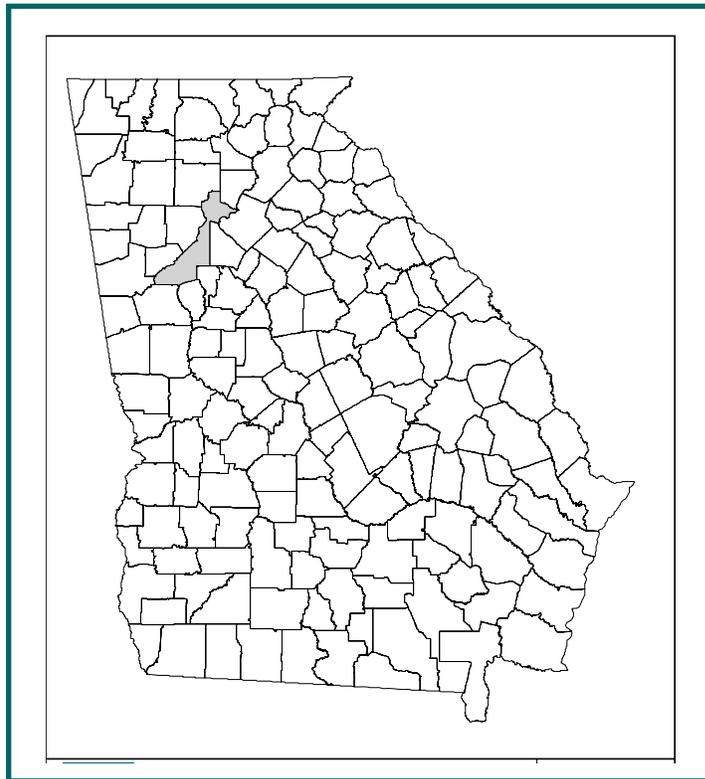


Final Report

Solid Waste Management Plan

**Fulton County
Department of Public Works**



December 2005



R. W. BECK

SOLID WASTE MANAGEMENT PLAN
Fulton County Department of Public Works

Table of Contents

Table of Contents

List of Tables

List of Figures

Section 1 INTRODUCTION

1.1	Background.....	1-1
1.2	Person Responsible for the Plan	1-1
1.3	Planning Area Defined.....	1-2
1.3.1	Topography/Unique Natural Features.....	1-4
1.3.2	Population	1-5
1.3.2.1	Seasonal Population Variation	1-5
1.3.2.2	Number of Households.....	1-7
1.3.3	Economic Activity	1-7
1.4	Public Involvement During the Planning Process	1-8

Section 2 WASTE DISPOSAL STREAM ANALYSIS

2.1	Amount of Waste Disposed	2-1
2.1.1	Unique Conditions and/or Seasonal Variations	2-1
2.1.2	Waste Generating Disasters	2-2
2.2	Disposal Rate	2-2
2.2.1	Progress Toward Per Capita Reduction of MSW	2-3
2.3	Waste Characterization	2-3
2.4	Projection of Waste to be Disposed.....	2-5

Section 3 WASTE REDUCTION ELEMENT

3.1	Inventory and Assessment of Waste Reduction Programs	3-1
3.1.1	Source Reduction Programs.....	3-1
3.1.2	Recycling Programs and Facilities.....	3-1
3.1.3	Yard Trimmings Programs and Facilities	3-7
3.1.4	Special Materials Recycling	3-8
3.1.5	Contingency Strategy.....	3-9
3.2	Needs and Goals	3-10



Table of Contents

Section 4 COLLECTION ELEMENT

4.1	Inventory and Assessment of Collection Programs	4-1
4.1.1	Registered Haulers	4-1
4.1.2	Drop-Off Locations and Transfer Stations	4-2
4.1.3	Yard Trimmings and Bulk Item Collection	4-5
4.1.4	Illegal Dumping/Littering	4-5
4.1.5	Contingency Strategy	4-6
4.2	Needs and Goals	4-6

Section 5 DISPOSAL ELEMENT

5.1	Inventory and Assessment of Facilities Located in County	5-1
5.1.1	Landfills	5-1
5.1.2	Transfer Stations	5-3
5.2	Inventory and Assessment of Disposal Facilities Used by County	5-4
5.2.1	Assurance of 10-Year Capacity	5-6
5.2.2	Contingency Strategy	5-7
5.3	Statement of Needs and Goals	5-7

Section 6 LAND LIMITATION ELEMENT

6.1	Natural Environmental Limitations	6-1
6.1.1	Floodplains	6-3
6.1.2	Wetlands	6-3
6.1.3	Water Supply Watersheds	6-3
6.1.4	Groundwater Recharge Areas	6-3
6.1.5	River Corridors	6-3
6.1.6	Protected Mountains	6-4
6.1.7	Fault Zones, Seismic Impact Zones, and Unstable Areas (Karst Areas)	6-4
6.2	Land Use and Zoning Limitations	6-4
6.2.1	Zoning Restrictions	6-4
6.2.2	National Historic Sites	6-8
6.2.3	Archaeological Sites	6-8
6.2.4	Surface Water Intake	6-8
6.2.5	Airport Safety	6-8
6.2.6	Co-Located Landfills	6-9
6.2.7	Political Subdivisions	6-9
6.2.8	Other Land Use Issues	6-9
6.3	Local Procedures for Siting Solid Waste Facilities	6-9
6.3.1	Consistency with the Solid Waste Management Plan	6-10
6.4	Needs and Goals	6-11

Section 7 EDUCATION AND PUBLIC INVOLVEMENT ELEMENT

7.1	Inventory and Assessment of Public Education and Involvement	7-1
7.2	Needs and Goals	7-5

Section 8 IMPLEMENTATION STRATEGY

8.1 Summary of Needs and Goals..... 8-1
8.2 Activities in Implementation Strategy 8-3
8.3 Review and Enforcement of County Policies 8-12
8.4 Methods of Financing 8-12
8.5 Plan Updates and Amendments 8-13

APPENDICES:

Appendix A – Public Education Materials

Appendix B – Meeting Minutes of June 28, 2005, June 30, 2005 and
September 19, 2005

Appendix C – Capacity Assurance Letter

Appendix D – Article XVI - Litter Control

Appendix E – Solid Waste Collection & Disposal Ordinance

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions, observations and recommendations contained herein attributed to R. W. Beck, Inc. (R. W. Beck) constitute the opinions of R. W. Beck. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate, and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

Copyright 2005, R. W. Beck, Inc.
All rights reserved.

Table of Contents

List of Tables

Table 1-1 Population and Projections for Unincorporated Fulton County	1-6
Table 1-2 Housing Units in Unincorporated Fulton County, 2000	1-7
Table 1-3 Full and Part-Time Jobs in Unincorporated Fulton County, 2000	1-7
Table 1-4 Employment by Sector in Fulton County (Incorporated and Unincorporated) 2000	1-8
Table 2-1 Reported Waste Disposed by Sector (2004) Unincorporated Fulton County	2-1
Table 2-2 MSW Disposal Rates in Incorporated and Unincorporated Fulton County	2-2
Table 2-3 C&D Disposal Rates in Incorporated and Unincorporated Fulton County	2-3
Table 2-4 Waste Composition Characterization of MSW Disposed in the Atlanta Regional Commission Counties	2-4
Table 2-5 Municipal Solid Waste Disposal Projections Unincorporated Fulton County	2-6
Table 3-1 Tons of Recyclable Materials Collected 2004 and 2005 Morgan Falls Recycling Center	3-2
Table 3-2 Recycling Programs in Unincorporated Fulton County	3-4
Table 3-3 Businesses in Fulton County that Accept Recyclable Materials	3-5
Table 3-4 Yard Trimmings Program in Fulton County	3-7
Table 3-5 Management of Special Materials	3-9
Table 4-1 Residential Haulers Operating in Unincorporated Fulton County	4-2
Table 4-2 Inventory of Collection Programs	4-4
Table 5-1 Permitted Landfills in Fulton County, 2004.....	5-1
Table 5-2 Permitted Transfer Stations in Fulton County, 2004.....	5-3
Table 5-3 Municipal Solid Waste Landfills Accepting Waste from Unincorporated Fulton County, 2004	5-5
Table 5-2 Construction and Demolition Landfills Accepting Waste from Unincorporated Fulton County, 2004	5-6
Table 6-1 Zoning Requirements for Solid Waste Facilities.....	6-5
Table 7-1 Existing Environmental Education Initiatives.....	7-3
Table 8-1 Summary of Fulton County Goals and Needs.....	8-1
Table 8-2 Unincorporated Fulton County Implementation Strategy	8-5

List of Figures

Figure 1-1: Fulton County..... 1-3
Figure 1-2: Unincorporated Fulton County 1-4
Figure 5-1: Solid Waste and Recycling Facilities in Fulton County 5-2
Figure 6-1: Landfill Siting Restrictions in Fulton County 6-2
Figure 6-2: Zoning in Sandy Springs and Unincorporated North Fulton 6-6
Figure 6-3: Zoning in Unincorporated South Fulton 6-7

Section 1 INTRODUCTION

1.1 Background

This Solid Waste Management Plan updates the original Fulton County Solid Waste Management Plan, adopted in 1992, and the Five-Year Short Term Work Program Update, adopted in October 1999. This Plan was written to meet Chapter 110-4-3 of the rules of the Georgia Department of Community Affairs, Minimum Planning Standards and Procedures for Solid Waste Management, as revised in 2004. It addresses the five core planning elements specified by the Minimum Planning Standards and Procedures, including:

- Waste Reduction;
- Collection;
- Disposal;
- Land Limitation; and
- Education and Public Involvement.

In addition, the Plan includes a waste disposal stream analysis and an implementation strategy.

The Fulton County Department of Public Works/Solid Waste Management took the lead in developing this Solid Waste Management Plan. The Department of Environment and Community Development (FCDECD) provided data about the existing conditions in unincorporated Fulton County. These conditions are also outlined in the *Focus Fulton 2005 Comprehensive Plan* (Comprehensive Plan). The Fulton County Department of Public Works/Solid Waste Management was assisted in their efforts by R.W. Beck, Inc. and Full Circle Communications.

1.2 Person Responsible for the Plan

The person responsible for the updated Fulton County Solid Waste Management Plan is:

Anthony Spencer
Fulton County Department of Public Works
141 Pryor Street, Suite 6001
Atlanta, Georgia 30303
(404) 730-7400
(404) 224-0978 FAX
anthony.spencer@co.fulton.ga.us

Any questions regarding the plan or requests for additional information can be directed to Mr. Spencer.

1.3 Planning Area Defined

This Solid Waste Management Plan covers the unincorporated areas of Fulton County. The ten incorporated cities in Fulton County: Atlanta, Alpharetta, College Park, East Point, Fairburn, Hapeville, Mountain Park, Palmetto, Roswell, and Union City, submit their own Solid Waste Management Plans and thus, are not included in this Plan. At the time this Plan was written, Sandy Springs was part of the unincorporated County and is thus included in this Plan. During the course of preparing the Plan, residents in Sandy Springs voted to incorporate as of January 2006. As Sandy Springs' solid waste management plans evolve, either this Plan will be updated to reflect any changes or the new City will prepare its own Plan and this one will be amended accordingly.

The unincorporated areas of Fulton County cover an area of 300 square miles split in the center by the City of Atlanta. The location of Fulton County in the State of Georgia is shown in Figure 1-1. The location of the unincorporated area of Fulton County, which this Plan covers, is shown as the non-shaded areas in Figure 1-2.

