if your government includes solid waste fees on government-owned utility bills, report this revenue in this category.

Other Dedicated Revenue - Special income reserved solely for provision of solid waste management services. Examples include special purpose local option sales tax (SPLOST) receipts, insurance tax premiums, and any grants received for solid waste purposes such as the Scrap Tire Management Program Grant. Ad Valorem tax receipts should be included here ONLY if a certain millage rate is dedicated and reserved for solid waste management.

Revenues From Other Funds - Revenue transferred from other funds for use in Solid Waste Activities. (For example: general fund, enterprise funds, etc.)

Full Costs - Direct and Indirect costs of providing solid waste services to your citizens. Direct costs are costs directly and clearly attributable to a solid waste activity. Examples include salaries, benefits, equipment, supplies, oil and gasoline, utilities, internal and external billable costs, depreciation of equipment, interest on long-term debt, and closure/post-closure care. Indirect costs are costs of providing solid waste services that support general government operations. Examples include personnel administration, accounting and auditing, executive services, purchasing, records management, and general maintenance.

Uniform Chart of Accounts Descriptions

Solid Waste & Recycling Administration: Expenditures for the general administration of solid waste and recycling activities. Include solid waste-related enforcement costs here.

Solid Waste Collection: Expenditures for collecting garbage and other refuse and delivering it to the place of disposal.

Solid Waste Disposal: Expenditures for disposing of garbage and other refuse. When several methods of disposal are used, such as sanitary landfill and incineration, appropriate accounts will be set up for each disposal facility.

Recyclables Collection: Expenditures for collecting recyclable material and delivering it to the place of recycling.

Recyclable Operations: Expenditures for the operation of recycling facilities.

Closure & Post-Closure Care: Estimated total current cost of the landfill's closure and post-closure, based on applicable federal, state, or local laws or regulations, including the cost of final cover (capping) and the cost of monitoring and maintaining the landfill during the post-closure period.

Future Landfill/Cell Development: Expenditures for development of future landfills and future disposal cells within existing landfills.

Public Education: Expenditures for educating a local government's citizens about solid waste management.

Yard Trimmings Collection & Management: Expenditures for the collection and processing of yard trimmings.



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Publication Requirements

The Georgia Comprehensive Solid Waste Management Act requires each local government to publicize the information contained in Part VIII of the survey. This information can either be published in a newspaper of general circulation or posted on the local government's Internet web site. Municipalities without web pages may negotiate with the county in which they are located to arrange for posting of the public notice on that county's web site. This information must be publicized within 30 days of returning the survey to the Department of Community Affairs. Local governments must retain a copy of the newspaper publication or printout of the Internet web page(s) as a part of its official files as proof of publication. A copy of the format required for the public notice has been included with this survey. Additional copies can be obtained by contacting the Department at (404) 679-3151 or at <http://www.dca.state.ga.us/research/forms.html>

Part IX. Certification

IMPORTANT! This form must be signed by the chief elected official. All forms without an original signature of the chief elected official will be returned.

Name of Chief Elected Official



Signature of Chief Elected Official

09/04/03

Date

(404) 669-2100

Telephone number

Extension

Person who can answer questions about this report:

Lee Sudduth

Name of Contact Person

Superintendent of Operations

Title of Contact Person

(404) 669-2110

Voice telephone number

Extension

8:00 - 5:00

AM

PM

Office hours

(404) 669-8692

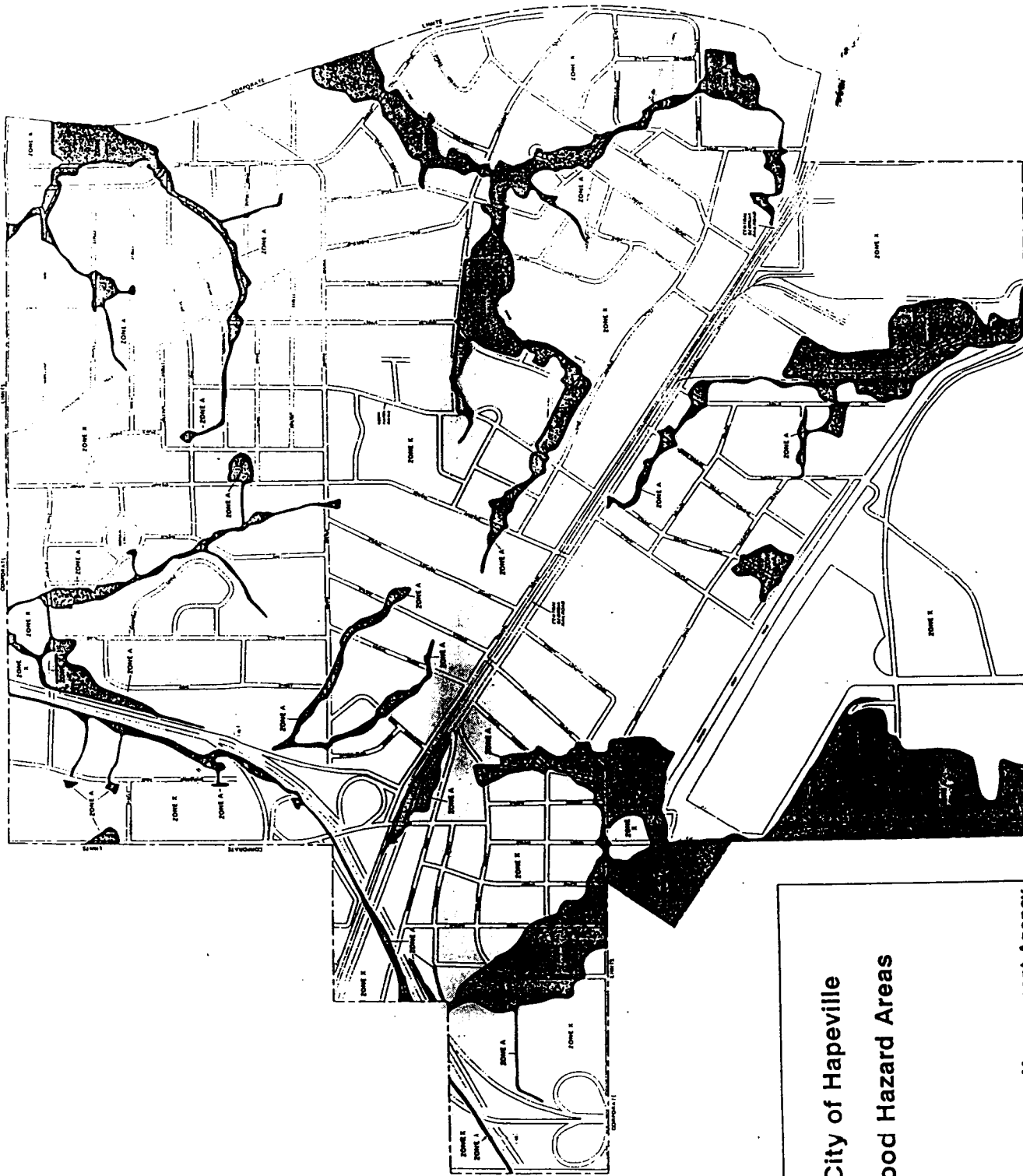
Fax Telephone number

lee.sudduth1@mindspring.com

Email address

PLEASE RETURN THIS SURVEY TO DCA BY SEPTEMBER 30, 2003





City of Hapeville

Flood Hazard Areas

Federal Emergency Management Agency
1993