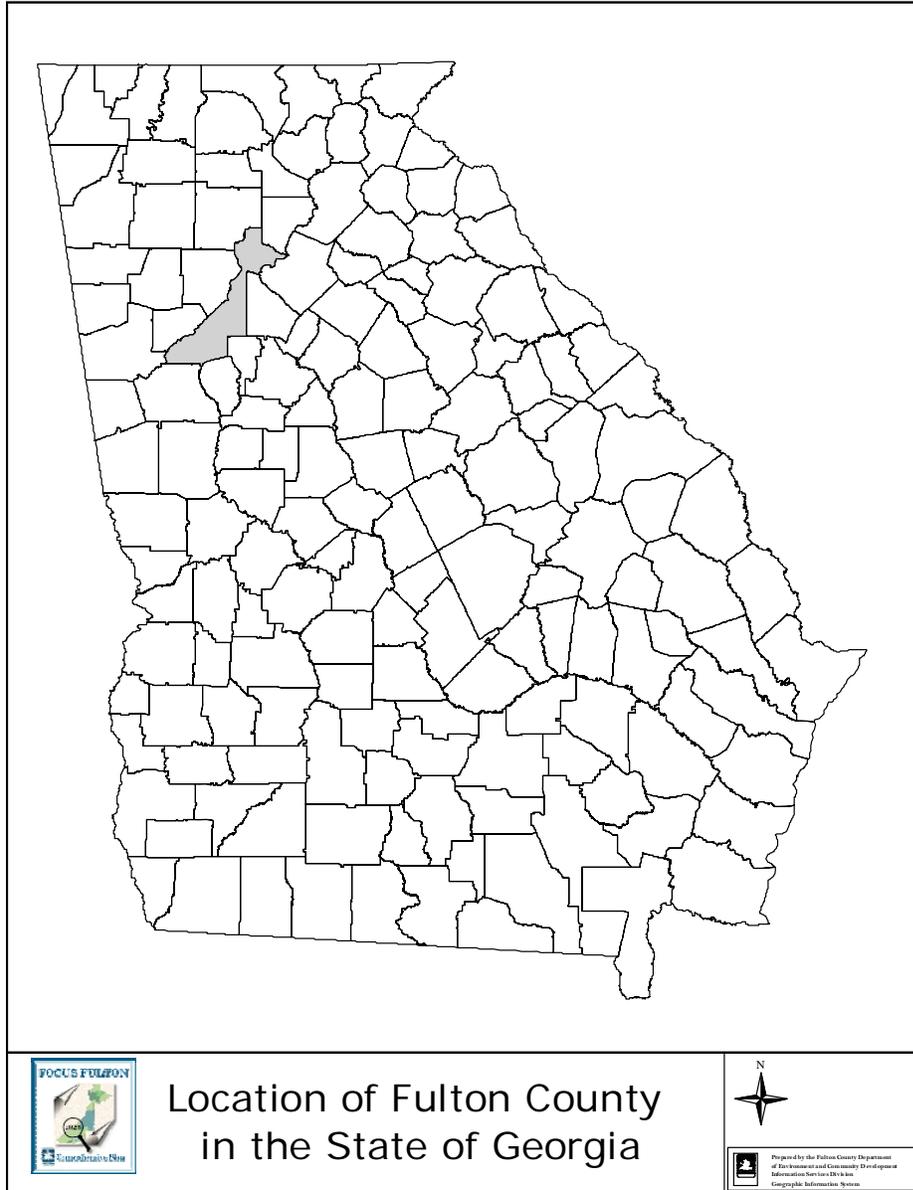


Figure 1-1: Fulton County

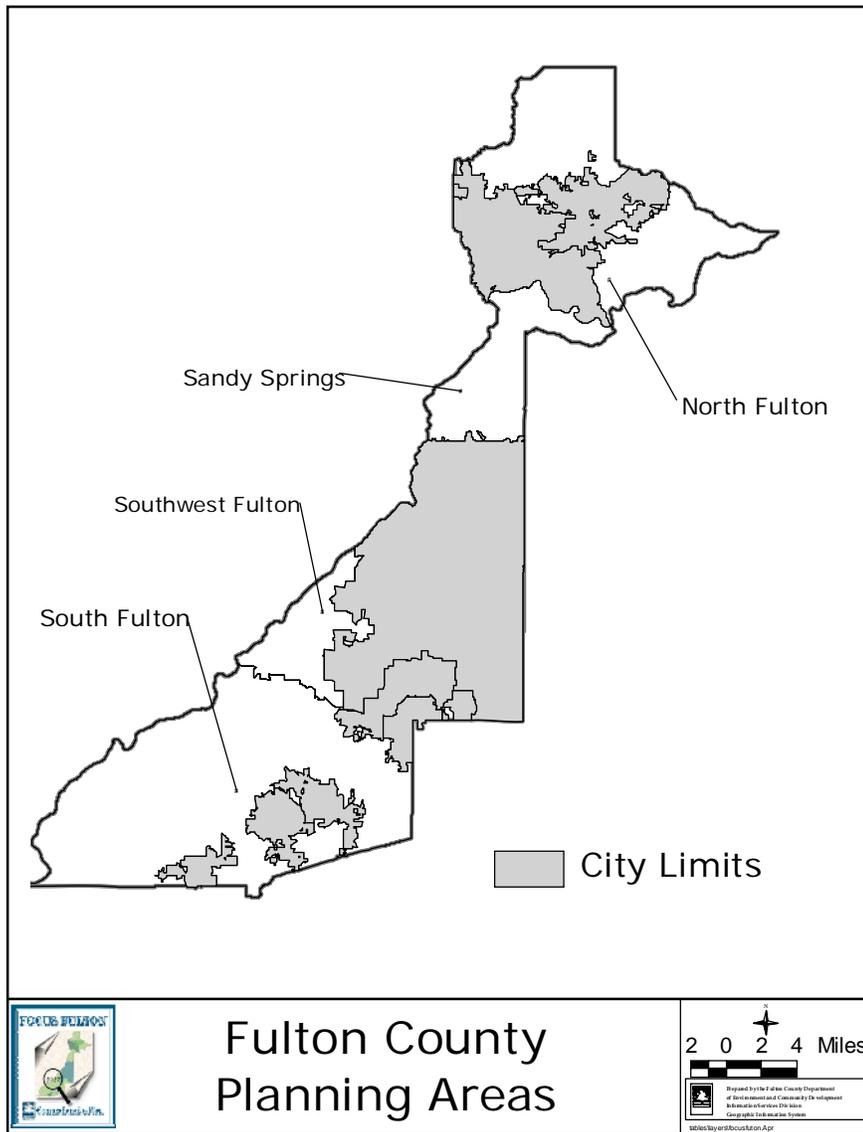


Figure 1-2: Unincorporated Fulton County

1.3.1 Topography/Unique Natural Features

The total area of unincorporated Fulton County, including Sandy Springs, is 191,701 acres. Of the total, 4,438 acres of water can be found. The Chattahoochee River and Chattahoochee River National Recreation Area are found in the area. The Chattahoochee River flows southwesterly towards Alabama, and runs along the western boarder of Fulton County.

Fulton County is comprised of one physiographic district - the Greenville Slope District. The Greenville Slope District is characterized by rolling topography that decreases gradually in elevation from 1,000 feet in the northeast to 600 feet in the southwest. All streams in this district eventually drain to the Gulf of Mexico.

1.3.2 Population

Fulton County is the most populous county in Georgia. The total population of the County, including the incorporated areas was 816,006 according to the 2000 US Census. The unincorporated portions of Fulton County had a population of 229,916 persons. Population estimates for 2005, based on the Fulton County Comprehensive Plan, show a total population of 245,180 for the unincorporated County. For purposes of this Solid Waste Management Plan, demographic data provided in the Comprehensive Plan will be used.

Table 1-1 shows the annual projected unincorporated Fulton County population for the ten-year planning period, broken down into four planning areas as defined in the County Comprehensive Plan. As shown in Table 1-1, the population of unincorporated Fulton County is expected to increase by 23 percent in the next ten years. Although this growth is expected to occur throughout the unincorporated areas, it is most dramatic in South and Southwest Fulton County where the majority of undeveloped land can be found.

1.3.2.1 Seasonal Population Variation

Seasonal population is not a significant factor in Fulton County. There were 1,737 vacant seasonal housing units counted in the US Census. These are units held for seasonal use, but there is no fixed “season” in Fulton County. There are seasonal events and major attractions in Atlanta, which draw significant crowds. The Dogwood Festival, an event which has been running each year since 1936, draws about 300,000 people. The Renaissance Festival, numerous music festivals, and sporting events also draw large crowds into Fulton County throughout the year. A new 200 million dollar Atlanta Aquarium is scheduled to open in the fall of 2005. This, along with a new World of Coca-Cola building, is anticipated to increase the number of visitors to the County by approximately 5,500 people per day. The majority of these events and attractions are located within incorporated city limits, such as in the City of Atlanta, and may have little seasonal effect on the population of the unincorporated areas.

Section 1

Table 1-1
Population and Projections for Unincorporated Fulton County

Planning Area	Year 2005	Year 2006	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012	Year 2013	Year 2014	Year 2015
Unincorporated North Fulton County	93,912	95,190	96,467	97,745	99,022	100,300	101,551	102,801	104,052	105,302	106,553
Sandy Springs	86,698	87,864	89,030	90,197	91,363	93,532	94,335	95,138	95,940	96,743	97,546
Unincorporated South Fulton County	52,439	55,279	58,119	60,959	63,799	66,639	69,433	72,228	75,022	77,817	80,611
Unincorporated Southwest Fulton County	12,851	13,311	13,771	14,232	14,692	15,152	15,595	16,038	16,482	16,925	17,368
Total Unincorporated County	245,180	251,068	256,956	262,844	268,732	274,620	280,712	286,803	292,895	298,986	302,078

Source: "Focus Fulton" 2025 Comprehensive Plan; U.S. Census <http://factfinder.census.gov/>
Total Planning Region Populations may not match totals of annual population projections based on methodologies used to project populations by Planning Area.

1.3.2.2 Number of Households

The total number of households in the unincorporated County in 2000 was 90,317. Table 1-2 shows the number of households from the 2000 U.S. Census.

**Table 1-2
Housing Units in
Unincorporated Fulton County, 2000**

Planning Area	Number of Households
North Fulton	31,898
Sandy Springs	39,346
South Fulton	14,330
Southwest Fulton	4,743
TOTAL	90,317

Source: Focus Fulton 2025 Comprehensive Plan Executive Summary.
Multi-Family Housing units include housing structures with 2-4 units, and housing structures with 5+ units.

1.3.3 Economic Activity

Approximately 20% of Fulton County's jobs are located within the unincorporated area, with 64% of those jobs being located within Sandy Springs, as shown in Table 1-3. Employment by sector was only available for Fulton County as whole, and these data are shown in Table 1-4. Over one-third of the nearly 900,000 jobs in the County were in the service industry, which experienced a 55% increase in the number of jobs in the last ten years.

**Table 1-3
Full and Part-Time Jobs in
Unincorporated Fulton County, 2000**

Planning Area	Number of Full and Part-Time Jobs in 2000
North	41,390
Sandy Springs	137,480
South	17,050
Southwest	19,893
TOTAL	215,813

Source: Focus Fulton 2025 Comprehensive Plan

**Table 1-4
Employment by Sector in Fulton County
(Incorporated and Unincorporated) 2000**

	# of jobs	Change since 1990
Manufacturing	56,244	6.58%
TCU	87,784	18.36%
Wholesale Trade	61,794	1.59%
Retail Trade	117,989	22.52%
FIRE	98,401	23.67%
Services	336,610	51.11%
Fed Civilian Gov't	22,546	8.06%
Fed Military Gov't	4,490	-12.38%
State and Local Gov't	80,373	8.07%
TOTAL	899,556	17.26%

Source: Focus Fulton 2025 Comprehensive Plan Executive Summary.

1.4 Public Involvement During the Planning Process

Fulton County exceeded the Minimum Planning Standards requirement for holding two Public Hearings and advertising public notification for the Solid Waste Management Plan. The County held two initial public hearings (one in South Fulton County and one in North Fulton County) in June 2005 to obtain public input prior to the planning process. The County then held two final public hearings (one in South Fulton County and one in North Fulton County) in September 2005 to obtain public comment on the draft Plan. In addition to these four public hearings, the County conducted the following public education activities.

- A one-page fact sheet was developed and distributed to citizens attending the Public Hearings. The fact sheet provided a succinct overview of the SWMP process.
- A one-page “Benefits” sheet was developed to clearly define the benefits of the Fulton County Solid Waste Management Plan to the citizens of unincorporated Fulton County.
- The Fulton County website was regularly updated with information on the project. The project fact sheet and the draft Solid Waste Management Plan was made available electronically through the County website.
- Two Display boards were created for use at public meetings. One board displayed the benefits of the project to Fulton County citizens, and the other outlined the project schedule.

- A postcard was mailed to homeowners associations, announcing the two initial public hearings. A meeting notice ad was also placed in local newspapers and on community group websites.

A sample of these public education materials and meeting minutes from the Public Hearings are included in Appendices A and B, respectively, at the end of this Plan.

Section 2

WASTE DISPOSAL STREAM ANALYSIS

2.1 Amount of Waste Disposed

Reports from landfills submitted to the Georgia Department of Natural Resources Environmental Protection Division (EPD) indicate that 512,751 tons of solid waste was disposed in MSW landfills and 1,069,890 tons were disposed in C&D landfills in 2004 from unincorporated Fulton County. Table 2-1 estimates the amount of this waste disposed by sector, based on a telephone survey of landfills in the state of Georgia conducted by R.W. Beck, Inc.¹ This telephone survey indicated that, of the waste delivered to MSW landfills, 66.6% is reported as MSW (generated by the commercial or residential sector), 12.3% is C&D debris, 14% is industrial, and 7.1% is sludge or biosolids. To break down the portion qualified as MSW between the residential and commercial sector, results from the first season of sampling for the Georgia Department of Community Affairs (DCA) waste composition study were used². These results indicate that approximately 46% of MSW comes from residential generators and 32% of MSW comes from commercial generators.

Table 2-1
Reported Waste Disposed by Sector (2004)
Unincorporated Fulton County

Sector	Tons To MSW Landfill	Tons To C&D Landfill	Total Tons
Residential	201,393		201,393
Commercial	140,099		140,099
Industrial	71,785		71,785
C&D	63,068	1,069,890	1,132,958
Sludge and Biosolids	36,405		36,405
TOTAL	512,751	1,069,890	1,582,641

2004 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Fulton County
Georgia Waste Characterization Study, conducted for the DCA by R.W. Beck, Inc, 2004

2.1.1 Unique Conditions and/or Seasonal Variations

The unincorporated County does not experience any significant seasonal changes in population. The majority of seasonal events and attractions that draw visitors are

¹ R.W. Beck, Inc., Non-MSW Survey Results, conducted for the DCA, June 2002.

² R.W. Beck, Inc. Waste Characterization Study, conducted for the DCA, 2005.

Section 2

located within incorporated city limits, such as in the City of Atlanta, and may have little seasonal effect on the population of the unincorporated areas. The seasons do bring a variation in yard trimmings, with leaves in October and November and grass clippings in the spring and summer months. EPD construction and demolition landfill tonnage reports from 2004 show a slight reduction in tonnage during the winter quarter, about 50 tons less, from the amount reported during the fall and summer seasons.

2.1.2 Waste Generating Disasters

Without knowing the type and degree of the unanticipated disasters, Fulton County can not project the additional amount of waste that would require management for such an incident. However, based on experience elsewhere, it is clear that a major disaster could result in many times more waste to be disposed than in an average year. The sections on collection and disposal outline the approach that the County would take to deal with waste resulting from disasters.

2.2 Disposal Rate

Fulton County believes that some of the 512,751 tons attributed to Fulton County in 2004 landfill reports to EPD may be coming from other areas, most notably the incorporated areas of the County. To verify this assumption, reported per capita disposal rates in the unincorporated County were compared to those in the incorporated areas. Table 2-2 shows that based on the reported tonnage of 512,751 tons per year, the disposal rate in the unincorporated County is 11.49 pounds per person per day. The tonnage reported from incorporated areas of the County results in a disposal rate of 4.62 pounds per person per day. When the total County tonnage is calculated, the disposal rate is 6.54 pounds per person per day, consistent with the State average. Thus, this is the disposal rate that will be used in this Plan.

Table 2-2
MSW Disposal Rates in
Incorporated and Unincorporated Fulton County

Area	Tons Per Year	Population	Pounds Per Person Per Day
Unincorporated Fulton County	512,751	244,477	11.49
Incorporated Fulton County	534,341	632,795	4.62
All of Fulton County	1,047,092	877,272	6.54

Source: 2004 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Fulton County

The tonnage from other areas may be attributed to unincorporated Fulton County because haulers servicing the County are not distinguishing between loads coming from the incorporated areas versus unincorporated Fulton. In addition, many haulers may be delivering loads that contain waste from both sources. Fulton County is

investigating options to better identify where waste collected in the unincorporated areas is being delivered and how the source of that waste is being reported at the landfills and subsequently to EPD. Any strategy the County implements depends on the cooperation of the haulers in reporting the source of their waste. This may be difficult to monitor, as the County may have little to no control over how haulers servicing the incorporated Cities within the County report the source of their waste to the landfills.

A similar reporting issue appears to be occurring at construction and demolition debris (C&D) landfills. These landfills report that 1,069,890 tons of waste was disposed from unincorporated Fulton County in 2004, resulting in 23.98 pounds per person per day. As Table 2-3 shows, a County-wide analysis results in an average county-wide total of 7.4 pounds per capita. This disposal rate is still higher than the State average of 2.4 pounds per capita per day. This is not unexpected, since there is significant growth in parts of Fulton County as well as demolition and reconstruction in more established areas. The County’s Comprehensive Plan reports that building permit activity in Fulton County has shown an average of over 10,000 new units constructed each year for the last four years.

**Table 2-3
C&D Disposal Rates in Incorporated and Unincorporated Fulton County**

Area	Tons Per Year	Population	Pounds Per Person Per Day
Unincorporated tonnage	1,069,889.62	244,477	23.98
Incorporated tonnage	128,374.07	632,795	1.11
Total County tonnage	1,198,263.69	877,272	7.48

Source: 2004 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Fulton County

2.2.1 Progress Toward Per Capita Reduction of MSW

The 1992 the Fulton County Solid Waste Management Plan estimated that 731 tons per day from unincorporated Fulton County were being disposed in MSW landfills in 1990, resulting in 9.44 pounds per capita per day. The estimated per capita disposal rate was approximately 30 percent less in 2004 than in 1990. It is likely that some of this reduction is due to diversion, including the diversion of yard trimmings away from MSW landfills.

2.3 Waste Characterization

Waste characterization from the DCA sampling study show the percentage of each type of material in the commercial and residential waste disposed of in an MSW landfill, shown in Table 2-4. This waste characterization is specific to the Atlanta Regional Commission (ARC) Regional Development Center (RDC). Regional results suggest that 66.2% percent of the residential and commercial waste disposed of in Fulton County (incorporated and unincorporated areas) is paper or organic material.

Table 2-4
Waste Composition Characterization of
MSW Disposed in the Atlanta Regional Commission Counties

Material	Average	Tons per Year
Newspaper	4.9%	25,124.82
Corrugated Cardboard	11.3%	57,940.91
Office	3.5%	17,946.30
Magazine/Glossy	2.8%	14,357.04
Paperboard	3.5%	17,946.30
Mixed (Other Recyclable)	3.4%	17,433.55
Other (Non-recyclable)	10.6%	54,351.65
Total Paper	40.0%	205,100.56
#1 PET Bottles	1.3%	6,665.77
#2 HDPE Bottles	1.1%	5,640.27
#3-#7 Bottles	0.2%	1,025.50
Expanded Polystyrene	1.4%	7,178.52
Film Plastic	7.5%	38,456.36
Other Rigid Plastic	4.3%	22,048.31
Total Plastic	15.8%	81,014.72
Clear	1.8%	9,229.53
Green	0.5%	2,563.76
Amber	1.2%	6,153.02
Other	0.3%	1,538.25
Total Glass	3.8%	19,484.55
Steel Cans	1.3%	6,665.77
Aluminum Cans	0.6%	3,076.51
Other Ferrous	3.0%	15,382.54
Other Non-Ferrous	0.6%	3,076.51
Total Metal	5.6%	28,714.08
Yard Waste	2.4%	12,306.03
Wood (non-C&D)	1.8%	9,229.53
Food Waste	12.2%	62,555.67
Textiles	3.7%	18,971.80
Diapers	2.3%	11,793.28
Fines	2.7%	13,844.29
Other Organics	1.0%	5,127.51
Total Organic	26.2%	134,340.87

WASTE DISPOSAL STREAM ANALYSIS

Material	Average	Tons per Year
Drywall	0.5%	2,563.76
Wood	2.2%	11,280.53
Inerts	0.2%	1,025.50
Carpet	1.8%	9,229.53
Other C&D	0.8%	4,102.01
Total C&D	5.5%	28,201.33
Televisions	0.0%	0.00
Computers	0.1%	512.75
Other Electronics	1.7%	8,716.77
Tires	0.3%	1,538.25
HHW	0.5%	2,563.76
Other Inorganics	0.6%	3,076.51
Total Inorganics	3.2%	16,408.05
TOTAL	100.0%	512,751.41

Georgia Waste Characterization Study, conducted for the DCA by R.W. Beck, Inc, 2005

2.4 Projection of Waste to be Disposed

As described in Section 2.2, it is estimated that 6.54 pounds per capita per day of MSW was disposed from the unincorporated County in 2004. The County has set a goal of continuing to reduce the amount of MSW disposed per capita by 10% over the next ten years. The projections in Table 2-5 are based on achieving this goal. Based on these projections, it is estimated that a total of approximately 3.4 million tons would be disposed in MSW landfills over the ten year planning period.

Table 2-5
Municipal Solid Waste Disposal Projections
Unincorporated Fulton County

Year	Population, Unincorporated County	Total Tons, Unincorporated County
2005	249,923	298,296
2006	251,068	296,666
2007	256,956	300,556
2008	262,844	304,306
2009	268,732	307,915
2010	274,620	311,384
2011	280,712	314,941
2012	286,803	318,351
2013	292,895	321,618
2014	298,986	324,738
2015	302,078	324,491

Section 3

WASTE REDUCTION ELEMENT

3.1 Inventory and Assessment of Waste Reduction Programs

3.1.1 Source Reduction Programs

Source reduction is primarily encouraged through public education programs. Fulton County funds the Keep Sandy Springs/North Fulton Beautiful (KSSNFB) program that promotes source reduction through a number of media campaigns, workshops, events, and school programs. Keep South Fulton Beautiful also has programs that promote source reduction and is funded through contributions. The FCDECD also conducts public education campaigns that focus on waste reduction. The County also promotes source reduction of household hazardous waste (HHW) by responding to citizen requests using the HHW manual produced by the Georgia Pollution Prevention Assistance Division. Solid waste education programs are described in more detail in Section 7.

3.1.2 Recycling Programs and Facilities

Fulton County's Solid Waste Collection and Disposal Ordinance requires private haulers to register with the County. Registered haulers that provide residential service must offer curbside collection of recyclables at least every other week. The ordinance does not specify the materials that must be collected for recycling. In addition, the Ordinance encourages the registered haulers to offer incentive based pricing to increase participation in recycling. Haulers are required to document quarterly that recyclables collected are being processed as recovered materials. To date, these requirements are not strictly enforced. Registered haulers do not have to offer recycling service to their commercial customers.

In addition to the required curbside service, Fulton County provides drop-off centers, composting, and recycling services for residents and businesses in both the incorporated cities and unincorporated areas of the County. The Morgan Falls "Dick Schmaltz Recycling Center", located at 470 Morgan Falls Road, opened in 1982. The facility is owned by Fulton County and operated by KSSNFB. The County budgets a total of \$231K annually to support the recycling center (\$101K to operate the center, and another \$130K to fund the KSSNFB program and staff). Morgan Falls accepts recyclables from residents of North Fulton County. The center is open to residents 24 hours a day, 7 days per week. Materials accepted for recycling include paper,

Section 3

aluminum and steel cans, glass (clear, blue, green, and brown), telephone books, plastic bottles #1 PET and #2 HDPE, corrugated cardboard (OCC), magazines, cell phones, rechargeable batteries, laser and ink jet cartridges, and mercury thermometers. In partnership with Goodwill, household items that are in good, reusable condition are also accepted at the facility. Through a partnership with SP Recycling, the Recycling Center also provides 17 remote satellite recycling bins in the greater Sandy Springs area, placed at shopping centers, apartment complexes, and businesses. The bins are primarily used to capture newspaper and magazines. SP Recycling is responsible for servicing the bins on a scheduled basis.

Operations at the Morgan Falls Recycling Center include collecting, processing, and marketing recyclable commodities. The facility operates a baler, which is used to bale plastics #1 and #2. Table 3-1 shows the volume (in tons) of recyclables collected in Fiscal Year 2004 and through April of Fiscal Year 2005. These tons only reflect the materials collected at the Center, and do not include paper collected through the SP Recycling satellite locations.

Table 3-1
Tons of Recyclable Materials Collected 2004 and 2005
Morgan Falls Recycling Center

Material	2004 (January- December)	2005 (January through April)
Plastic Bottles (#1 and #2 combined)	34.75	0
Aluminum Cans	1.59	2.64
Steel Cans	20	4
Corrugated Cardboard	199.01	76.23
Magazines	244.33	69.13
Newspaper	163.49	73.41
Mixed Paper	94.96	41.98
Phone Books	N/A	6.67
Glass		
Amber	78.34	13.4
Green	32.55	0
Clear	60.91	26.41
TOTAL TONS RECYCLED	929.93	313.87

Source: KSSNFB Fiscal Year Tonnage Reports

The Merk Miles recycling, composting, and waste drop-off facility is located at 3225 Merk Road, College Park. This facility is owned by Fulton County and operated by a private company. Recyclables accepted at this facility include scrap metal, steel and aluminum cans, plastics #1 and #2, corrugated cardboard, newspapers and telephone books. No data were available on the amount of recyclables collected at the center. In

addition to accepting recyclables, this facility serves as a comprehensive drop-off point for municipal solid waste, bulk waste, yard waste, and appliances.

On August 1, 2005, a recycling center opened next door to 6955 Roosevelt Hwy. in Fairburn which will provide free recycling of a variety of materials for Fulton County residents. Environment for Tomorrow, a Fulton County Environment & Community Development grantee, will operate the recycling center. Center hours are Monday through Friday from 7 a.m. to 4 p.m., and Saturday from 7 a.m. to noon.

Although not a facility of the Fulton County government, the City of Roswell's Recycling Center provides an additional recycling drop-off location that serves residents of unincorporated North Fulton County. The City of Roswell owns and operates the recovered materials processing facility (RMPPF), located at 11570 Maxwell Road, Alpharetta. Based on results from a recycling facility assessment conducted for the City of Roswell by R.W. Beck, Inc. in 2004, approximately 41% of residential customers using the City of Roswell Recycling Center were from the unincorporated North Fulton Planning Area. City of Roswell Recycling Center accepts and processes 42 different items. These include #1 plastic (PET), #2 plastic (HDPE), plastic bags, glass bottles and jars, newspaper, mixed paper, computer paper, magazines, phone books, white paper manuals, corrugated and non-corrugated cardboard, drink boxes/milk/juice cartons, ferrous and non-ferrous metals, aluminum and foil, car tires, batteries (12V or larger), rechargeable batteries, motor oil and anti-freeze, cell phones, printer cartridges, and packing peanuts. There is a partnership with Goodwill to have two trailers on site for reusable household items and clothing at the Recycling Center.

In addition, the County recycles paper and aluminum in its own offices as well as oil, batteries, and scrap metal from its vehicle operation facilities.

Table 3-2 summarizes the recycling programs serving residents of Fulton County.

Section 3

**Table 3-2
Recycling Programs in Unincorporated Fulton County**

Type of Program	Population Served	Owned and Operated by	Materials Accepted	Tons Diverted (2004)
Morgan Falls "Dick Schmaltz" Residential Drop-Off Center	Open to entire County	Owned by Fulton County and operated by KSSNFB	Paper, aluminum/ steel cans, glass (clear, blue, green, and brown), telephone books, plastic PET and HDPE bottles, corrugated cardboard (OCC), magazines, cell phones, rechargeable batteries, laser and ink jet cartridges, and mercury thermometers	929.93
Merk-Miles Residential Drop-Off Center	Open to entire County	Owned by Fulton County and operated by BMS Enterprises	Bulk waste, yard waste, appliances, scrap metal, plastics, corrugated cardboard, newspapers and magazines	No recycling tonnage available
South Fulton Recycling Center	Open to entire County	Operated by Environment for Tomorrow		No data available yet
Roswell Recycling Center	Open to entire County	Owned and operated by the City of Roswell	Plastics #1 and #2, plastic bags, glass bottles and jars, newspaper, mixed paper, computer paper, magazines, telephone books and white paper manuals, corrugated cardboard and paperboard, drink boxes and milk/juice cartons, hard back novels and paperback books, ferrous metals, non-ferrous metals, aluminum beverage cans, car tires, batteries, and packaging peanuts/Styrofoam.	5,400
Curbside Recycling	Households served by private haulers (number unknown)	Operated by Private Haulers	Up to individual permitted hauler	Information not reported to the County

Source: KSSNFB 2004 Annual Report; Roswell Recycling Center <http://www.ci.roswell.ga.us>; 2005 Fulton County Comprehensive Plan

Markets for most materials are plentiful in north Georgia although the economics of accessing these markets varies. Table 3-3 lists the markets available in Fulton County for recovered materials according to the Georgia Recycling Markets Directory. However, it is likely that many recyclables generated in the County ends up at markets located outside of the County.

**Table 3-3
Businesses in Fulton County that Accept Recyclable Materials**

Company Name	Materials
A & A Recycling	metals, ferrous metals, metal appliances, autos, non ferrous metals, aluminum cans, paper, newspaper, old corrugated containers, office paper, mixed paper, other paper, glass
American Fiber Co. Services	paper, newspaper, old corrugated containers, other paper, magazines, computer paper, office paper
American Office Paper Recycling	mixed paper, magazines, newspaper, office paper, Old Corrugated Containers
AmeriSouth Recycling	paper, old corrugated containers, mixed paper, office paper
Atlanta Computer Recycling and Liquidation	computer equipment
Atlanta Intercel	paper, newspaper, old corrugated containers, mixed paper, magazines, other paper, office paper
Atlanta Metal, Inc.	metals, non ferrous metals
Atlanta Pallets & Service	wood pallets
Atlanta Paper Recycling	paper, newspaper, old corrugated containers, mixed paper, magazines, phonebooks, high grade paper, office paper
Atlanta Recycling Solutions	computer equipment, televisions
Box Q	computer equipment, cell phones, batteries, televisions
Bryant Textiles	textiles
Caraustar	office paper, old corrugated containers, mixed paper, newspaper, magazines
Consolidated Resource Recovery	yard trimmings, grass clippings, leaves for Compost, vegetation
Creative Recycling Systems of Georgia, Inc.	computer equipment, any Information Technology-related equipment
Davis Recycling	metals, non ferrous metals, aluminum cans, rubber, crumb rubber, lead batteries
Dreamsan, Inc.	newspaper, PET, HDPE, aluminum cans, old corrugated containers, magazines, glass
Eco-Freeze	anti-freeze
F.P. International, Inc.	polystyrene foam
Fibres International	container glass
Georgia Mattress	Mattresses
Georgia Recycling and Waste	carpet and carpet padding

Section 3

Company Name	Materials
Control	
Georgia-Pacific Corp.	paper, newspaper, old corrugated containers, mixed paper, magazines, other paper, office paper
H. Vanderkley & Asscs., Ltd.	paper, old corrugated containers, other paper, phonebooks, office paper
Hedge Hog, Inc.	yard trimmings, wood, wood pallets, clearing debris for Compost
Metro Alloys, Inc.	metals, ferrous metals, aluminum cans
MicroSeconds	computer equipment
Newco Metals, Inc.	other, aluminum cans
Newell Recycling	metals, non ferrous metals, aluminum cans
Newell Recycling of Atlanta, Inc.	metals, ferrous metals, metal appliances, autos, non ferrous metals, aluminum cans, old corrugated containers
Owens-Brockway, Inc.	glass
Paper Stock Dealers, Inc.	paper, newspaper, old corrugated containers, mixed paper, magazines, other paper, office paper
Perkins Auto Recycling	metals, autos
Phillips Industrial Services	plastic drums, metal drums
Pirkle, Inc.	metals, ferrous metals, metal appliances, non ferrous metals, aluminum cans
Recall	paper, other paper, office paper
Recovery Technology of Georgia	scrap tires
Regional Recycling	metals, ferrous metals, steel cans, metal appliances, autos, non ferrous metals, aluminum cans
Resource Services	ferrous metals, non ferrous metals, paper, newspaper, old corrugated containers, mixed paper, office paper, magazines, other paper, PET plastics, HDPE, LDPE, PP, PS, PVC
Ribbon Reload Recycling (3R)	toner cartridge, printer ribbon, ink jets, copier and fax toner
Sonoco Products Co	paper, newspaper, old corrugated containers, mixed paper, magazines, other paper, office paper
Star Iron & Metal Co.	metals, ferrous metals, metal appliances, non ferrous metals, aluminum cans
Strategic Materials, Inc.	Glass, All Glass Containers, Float & Window Scrap, IG units, Automotive Glass Scrap
Tech Corps Georgia	computer equipment
The Bobby Dodd Institute	computer equipment
U.S. Liquid	solvit, solvit QD, optisol, inline optisol, nutreclean
United Plastic Recycling, Inc.	PET Preforms, PVC Rigid, HDPE Crate Grade, TPO-Painted, PET-Post Consumer, BOPP, LDPE / LLDPE Film, PP, HDPE-FM, PS
VISY Recycling-Pratt Industries - Atlanta	paper, old corrugated containers

Source: 2005 Georgia Recycling Markets Directory

3.1.3 Yard Trimmings Programs and Facilities

Fulton County currently contracts with Latham Home Sanitation, Inc. to collect yard trimmings once per week from approximately 19,000 homes in the in the unincorporated South Fulton area. The term of the contract began on December 31, 2003 and is renewable for 3 one-year options. Latham Home Sanitation reports that it collects approximately 220 tons of yard trimmings per month from residential customers in South Fulton County. Latham Home Sanitation has a contract with a private company to compost all of the yard trimmings collected from South Fulton County. According to Latham Home Sanitation, none of the yard trimmings it collects in this program is disposed in inert landfills. Therefore, based on tonnage reported by Latham Home Sanitation, the County diverts 2,640 tons of yard trimmings annually from the MSW waste stream through its contractor in South Fulton.

Permitted haulers in the rest of the County are also required to collect yard trimmings separately from solid waste and recycle them by chipping, mulching, composting, or other beneficial reuse. They are required to document quarterly that yard trimmings and recyclables collected are being processed as recovered materials. However, this requirement is not strongly enforced.

Unincorporated Fulton County residents can also self-haul their yard trimmings to the Merk Miles facility. There is no limit to the amount of yard trimmings residents can deliver to the facility, and residents are charged a flat fee of \$2.00 per load delivered. Tonnage reports from 2004 show that 16,325 tons of yard trimmings were delivered to Merk Miles for composting. The yard trimmings were composted on site. In 2004, 3,876 tons of compost was sold or distributed to residents, nurseries and landscaping companies, or used by the County and the City of Atlanta in municipal landscaping applications.

These programs are summarized in Table 3-4.

Table 3-4
Yard Trimmings Program in Fulton County

Program	Owner/ Operator	Jurisdictions Served	Sector Served	Tons per year	Final Disposition
Curbside collection	Latham Home Sanitation, Inc	Unincorporated South Fulton County	Residential	2,640	Composted
Curbside collection	Permitted haulers	All areas not served by Latham Home Sanitation, Inc.	Residential	N/A	Unknown
Merk Miles Drop-Off	Fulton County/BMS Enterprises, Inc.	All County	Residential/Commercial	16,325	Composted

3.1.4 Special Materials Recycling

KSSNFB offers electronic (computer) scrap recycling as part of an annual bulky trash collection event. In 2004, KSSNFB collected 55,000 pounds of electronics that were collected, transported, and recycled through a local electronics recycler. Other non-traditional recyclables, such as rechargeable batteries and cellular phones are collected at the Morgan Falls facility on a regular basis.

The Roswell Recycling Center serves as a residential recycling drop-off point for rechargeable batteries. Residents may also deliver appliances and tires to the center for a small fee.

The County also provides once per week curbside residential collection of bulk waste to approximately 19,000 households in South Fulton County, through a contract with Latham Home Sanitation. Latham Home Sanitation reported that in 2004, an average of 50 tons per month of white goods were collected from residential customers in South Fulton County. These white goods were sold directly to a scrap metal dealer. Based on this tonnage data, 600 tons of white goods were diverted from the unincorporated Fulton County municipal waste stream.

Table 3-5 provides an inventory of special materials collection programs that service the unincorporated planning areas.

Table 3-5
Management of Special Materials

Material	Targeted Sector(s)	Management Strategy	Final Disposition of Material(s)
Bulk Waste	Residential	Once per week curbside collection	Handled through County contract with Latham Home Sanitation, Inc.
Electronics	Residential	Annual Collection Events	Packaged, transported, and dismantled by private recycler and parts/metals sold.
Laser Ink Jet Cartridges	Residential	Resident delivers to recycling facility.	Recycled
HHW (Mercury Thermometers)	Residential	Resident delivers to recycling facility.	Recycled
Rechargeable/Lead Acid Batteries	Residential	Drop-off	Rechargeable Battery Recycling Corporation (RBRC) program
Automobile Batteries	Residential	Resident delivers to recycling facility.	Recycled
White Goods	Residential	Resident delivers to recycling facility. Pays small fee.	Freon removed. Recycled
Tires	Residential	Resident delivers to recycling facility. Pays small fee.	Collected by private contractor and transported to tire recycler.
Motor Oil	Residential	Drop-off	Recycled
Anti-freeze	Residential	Drop-off	Recycled

Source: KSSNFB; City of Roswell Recycling Center

3.1.5 Contingency Strategy

In the event of a natural disaster or emergency situation that interrupted the County’s regular operations for providing waste reduction and recycling services, the County has several options. Because of the County’s geographical location, there are many public and private recycling facilities within a 50 mile radius. The County can negotiate with these facilities to accept recyclables from unincorporated County residents. Negotiations can include the County sharing the processing cost of any recyclables delivered by County residents with the existing facility, or the existing facility can charge County residents for the material they deliver to the facility. Negotiating an arrangement such as the one described would provide uninterrupted recycling services to the residents of unincorporated Fulton County, while the County would be responsible for making the financial arrangements so that the contingent facility would not incur additional costs.

The County may also chose to contact individual markets for each commodity. Table 3-3 represents approximately 50 different recycling vendors that are located in Fulton County. The County can negotiate with these private companies to provide a collection and marketing option for recyclable materials on an “as needed” basis.

3.2 Needs and Goals

Goal: To reduce the per capita amount of waste disposed by 10% over the next ten years.

According to the available data, the County has reduced disposal rates (in pounds per capita per year) by about 30 percent since 1990. The County’s goal is to continue reducing disposal rates over the next ten years by a total of 10 percent, from 6.74 pounds per person per day to 5.89 pounds per person per day. To do this, the County has the following needs:

1. To develop a better way to determine how much waste is actually being disposed of from unincorporated Fulton County versus the County as a whole.
2. To enforce the current requirements of the Collection and Disposal Ordinance for permitted haulers to collect and recover recyclables and yard trimmings and to document quarterly that this is being done.
3. To evaluate whether the Collection and Disposal Ordinance should contain additional provisions to encourage recycling by private haulers.
4. To ensure that the Morgan Falls “Dick Schmaltz” Residential Drop-Off and Recycling Center remains open and available to all residents of the County.
5. To evaluate options for collection of recyclables in the newly incorporated City of Sandy Springs and implement changes, if any.
6. To determine the availability of recycling services to businesses in unincorporated Fulton County and complement as needed.
7. To promote the availability of recycling programs offered at the drop-off centers and by private haulers.

Future waste reduction efforts will continue to focus on yard trimmings and paper since, according to DCA’s waste composition study, they comprise two-thirds of the waste disposed in MSW landfill in this region of the State. At the same time, Fulton County will encourage efforts to reduce and recycle construction and demolition debris since disposal rates for these materials are higher than for MSW.

4.1 Inventory and Assessment of Collection Programs

Collection services are available to all residents and businesses in the unincorporated County, primarily through private haulers permitted by the County. Drop-off centers and private transfer stations also operate in the County.

4.1.1 Registered Haulers

The Fulton County Collection and Disposal Ordinance of 1996, included as Appendix E, requires all haulers to register with the Fulton County Department of Public Works to collect solid waste in the unincorporated County. To register, haulers must:

- Provide the County with a Solid Waste Handling permit from the Environmental Protection Division (EPD) of the Georgia Department of Natural Resources (GA DNR).
- Provide a copy of a Fulton County Health Department permit¹.
- Provide proof of insurance.
- Post a performance bond.
- Certify indemnification.

This process is followed closely with haulers collecting from residents but less so with those collecting from commercial businesses.

Registered haulers collecting from residents are required to collect solid waste weekly and yard trimmings and recyclables at least once every other week. They must collect bulky items that are set out for collection by their customers. They are also required to provide the County the following information on a quarterly basis:

- Tonnage figures showing total solid waste tonnage collected for household garbage and trash, and
- Documentation showing yard trimmings and recyclables collected are being processed as recovered materials.

¹ The Fulton County Health Department issues its own permits. Haulers must obtain a permit from the Health Department prior to being eligible to receive a permit from the Public Works Department.

Section 4

Residents and businesses in the unincorporated County may choose any of the permitted haulers operating in their area. Table 4-1 shows the haulers currently permitted to operate in Fulton County.

Table 4-1
Residential Haulers Operating in Unincorporated Fulton County

Hauler Name	Hauler Address	Jurisdiction Served
Cardinal Sanitation	P.O. Box 390562 Snellville, GA 30078	Unincorporated South Fulton
Dream Sanitation	5526-A Bldg. 1 Old National Hwy. College Park, GA 30349	Unincorporated South Fulton including Ben Hill
Latham Home Sanitation, Inc.	5225 Welcome All Road College Park, GA 30349	Unincorporated South Fulton including Ben Hill
T&R Sanitation	946 Main Street, Suite E3A Jonesboro, GA 30236	Unincorporated South Fulton
Atlanta Waste Industries	2365 Pleasantdale Road Atlanta, GA 30340	Alpharetta and Unincorporated North Fulton County
Brentland Sanitation	P.O. Box 1655 Woodstock, GA 30188	Dunwoody and Unincorporated North Fulton County
Browning-Ferris Industries of Georgia	3045 Bankhead Hwy. Atlanta, GA 30318	Alpharetta, Duluth, Dunwoody, Roswell and Unincorporated North Fulton County
Cox Sanitation	PMB 141 10029 Hwy. 92, Suite 100-141 Woodstock, GA 30188	Alpharetta, Dunwoody, Sandy Springs outside I-285 and Unincorporated North Fulton County
Robertson Sanitation	P.O. Box 669513 Marietta, GA 30006	Alpharetta
Waste Management	1243 Beaver Ruin Road Norcross, GA 30093	North of the City of Atlanta to the Chattahoochee River

4.1.2 Drop-Off Locations and Transfer Stations

County residents also have the option of delivering solid waste to Merk Miles drop-off center in south Fulton County. Residents can deliver household garbage, recyclables, appliances, scrap metal, and yard waste to the transfer station. Residents delivering household garbage are charged \$3.00 for up to four 55-gallon trash bags, or two cubic yards of household garbage. The Merk Miles facility is open Monday, Tuesday, Thursday, Friday, and Saturday from 9:00 a.m. until 5:00 p.m. In 2004, 2,451 tons of residential solid waste was delivered to the Merk Miles facility.

Three privately owned transfer stations accept waste from residents and businesses in unincorporated Fulton County. The Mauldin Drive Transfer Station, owned and

operated by United Waste, is located at 175 Mauldin Road, is open Monday through Friday from 7:00 a.m. until 5:00 p.m. Residents can deliver household garbage, appliances, and construction debris to the transfer station for a fee based on the tipping fee of \$34.50 per ton. The Welcome All Transfer Station, owned and operated by Advanced Disposal, is located at 5225 Welcome All Road in College Park. The facility accepts residential household garbage. Unincorporated Fulton County residents are charged based on a \$32.00 per ton tipping fee to deliver household garbage to the facility. The Waste Management transfer station, owned and operated by Waste Management, is located on Fulton Industrial Boulevard. Tables 4-2 shows the collection programs and transfer facilities (open to the public) operating in the County.

Section 4

**Table 4-2
Inventory of Collection Programs**

Type	Collector/Operator	Program Description	Jurisdictions Served	Sectors Served	Number of Households/Businesses Served	Contractual Arrangements
Curbside Collection	Permitted Private Haulers	Once per week collection of garbage and recyclables	County-wide	Residential	19,308*	Residents contract directly with haulers
Curbside Collection	Contracted Private Hauler	Once per week collection of yard trimmings and bulky waste	Unincorporated South Fulton including Ben Hill	Residential	17,000*	County contracts directly with hauler to provide services
Commercial Collection	Private hauler open competition	Unknown	County-wide	Commercial	Unknown	Entities arrange for collection with hauler of choice
Merk-Miles Drop-Off Center	Fulton County owned/private operated	Drop-off Monday, Tuesday, Thursday, Friday and Saturday 9:00 a.m. – 5:00 p.m.	South Fulton	Residential/ Commercial	N/A	Fee charged on delivery
Mauldin Road Transfer Station	United Waste	Drop-off Monday-Friday 7:00 a.m. – 5:00 p.m.	North Fulton	Residential and Commercial	N/A	Fee charged upon delivery
Welcome All Transfer Station	Advanced Disposal					Fee charged upon delivery
Fulton Industrial Transfer Station	Waste Management, Inc.				N/A	Fee charged upon delivery

Source: Fulton County 2003 Solid Waste Management Survey & Full Cost Report
2003 Fulton County/Latham Home Sanitation, Inc. contract

*Number of households served provided by the Fulton County 2003 Solid Waste Management Survey & Full Cost Report

4.1.3 Yard Trimmings and Bulk Item Collection

All yard trimmings in Fulton County are collected separately from MSW as required in the County's Solid Waste Collection and Disposal Ordinance. Permitted private haulers are required to collect yard trimmings from their customers at least once every other week. In south Fulton, the County has a contract for collection of yard trimmings from 17,000 homes. In addition, residents can self-haul their yard trimmings to the Merk Miles facility.

Bulky items are also collected by private haulers and the County's contractor (in the south). In addition, residents can drop-off bulky items at the Merk Miles facility. Residents are charged \$3.00 per bulk item (such as furniture and major home appliances) delivered to the facility. The KSSNFB offers an annual bulky trash collection event to County residents. There is no charge to residents who deliver their materials to this collection event.

4.1.4 Illegal Dumping/Littering

The County does not perceive illegal dumping to be a significant problem, perhaps because most residents have curbside collection of solid waste, yard trimmings, and bulky materials. The County has a litter control ordinance (included as Appendix D) that prohibits illegal dumping and littering. Violations are referred to the Fulton County Environmental Court, which meets once per month in the North unincorporated area and once per month in the South unincorporated area. The Magistrate Court oversees the Environmental Court, and handles all environmental violations such as permit violations (including those of registered haulers) and erosion control in addition to littering and illegal dumping. The Court institutes several levels of action to correct a violation. The first level of action involves a notice of violation. The violator is given a time frame to correct the infraction. If the timeframe is not met, Code Enforcement issues a citation with a court date. If the violator does not attend the court date, the Sheriff's Office issues a subpoena. If the violator does not respond to the subpoena, a bench warrant is issued and the violator is subject to a jail term. The Environmental Court offers a deterrent for illegal dumping in the County.

The County has a litter "hotline" (404) 730-TELL, where residents can anonymously call to report illegal dumping on private residential property. Any calls received through TELL are given to the County Code Enforcement Inspectors for further investigation. If residents witness illegal dumping occurring on the roads or other County right-of-ways, they are instructed to call the Public Works Department directly. An estimated 210 illegal dumping complaints (from the TELL line and calls direct to Code Enforcement) were received in 2004. For the first six months of 2005 (January through June 2005), Code Enforcement estimates it has received 100 calls reporting illegal dumping.

In addition to enforcement, public education efforts operated by the FCDECD, KSSNFB, and Keep South Fulton Beautiful discourage littering and illegal dumping. KSSNFB sponsors an annual bulky trash drop-off day.

4.1.5 Contingency Strategy

Because there are several private haulers operating in each area of the unincorporated County, the County can offer several options to residents and businesses as a contingency strategy should one hauler no longer provide service. Once a hauler notifies the County they will no longer be operating under the permit, the County can notify residents about the permitted haulers from which they can choose. However, the County may consider writing into the permit regulations that all haulers must give their customers 30 days written notice that services will be terminated to give the residents ample opportunity to select a new hauler.

In the event of a natural disaster, or an emergency situation that would alter the current collection and disposal system for the unincorporated area, the County has several options in place for residential solid waste and yard debris collection and disposal. For residential solid waste, the County would continue to utilize private haulers and vendors to collect residential waste. It would be the responsibility of the hauler to find a disposal facility. If the current resources (permitted haulers) were not able to offer their normal services, the County would by-pass the formal Request for Proposal and bidding process, and would hire or contract for private hauling services as needed. In an extreme case, the County could use existing County vehicles and set up a temporary service route to collect debris from residents in the unincorporated areas. To facilitate this process, the County may consider putting contracts in place to ensure that these contractors are available to assist in collecting debris should a disaster occur.

In addition to any locations provided by contractors, the County would utilize the Merk Miles facility as a staging area for excessive debris that would likely result from a disaster. Assessment of Existing Collection Programs

4.2 Needs and Goals

Goal: To provide universal access to collection services for solid waste and recyclables to all citizens in unincorporated Fulton County.

With the number of competitive private haulers who provide residential and commercial garbage and recycling services to unincorporated Fulton County, and with access to drop-off centers and transfer stations in the County, there are ample services for collection in the County. However, the County does have a goal of ensuring that these services are consistent and efficient and the County needs access to sufficient information to ensure that this is the case. To accomplish these goals, the County has the following needs:

1. Enforce terms of the existing Solid Waste Collection and Disposal Ordinance, specifically those that require haulers to offer curbside collection of recyclables to residential customers and to report to the County quarterly.
2. Ensure that the permit process for private haulers is consistent between the Health Department and Public Works and determine whether there is a way to streamline this process.

3. Evaluate whether current Collection and Disposal ordinance achieves County's goals for collection and waste reduction and consider alternative collection approaches, if necessary.
4. Determine where County will offer collection for yard trimmings and bulky items and contract for services.
5. Determine whether County policy needs to be amended to ensure transfer stations operate in a manner consistent with Fulton County objectives.
6. Consider contracting with collectors and disposal facilities to provide services in case of disaster.
7. Evaluate and implement options to provide adequate and consistent collection service to residents and businesses in the newly created City of Sandy Springs.

5.1 Inventory and Assessment of Facilities Located in County

5.1.1 Landfills

Four private landfills operate in Fulton County, according to the EPD's database. One is an MSW landfill and three are C&D landfills, identified in Table 5-1. The location of these landfills, along with closed landfills, transfer stations and recycling centers, are shown in Figure 5-1. EPD's database also lists 86 inert landfills permitted by rule in Fulton County. These inert landfills are primarily on construction sites and used exclusively by the permittee on a temporary basis.

Table 5-1
Permitted Landfills in Fulton County, 2004

Facility Name	Permit Number	Waste Accepted
Chambers - Bolton Rd (SL)	060-083D (SL)	MSW
Chadwick Road Landfill	060-072D(L)	C&D
Safeguard Landfill	060-088D (C&D)	C&D
Willow Oak Landfill	060-0890D (C&D)	C&D

Section 5

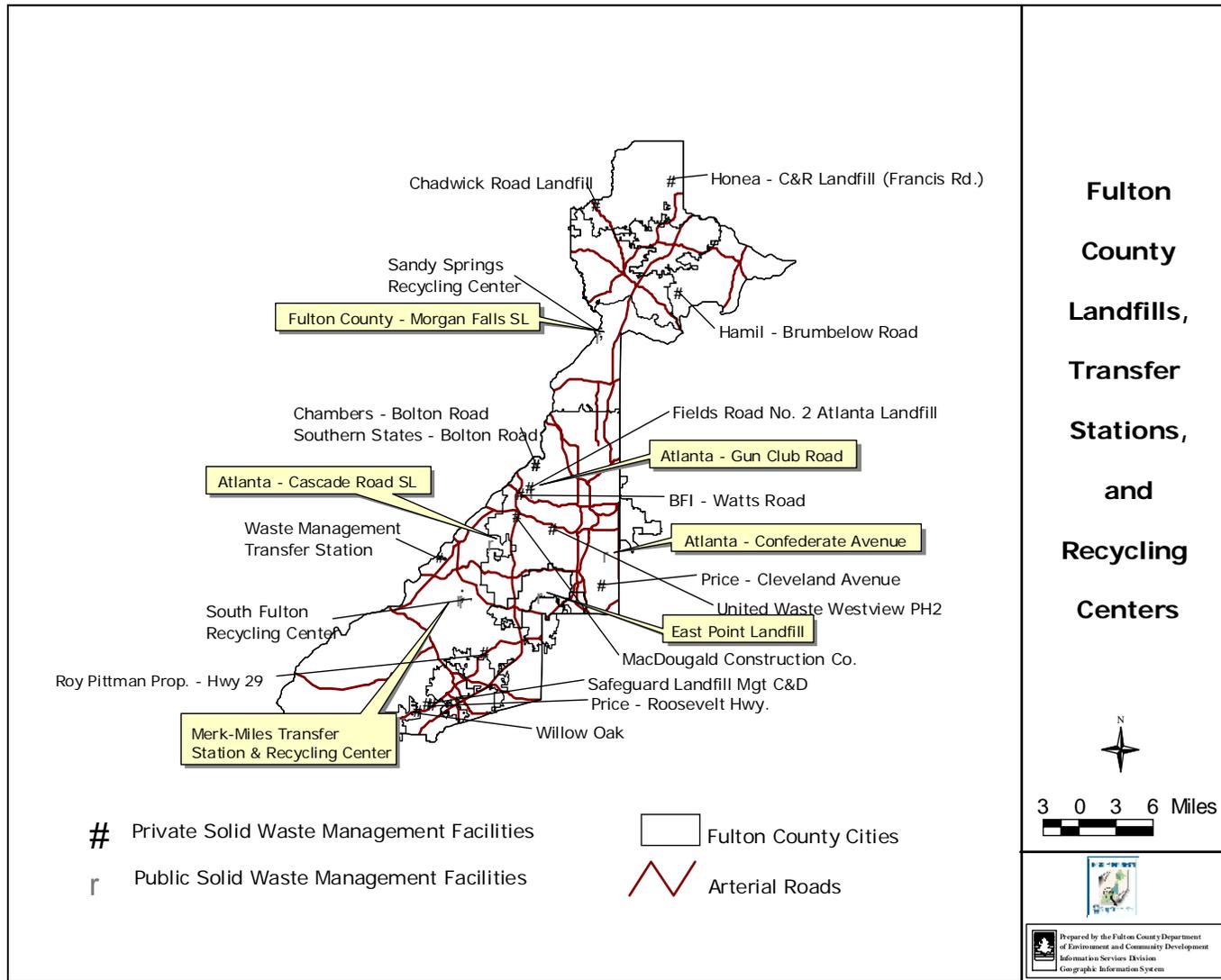


Figure 5-1: Solid Waste and Recycling Facilities in Fulton County

The County does not operate any disposal facilities. However, it does manage two closed County landfill sites. The Fulton County Morgan Falls landfill, owned and operated by Fulton County, was closed in 1988. The landfill closure was approved by the EPD in 1998. Morgan Falls also functioned as a transfer station, which is no longer operating. The landfill site comprises approximately 128.54 acres, which includes the 68.51-acre closed landfill area. A golf course operates on the site as does the Morgan Falls “Dick Schmalz” Recycling Center.

The Merk Miles Landfill, owned and operated by Fulton County, ceased accepting waste on April 8, 1994. A closure certificate was issued on January 12, 1998. Post closure care activities include groundwater and methane monitoring, and general maintenance of the landfill (mowing grass, ensuring positive drainage is maintained, maintaining environmental monitoring points, maintaining operational records, etc.). The drop-off center still operates at the closed landfill site.

5.1.2 Transfer Stations

EPD’s database indicates that 15 transfer stations are permitted to operate in Fulton County, including both the incorporated and unincorporated areas. The transfer stations included in EPD’s database are indicated in Table 5-2.

Table 5-2
Permitted Transfer Stations in Fulton County, 2004

Facility Name	Permit Number	Location
City-Wide Recycling	PBR-060-011TS	Atlanta
Latham Home Sanitation, Inc.	PBR-060-012TS	College Park
United Waste Service/City of Roswell Transfer Station	PBR-060-118TS	Roswell
Environmental Remedies, LLC D/B/A Mindis Treatment Ser	PBR-060-120TS	Atlanta
Equis Atlanta T&P	PBR-060-202TS	Roswell
Apps of GA	PBR-060-204TS	Roswell
Gateway Transfer Station	PBR-060-207TS	Atlanta
Atlanta Transfer Station	PBR-060-208TS	Atlanta
Industrial Environmental Technologies Corporation	PBR-060-210TS	Alpharetta
Phillips Services Corp/Allwaste Recovery System	PBR-060-212TS	Fairburn
Welcome All Transfer Station	PBR-060-216TS	College Park
EQ Industrial Services	PBR-060-221TS	Atlanta

Section 5

Facility Name	Permit Number	Location
Tall Pines Solid Waste Transfer Station	PBR-060-222TS	Fairburn
Soful, LLC Transfer Station	PBR-060-223TS	Fairburn
Alpharetta Transfer Station	PBR-060-238TS	Alpharetta
Quantum Environmental Solutions, LLC	PBR-060-204COL, TS	Atlanta

2004 Reports, Georgia EPD, <http://www.state.ga.us/dnr/environ/>

Currently, transfer stations operating in Fulton County must obtain a use permit from the County Commission. The FCDECD is responsible for enforcing the conditions of the use permit.

5.2 Inventory and Assessment of Disposal Facilities Used by County

All MSW from unincorporated Fulton County is disposed of in municipal solid waste landfills, all but one of which are privately owned and operated. Based on disposal reports provided to EPD from solid waste disposal facilities, private haulers delivered waste collected in unincorporated Fulton County to eleven different municipal solid waste landfills located in eleven different counties in 2004 (Table 5-3). Ninety-two percent of the County's waste went to three landfills: Hickory Ridge in DeKalb County; Eagle Point in Forsyth County; and Pine Bluff in Cherokee County. Since Hickory Ridge and Bolton Road, two of the closest landfills to much of Fulton County, are scheduled to close in the near future, more of Fulton County's waste may be transferred in the future. Six of the landfills currently used by the County are projected to have capacity throughout the ten year planning period.

Table 5-3
Municipal Solid Waste Landfills Accepting Waste from
Unincorporated Fulton County, 2004

County	Facility Name	Permit Number	Tons Delivered	Year Expected to Reach Capacity
Banks	Chambers R & B Landfill Site #2	006-009D (MSWL)	76	2040
Barrow	Republic Waste - Oak Grove MSWLF SR324	007-020D (SL)	13,258	2009
Butts	Butts Co-Pine Ridge Recycling (MSWL)	018-008D (MSWL)	72	2045
Cherokee	Cherokee Co-Pine Bluff Landfill, Inc.	028-039D (SL)	62,585	2060
DeKalb	BFI-Hickory Ridge (MSWL)	044-048D (SL)	274,461	2005
Forsyth	Eagle Point Landfill	058-012D (MSWL)	133,164	2038
Fulton	Chambers - Bolton Rd (SL)	060-083D (SL)	25,299	2005
Gwinnett	BFI - Richland Creek Rd (SL)	067-032D (SL)	3,342	2023
Lowndes	Pecan Row Municipal Solid Waste Landfill	092-019D (MSWL)	106	2011
Polk	Polk Co - Grady Rd (SL)	115-008D(SL)	175	2006
	Allied Services, LLC -SR 90/SR			2027
Taylor	137 Charing (SL)	133-003D(SL)	208	

2004 Landfill Reports, Georgia EPD.

Private haulers deliver waste collected in unincorporated Fulton County to eleven different construction and demolition debris landfills located in six different counties, as shown in Table 5-4. Three of these landfills are located in Fulton County: the Chadwick Road Landfill, Inc., the Safeguard Landfill, and the Willow Oak C&D landfill. Only four of these landfills are projected to have capacity throughout the ten year planning period, including the new Willow Oak landfill which is projected to have capacity for over 100 years.

Section 5

Table 5-2
Construction and Demolition Landfills Accepting Waste from
Unincorporated Fulton County, 2004

County	Facility Name	Permit Number	Dominion	Year Expected to Reach Capacity
Cherokee	Cherokee Construction and Demolition Landfill	028-043D (C&D)	Private Commercial	2040
Cherokee	Cherokee Co-Swims-SR 92 Ph 5	028-040D (C&D)	Private Commercial	2007
DeKalb	APAC/GA - Donzi Ln Ph 5A (L)	044-042D (L)	Private Commercial	2008
DeKalb	BFI-East DeKalb Landfill	044-049D (C&D)	Private Commercial	2004
DeKalb	Rogers Lake Road C&D Landfill	044-041D (L)	Private Commercial	2008
Forsyth	Greenleaf Recycling, LLC	058-013D (C&D)	Private Commercial	2014
Fulton	Chadwick Rd Landfill, Inc.	060-072D (L)	Private Commercial	2011
Fulton	Safeguard Landfill Management C & D	060-088D (C&D)	Private Commercial	2008
Fulton	Willow Oak C&D Landfill	060-089D (C&D)	Private Commercial	Opened in 2004. Permitted for 15,089,000 CY
Hall	Reliable Tire Services, Monroe Dr.	069-014D (C&D)	Private Commercial	2018
Walton	US 78 Construction and Demolition Landfill	147-012D(C&D)	Private Commercial	2119

2004 Landfill Reports, Georgia EPD.

5.2.1 Assurance of 10-Year Capacity

Based on projected capacity, landfills currently being used for MSW have sufficient disposal capacity to accept all municipal solid waste disposed of from unincorporated Fulton County for the planning period. However, it is likely that private haulers may deliver some of the MSW elsewhere depending on market forces.

Although the County has no ability to dictate where MSW from the unincorporated County is delivered, it has obtained letters from the Pine Bluff Landfill in Cherokee County for approximately 325,000 tons per year, the anticipated tonnage at the end of the planning period. The owners and operators of this facility have assured the County that the Pine Bluff landfill has enough disposal capacity to accept waste from unincorporated Fulton County for the ten year planning period. EPD reports that the capacity at Pine

Bluff is expected to last until 2060 at current disposal rates. The capacity assurance letter provided by Waste Management, the owner of Pine Bluff, is included as Appendix E.

Once the Bolton Road landfill closes, there will be no MSW landfills remaining in Fulton County. Thus, it is likely that at least some of the waste collected in the County will be transferred prior to delivery to the landfill. Although there is no database available indicating the processing capacity of transfer stations in the County, the distribution of the existing transfer stations and the known capacity of a couple of these facilities suggests that there is more than enough capacity at existing transfer stations in the County to handle the waste. Two facilities alone, Waste Management, Inc.'s Alpharetta and Gateway facilities, report a combined total throughput capacity of 2,100 tons per day. This is more waste than the County disposes of in a single day.

Although there appears to be sufficient space in MSW landfills in the region to handle Fulton County's waste for the next ten years, C&D landfill capacity may be more limited. At the current disposal rate of 7.48 pounds per person per day, it is estimated that approximately 41 million cubic yards of construction and demolition debris will be disposed over the ten year planning period (using a conversion factor of 1,100 pounds per cubic yard). The total capacity remaining in the C&D landfills currently accepting waste from unincorporated Fulton County is reported by EPD as 33 million cubic yards.¹ So either new C&D capacity will need to be developed, these materials will need to be reduced, or they will have to be shipped to more distant facilities. Alternatively, these materials would have to be disposed of in MSW facilities, thus shortening the life of MSW facilities in the region.

5.2.2 Contingency Strategy

There are many landfills available to accept Fulton County's waste as evidenced by the fact that eleven landfills currently report that they accept waste from the County. In the event that one or more of these landfills become unavailable, the permitted haulers would be responsible for finding alternative disposal locations. If needed, the County could utilize the Merk Miles facility as a staging area for the unincorporated areas for excessive debris that would likely result from a disaster.

5.3 Statement of Needs and Goals

Goal: Ensure sufficient disposal capacity to handle the amount of waste projected to be disposed for the next ten years.

Goal: Ensure that existing and proposed solid waste handling facilities located in the unincorporated County will not negatively impact the natural environment or public health and safety.

Specifically, the County's needs with regard to disposal include:

1. Continue to monitor capacity of landfills in the region to ensure that there remains sufficient capacity to handle Fulton County's MSW.

¹ 2004 EPD data for remaining C&D landfill capacity.

Section 5

2. Work with neighboring communities, private haulers, and landfill operators to ensure sufficient capacity in construction and demolition landfills to handle the waste generated in the region, including a strategy to handle debris generated by a disaster.
3. Evaluate sufficiency of host fee collected from disposal facilities operating in the County.
4. Ensure that all solid waste handling facilities are operated in a manner that protects public health and the environment and is consistent with solid waste management plan.
5. Determine role of the newly formed City of Sandy Springs in ensuring landfill capacity and oversight of facilities located within its borders.

Section 6

LAND LIMITATION ELEMENT

Fulton County is one of the most densely populated counties in the State. Population density, zoning, and land use factors, as well as natural environmental limitations limit the amount of land suitable for development of new landfills or other solid waste facilities.

Solid waste disposal facilities and other solid waste handling facilities should be located where they have minimum adverse effects on the community and the environment. This section outlines the limitations that the County will consider when a new solid waste management facility or the expansion of an existing solid waste management facility is proposed. The limitations identified below do not exclude the development of a facility in an area where the limitations occur; rather, the limitation or concern must be considered, and if possible, mitigated when siting a facility.

6.1 Natural Environmental Limitations

Federal, State, and County policy contain restrictions on where in Fulton County solid waste facilities can be sited and, in some cases, the design required to site facilities in a specific area, based on natural environmental features. This section discusses the restrictions in more detail. Figure 6-1, provided by DCA, indicates the areas in Fulton County impacted by some of these restrictions, as well as those impacted by some of the land use restrictions described in Section 6.2.

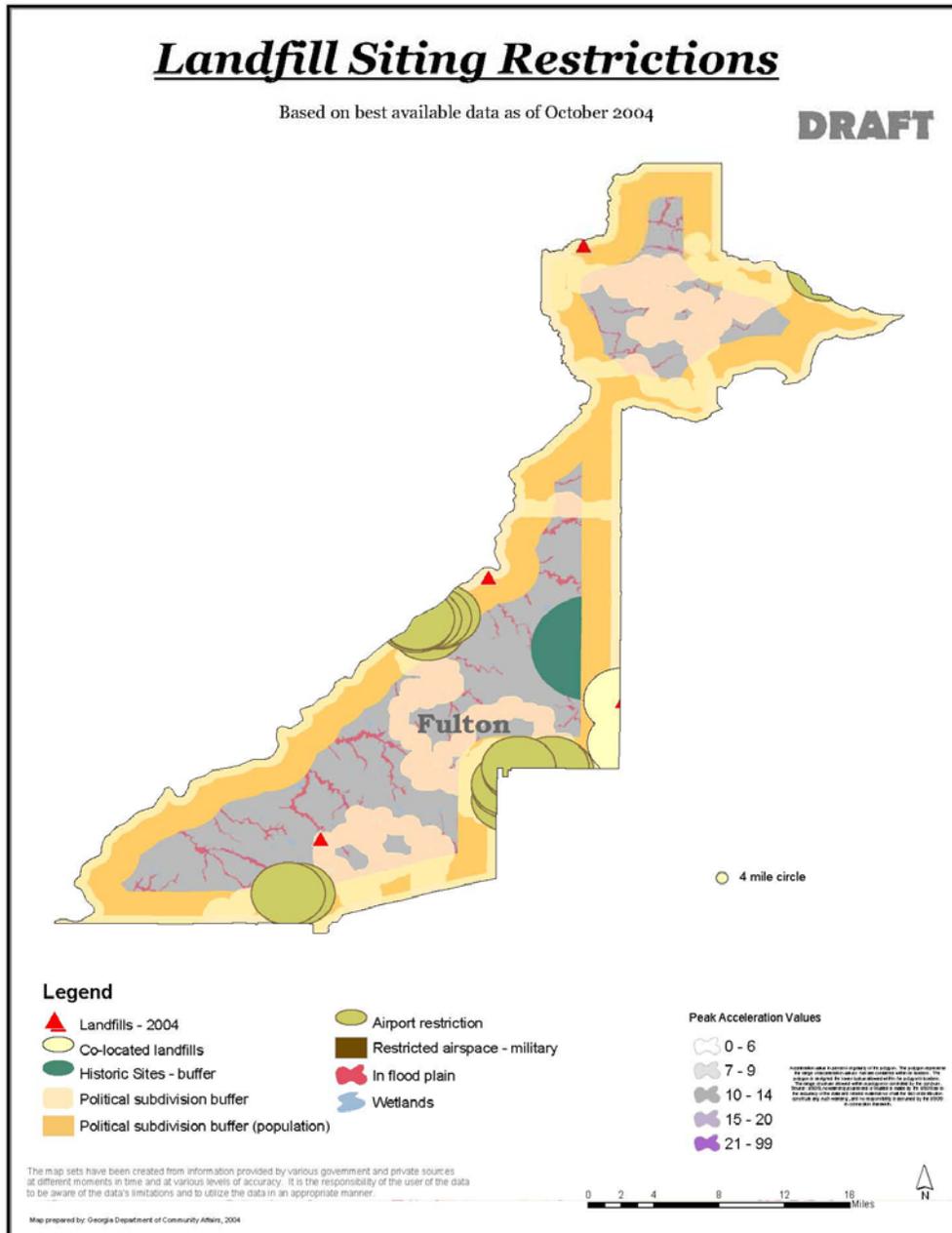


Figure 6-1: Landfill Siting Restrictions in Fulton County

6.1.1 Floodplains

DNR Rule 391-3-4-.05(1)(d) stipulates that any solid waste landfill located in the 100-year floodplain 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 of the environment. Fulton County requires applicants proposing to develop in a wetland or floodplain to obtain a Section 404 permit or a determination of no jurisdiction from the Army Corps of Engineers prior to obtaining a LDP.

6.1.2 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 that use of the wetland has been permitted or otherwise authorized under all other applicable state and federal laws and rules.

6.1.3 Water Supply Watersheds

DNR Rule 391-3-16-.10(7)c1 requires that at any location within a small water supply watershed, new solid waste landfills must have synthetic liners and leachate collection systems. Two large watershed areas exist in Fulton County, the Chattahoochee River basin and the Flint River Basin. The Chattahoochee River basin encompasses portions of the North Fulton and Sandy Springs unincorporated Planning Areas, and portions of DeKalb and Gwinnett counties. Two adjacent small water supply watersheds are located in South Fulton. The Cedar Creek watershed serves the Palmetto Water Plant and Intake, and contains six square miles in South Fulton. The Line Creek watershed serves Fayette County and serves 10.67 square miles in South Fulton. In North Fulton, the 96 square mile Big Creek watershed includes the water intake for the City of Roswell.

6.1.4 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. In Fulton County, the primary public drinking water source is surface water from the Chattahoochee River and its tributaries, not groundwater. Although Fulton County is largely serviced by public water, some households in rural portions of the County rely on individual wells.

6.1.5 River Corridors

DNR Rules prohibit the development of new solid waste landfills within protected river corridors. The Chattahoochee River corridor is protected under the Metropolitan River Protection Act (MRPA), which establishes undisturbed vegetation buffer and impervious surface setbacks from both sides of the river's banks. The Flint River basin

encompasses portions of Fulton, Clayton, and Fayette Counties. Approximately 30 square miles of the Flint River basin are in unincorporated South Fulton.

6.1.6 Protected Mountains

DNR Rule 391-3-16.05(4)(1) prohibits the development of new solid waste landfills in areas designated as protected mountains. There are no protected mountains in the Fulton County.

6.1.7 Fault Zones, Seismic Impact Zones, and Unstable Areas (Karst Areas)

A hydrogeological assessment must be conducted at the location of any proposed solid waste disposal facility. Such an assessment must be performed under the direction of a registered geologist or professional engineer. Technical issues which involve seismic activity, fault lines, unstable areas, such as karst areas must be evaluated in the preliminary site selection phase. Any condition that would likely result in a release of pollution from a site may not receive EPD approval during the solid waste handling permitting process, unless mitigating or supplemental protection is provided.

DNR Rule 391-3-4-.05(1)(f) focuses on fault areas and requires that new landfill units and lateral expansions of existing landfills not be located within 200 feet of a fault that has had a displacement in Holocene time, unless an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the landfill and will protect human health and the environment.

DNR Rule 391-3-4-.05(1)(g) prohibits the development of new landfills and lateral expansions of existing landfills in seismic impact zones, unless all landfill containment structures, including existing landfill liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.

According to DNR Rule 391-3-4-.05(1)(h), existing landfills and lateral expansions of existing landfills located in an unstable area must demonstrate that engineering measures have been incorporated into the landfill's design to ensure that the integrity of the structural components of the landfill will not be compromised.

6.2 Land Use and Zoning Limitations

6.2.1 Zoning Restrictions

DNR Rule 391-3-4-.05(1)(a) requires that solid waste facility sites must conform to all local zoning/land use ordinances. The Fulton County Zoning Resolution specifies the allowable districts and other criteria for siting solid waste handling facilities in the unincorporated County, shown in Table 6-1. Municipal solid waste landfills and transfer stations can only be sited in areas zoned M-2, or heavy industrial, of which there is a total of 5,319 acres in the southern part of the unincorporated County.

Figures 6-2 and 6-3 indicate the land in north Fulton and south Fulton, respectively, that is zoned for heavy industrial.

**Table 6-1
Zoning Requirements for Solid Waste Facilities**

Facility Type	District Permitted	Other Siting Criteria
Inert Landfill	AG-1, M-1, M-2	No portion within three mile radius of existing landfill
MSW Landfill (including C&D)	M-2	No portion within three mile radius of existing landfill
Recycling Facility, Processing	C-2, M-1A	No portion within three mile radius of existing recycling facility
Transfer Station	M-2	No portion within three mile radius of existing transfer station
Composting	AG-1	Minimum 5 acre site

AG-1 = Agricultural, M-1 = Light Industrial, M-1A = Industrial Park District, M-2 = Heavy Industrial, C2 = Community Business

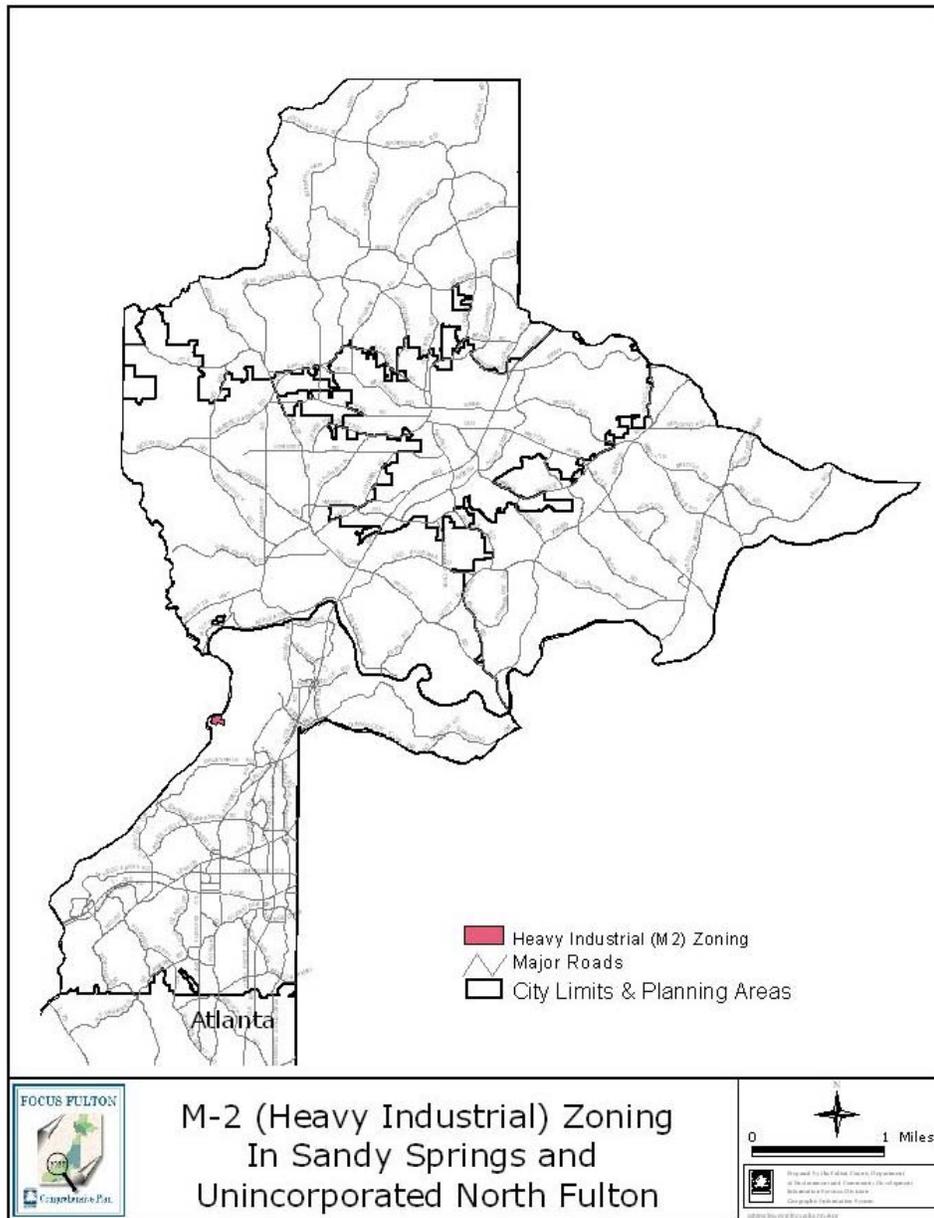


Figure 6-2: Zoning in Sandy Springs and Unincorporated North Fulton

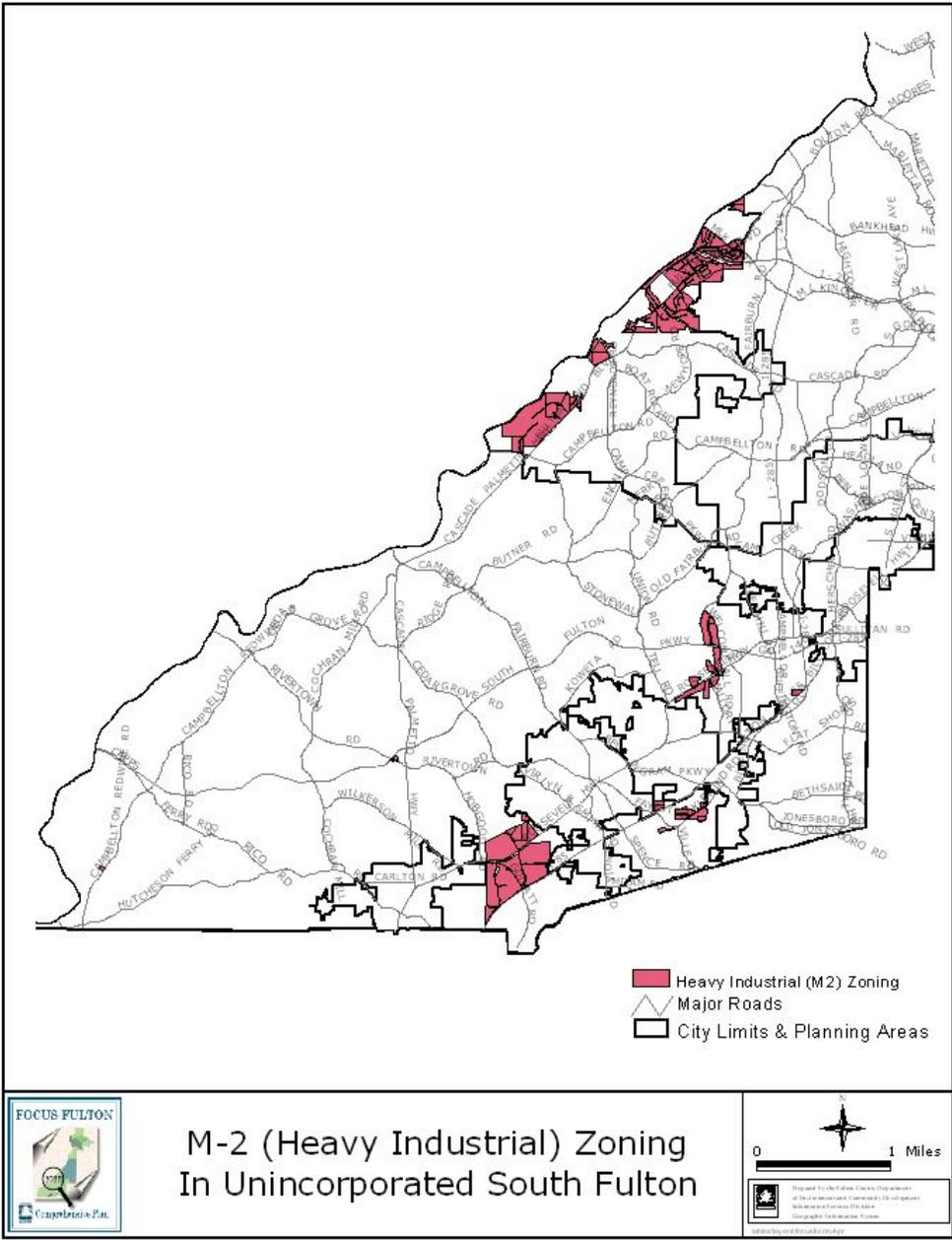


Figure 6-3: Zoning in Unincorporated South Fulton

6.2.2 National Historic Sites

MSW landfills are not permitted within 5,708 yards of a National Historic Site. The Martin Luther King Memorial in the City of Atlanta is the only designated National Historic Site in Fulton County.

6.2.3 Archaeological Sites

The Archaeological Resources Protection Act of 1979 requires federal agencies or local governments utilizing federal funds to conduct archaeological investigations on lands under their jurisdiction to determine the nature and extent of the protected cultural resources present. Therefore, no solid waste handling facility should be located so as to negatively impact an area of concentrated or known archaeological sites on file with the Georgia Archaeological Site File (GASF). Located at the University of Georgia, the GASF is the official repository for information about known archaeological sites in the state of Georgia. Because specific information concerning the location and contents of archaeological sites is protected by Georgia Law ([O.C.G.A. 50-18-72 \[a\]\[10\]](#)), direct access to the complete information held by the GASF is restricted to qualified archaeologists and archaeology students. If a facility siting has the potential to impact an area of concentrated or known archaeological sites, then consultation with the State Archaeologist and the SHPO would be required.

6.2.4 Surface Water Intake

The Chattahoochee River serves as the primary water source for numerous Fulton County citizens. Several surface water intakes are located along the Chattahoochee River. According to the Georgia DNR Rule 391-3-16-.01, solid waste landfills must have engineered modifications such as liners, leachate collection systems, and groundwater monitoring systems if they are to be located within 2 miles of a surface water intake for a public water source. Unless such a location is the only feasible location, other locations should be considered.

6.2.5 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 5,000 feet of any runway planned or used for piston-type aircraft or within 10,000 feet of any runway planned or used for turbo-jet or piston-type aircraft. Three airports, the Fulton County Airport, Jackson-Hartsfield International Airport, and the South Fulton Airport, are in or adjacent to South Fulton County. All three of these airports allow or plan to allow both types of aircraft, which means all land within 10,000 feet of the runways at these airports is excluded as a potential site for an MSW landfill. Figure 6-3, provided by the Georgia Department of Community Affairs, indicates the land in Fulton County impacted by siting restrictions for MSW landfills (including construction and demolition landfills), including this requirement for airport safety.

6.2.6 Co-Located Landfills

Fulton County zoning resolution prohibits the siting of a solid waste management facility within a three mile radius of any other existing facility of the same type. This is more stringent than the State requirement of four miles. Figure 6-1 indicates the areas in the unincorporated County impacted by this requirement.

6.2.7 Political Subdivisions

The Georgia Comprehensive Solid Waste Management Act prohibits the siting of a MSW landfill within one half mile of another County's borders without the approval of the jurisdiction's governing authority. Unincorporated Fulton County borders ten other counties. Nearly 40,000 acres in the County are impacted by this requirement. Figure 6-1 indicates the areas in the unincorporated County impacted by this requirement.

6.2.8 Other Land Use Issues

Solid waste handling facilities generate considerable truck traffic and should be located near major roads. Odor and noise are also associated with solid waste handling facilities. Therefore, a minimum 200 foot wide buffer is required of landfills adjacent to residential districts and uses and a minimum of 50 foot wide buffer adjacent to public rights of way. In addition, a minimum fence of six feet in height is required inside the buffers adjacent to property zoned of developed for residential uses. Access through any residential subdivision is prohibited.

6.3 Local Procedures for Siting Solid Waste Facilities

In Fulton County, proper zoning and pertinent use, administrative, and land use permits are required prior to construction and operation of a landfill. The Fulton County Zoning Resolution allows for two types of landfills - Inert Waste and Solid Waste. According to EPD, C&D landfills are a subset of MSW landfills (although they can obtain a variance from a liner and leachate collection system, daily cover is not a requirement, and they do not fall under the siting criteria for bombing ranges and airports). Because of this determination, C&D landfills fall under the zoning restrictions the County has for MSW landfills. Landfill operators must also show their Georgia Solid Waste Handling and Disposal permit prior to obtaining a Fulton County Land Disturbance Permit (LDP).

The County has established a formal process for approving transfer stations in unincorporated Fulton County. All companies interested in constructing a transfer station in Fulton County must:

- Obtain a use permit from the County;
- Provide a detailed environmental impact report to the County;
- Receive approval of the environmental impact report from the County Board of Commissioners;

- Receive approval for a use permit from the County Board of Commissioners;
- Meet all zoning restrictions and requirements;
- Be consistent with and meet the requirements of the Long Term Land Use Plan.

6.3.1 Consistency with the Solid Waste Management Plan

In addition to the process described above for approving transfer stations, any entity requesting a renewal or issuance of a solid waste handling permit (or notifying EPD in the case of a permit by rule) for any type of solid waste management facility must demonstrate that the facility or facility expansion is consistent with Fulton County's Solid Waste Management Plan by following the process described below.

At least 60 days prior to filing for a solid waste handling or C&D permit, or notifying EPD in the case of a solid waste handling facility that is permitted by rule, the applicant must submit to the Fulton County Commission, copying the Fulton County Director of Public Works, a written statement documenting the following:

1. How the proposed facility or facility expansion will meet the specific goals and/or needs identified in the Solid Waste Management Plan, including identification of:
 - a) the impact upon the collection capability within the planning area;
 - b) the impact upon disposal capacity identified in the planning area; and
 - c) the impact to the waste reduction and recycling efforts within the planning area.
2. How the proposed facility or facility expansion and its operation will impact the community, including:
 - a) the impact to vehicle traffic and public safety around the proposed facility and throughout the planning area (the Fulton County Zoning Resolution specifically indicates operating hours, type of road access, buffer zones, etc. for each type of solid waste facility that must be adhered to);
 - b) the impact to the financial viability of the existing solid waste management system within the planning area;
 - c) the impact to individual and business solid waste management rates;
 - d) the impact of the proposed facility or facility expansion to other natural or cultural resources within the planning area; and
 - e) the impact of the proposed facility or facility expansion to the current solid waste management infrastructure (collection, transfer, and disposal) within the planning area, both public and private.

3. How the owner/operator of the proposed facility (and any subsequent owner/operators if sold) will provide financial assurance to address potential environmental liability.
4. That the proposed facility or facility expansion is sited in an area deemed suitable according to the criteria listed in the plan.
5. That the proposed facility or facility expansion is sited in a location that is consistent with local zoning ordinances.

The Governing Authority shall review the "Written Statement of Consistency" and hold at least one public hearing on the requested facility development or expansion prior to determining if the proposed facility or facility expansion is consistent with the Solid Waste Management Plan. Within 30 days of making their determination the Board shall notify the developer whether or not the proposed facility or facility expansion is consistent with the Plan. If the proposed facility is not consistent with the Plan, the developer may address the inconsistencies and resubmit their request for another review. No proposed facility or facility expansion will be sited in the County without a letter from the County Commission stating that the facility is consistent with the Solid Waste Management Plan.

6.4 Needs and Goals

***Goal:** To ensure that proposed solid waste handling facilities are consistent with Fulton County's Zoning Resolution, compatible with surrounding land uses, meet federal, State and local environmental requirements, and are consistent with the County's Land Use and Solid Waste Management Plans.*

1. Maintain maps indicating the land excluded from solid waste facility development based on zoning, land use, and environmental factors.
2. Revise County policy as needed to ensure that solid waste facilities are sited and operated in a manner consistent with the Solid Waste Management Plan.
3. Educate potential developers about the County's siting requirements and the process to demonstrate consistency with the Solid Waste Management Plan.
4. Enforce all requirements of the siting and operating requirements for solid waste facilities, including the requirement to demonstrate consistency with the Solid Waste Management Plan.
5. Define the process for reviewing proposals for solid waste handling facilities in the City of Sandy Springs, once incorporated.

Section 7

EDUCATION AND PUBLIC INVOLVEMENT ELEMENT

7.1 Inventory and Assessment of Public Education and Involvement

Fulton County dedicates significant funding and staff resources to public education and involvement on solid waste issues. The County maintains a list of registered haulers, recycling opportunities, and information about the County's solid waste management plans on its web site. The County funds KSSNFB and staff in the FCDECD to implement education and public involvement programs that extend to residents, businesses and schools.

Public education for south part of the County is handled through the FCDECD. Through the Office of Environmental Affairs, a division of the FCDECD, community outreach and education includes Adopt-A-Stream workshops, Water Quality Workshops, Storm Drain Stenciling Events, Water Conservation/Lawn care/Xeriscape workshops, Household Hazardous Waste programs, Clean Water Campaign workshops, composting workshops, and other special environmental events.

Keep South Fulton Beautiful, a not-for-profit organization that is funded through private sources, also offers programs to residents and businesses in south Fulton County. Keep South Fulton Beautiful coordinates education and public involvement programs such as Adopt-A-Tree, Adopt-A-Road, Project Wet and Project Learning Tree. Keep Fulton Beautiful also provides resources for school teachers that meet the standards of the Georgia Department of Education's quality core curriculum.

Public education in unincorporated North Fulton is handled by KSSNFB. Full time staff, currently funded by Fulton County, provides extensive waste reduction, beautification and litter prevention programs such as Adopt-A-Road, Evergreen Business, Evergreen Schools, Graffiti Hurts, and storm drain stenciling. KSSNFB also hosts annual waste reduction and recycling events like Bring One for the Chipper (holiday tree recycling), Arbor Day, The Great American Clean-up, Rivers Alive, and America Recycles Day. KSSNFB also reports to a Board that oversees its public education campaigns and programs.

Although not part of the Fulton County programs, Keep Roswell Beautiful (City of Roswell) also reaches into parts of the unincorporated North Fulton Planning Area. Keep Roswell Beautiful programs focus on the beautification, conservation and preservation of our environment. The organization hosts community education programs which promote litter control, recycling, and community beautification, such

Section 7

as Adopt-A-Road, Adopt-A-Stream, Storm Drain Stenciling, Great American Cleanup, Bring One for the Chipper and Rivers Alive River Cleanup.

In addition, as described in Section 4, the County has an active educational and enforcement program to address illegal dumping and littering. Citizens can report littering on a County Hotline. Public education efforts operated by the FCDECD, KSSNFB, and Keep South Fulton Beautiful discourage littering and illegal dumping. KSSNFB sponsors an annual bulky trash drop-off day.

Table 7-1 describes the public education and involvement activities in the unincorporated Fulton County Planning Areas.

EDUCATION AND PUBLIC INVOLVEMENT ELEMENT

**Table 7-1
Existing Environmental Education Initiatives**

Program/Activity	Jurisdictions Covered	Operated by	Target Audience	Description of Impact
Brochures, special events, tours, presentations, web site	Unincorporated North and South Fulton County	Fulton County/KSSNFB; FCDECD; Keep South Fulton Beautiful, Keep Roswell Beautiful	Residents	Encourages waste reduction, recycling, beautification, litter prevention
Adopt-A-Road	Unincorporated North and South Fulton County	Fulton County/KSSNFB; Keep South Fulton Beautiful; Keep Roswell Beautiful	Businesses and Civic Groups	Keeps highways and roads clean
Adopt-A-Tree	Unincorporated South Fulton County	Keep South Fulton Beautiful	Business, Civic and School Groups	Encourages beautification
Adopt-A-Stream	City of Roswell; Unincorporated North Fulton County	Keep Roswell Beautiful, FCDECD	Residents, Business and civic groups	Encourages litter prevention; keeps waterways clean
Project Learning Tree	Unincorporated South Fulton County Planning Area	Keep South Fulton Beautiful	Teachers and educators	Environmental educational programs
Evergreen Businesses	Unincorporated North Fulton County Planning Area	KSSNFB	Businesses	Encourages waste reduction, recycling, and buying recycled
Evergreen Schools	Unincorporated North Fulton County Planning Area	KSSNFB	School Students and Teachers	Encourages waste reduction, recycling, beautification, and litter prevention
Graffiti Hurts	Unincorporated North Fulton County Planning Area	KSSNFB	Residents, businesses, civic groups, schools	Educates individuals about the consequences of graffiti in the community

Section 7

Program/Activity	Jurisdictions Covered	Operated by	Target Audience	Description of Impact
Bring One for the Chipper	Unincorporated North Fulton County Planning Area; City of Roswell	KSSNFB, Keep Roswell Beautiful	Residents	Encourages recycling
Arbor Day	Unincorporated North Fulton County Planning Area	KSSNFB	Residents, businesses, civic groups, school	Encourages beautification
Great American Clean-Up	Unincorporated North Fulton County Planning Area, City of Roswell	KSSNFB, Keep Roswell Beautiful	Residents, businesses, civic groups, schools	Encourages litter prevention and beautification
Rivers Alive	Unincorporated North Fulton County Planning Area, City of Roswell	KSSNFB, Keep Roswell Beautiful	Residents, businesses, civic groups, schools	Encourages litter prevention, beautification and stewardship for water resources
America Recycles Day	Unincorporated North Fulton County Planning Area, City of Roswell	KSSNFB, Keep Roswell Beautiful	Residents, businesses, civic groups, schools	Encourages recycling and buying recycled
Household Hazardous Waste	Unincorporated Planning Areas	FCDECD	Residents	Encourages proper management of HHW
Composting Workshop	Unincorporated Planning Areas	FCDECD	Residents	Encourages management of yard trimmings
Board of Directors	Unincorporated North Fulton County Planning Area, City of Roswell	KSSNFB, Keep Roswell Beautiful	Proactive Citizens	Encourages citizens to become active in solid waste, recycling, litter prevention and beautification efforts in the community

7.2 Needs and Goals

Goal: Work with municipalities and non-profits to ensure that all residents of the County have access to information about waste reduction and solid waste management in Fulton County.

1. Continue to operate existing public education and involvement programs related to solid waste.
2. Work with the new City of Sandy Springs to ensure that the effective KSSNFB program continues to offer public education and public involvement activities to City residents as well as residents of unincorporated North Fulton County.
3. Continue to work with the City of Roswell to enable Keep Roswell Beautiful programs to reach into the unincorporated areas of the County.
4. Continue to work with Keep South Fulton Beautiful and other non-profits organizations to educate and involve to residents and businesses in south Fulton County in solid waste management issues.
5. Ensure that public education and information focuses on all aspects of solid waste management, including costs.

Section 8 IMPLEMENTATION STRATEGY

8.1 Summary of Needs and Goals

This Section provides an implementation strategy to meet the goals and needs identified in the Waste Reduction, Collection, Disposal, Land Limitation, and Public Education and Information Sections of this Plan. The needs and goals on which this implementation strategy is based, taken from the previous sections of this Plan, are summarized in the Table below.

**Table 8-1
Summary of Fulton County Goals and Needs**

WASTE REDUCTION	
Goal: To reduce the per capita amount of waste disposed by 10% over the next ten years.	
Need	Jurisdiction
Develop a better way to determine how much waste is actually being disposed of from unincorporated Fulton County versus the County as a whole.	Fulton County
Enforce the current requirements of the Collection and Disposal Ordinance for permitted haulers to collect and recover recyclables and yard trimmings and to document quarterly that this is being done.	Fulton County
Evaluate whether the Collection and Disposal Ordinance should contain additional provisions to encourage recycling by private haulers.	Fulton County
Ensure that the Morgan Falls "Dick Schmaltz" Residential Drop-Off and Recycling Center remains open and available to all residents of the County.	Fulton County/ Sandy Springs
Consider the best way to collect recyclables in the newly incorporated City of Sandy Springs.	Sandy Springs
Determine the availability of recycling services to businesses in unincorporated Fulton County and complement as needed.	Fulton County
Promote the availability of recycling programs offered at the drop-off centers and by private haulers.	Fulton County

Section 8

COLLECTION

Goal: To provide universal access to collection services for solid waste and recyclables to all citizens of unincorporated Fulton County.

Need	Jurisdiction
Enforce terms of the existing Solid Waste Collection and Disposal Ordinance.	Fulton County
Ensure that the permit process for private haulers is consistent between the Health Department and Public Works and determine whether there is a way to streamline this process.	Fulton County
Evaluate the impact of having a number of haulers offering the same service in the same geographic areas and, if necessary, evaluate and implement alternatives.	Fulton County
Determine where County will offer collection for yard trimmings and bulky items and contract for services.	Fulton County
Determine whether County policy needs to be amended to ensure transfer stations operate in a manner consistent with Fulton County objectives.	Fulton County
Consider contracting with collectors and disposal facilities to provide services in case of disaster.	Fulton County
Evaluate and implement options to provide adequate and consistent collection service to residents and businesses in the newly created City of Sandy Springs.	Sandy Springs

DISPOSAL

Goal: Ensure sufficient disposal capacity to handle the amount of waste projected to be disposed for the next ten years.

Goal: Ensure that any proposed solid waste handling facility located in the unincorporated County will not negatively impact the natural environment or public health and safety

Need	Jurisdiction
Continue to monitor capacity of landfills in the region to ensure that there remains sufficient capacity to handle Fulton County's MSW.	Fulton County
Work with neighboring communities, private haulers, and landfill operators to ensure sufficient capacity in construction and demolition landfills to handle the waste generated in the region, including a strategy to handle debris generated by a disaster.	Fulton County
Evaluate sufficiency of host fee collected from disposal facilities operating in the County.	Fulton County
Ensure that all solid waste handling facilities are operated in a manner that protects public health and the environment and is consistent with solid waste management plan.	Fulton County
Determine role of the newly formed City of Sandy Springs in ensuring landfill capacity and oversight of facilities located within its borders.	City of Sandy Springs

LAND LIMITATION

Goal: To ensure that proposed solid waste handling facilities are consistent with Fulton County's Zoning Resolution, compatible with surrounding land uses, meet federal, State and local environmental requirements, and are consistent with the County's Land Use and Solid Waste Management Plans.

Need	Jurisdiction
Maintain maps indicating the land excluded from solid waste facility development based on zoning, land use, and environmental factors.	Fulton County
Educate potential developers about the County's siting requirements and the process to demonstrate consistency with the Solid Waste Management Plan.	Fulton County
Enforce all requirements of the siting and operating requirements for solid waste facilities, including the requirement to demonstrate consistency with the Solid Waste Management Plan.	Fulton County
Conduct site suitability assessment of land in unincorporated Fulton County that meets the criteria for siting of C&D landfills.	Fulton County
Define the process for reviewing proposals for solid waste handling facilities in the City of Sandy Springs, once incorporated.	City of Sandy Springs

EDUCATION AND PUBLIC INVOLVEMENT

Goal: Work with municipalities and non-profits to ensure that all residents of the County have access to information about waste reduction and solid waste management in Fulton County.

Need	Jurisdiction
Work with the new City of Sandy Springs to ensure that the effective KSSNFB program continues to offer public education and public involvement activities to City residents as well as residents of unincorporated North Fulton County.	Fulton County and City of Sandy Springs
Continue to work with the City of Roswell to enable Keep Roswell Beautiful programs to reach into the unincorporated areas of the County.	Fulton County
Continue to work with non-profits organizations to educate and involve to residents and businesses in south Fulton County in solid waste management issues.	Fulton County
Ensure that public education and information focuses on all aspects of solid waste management, including costs.	Fulton County

8.2 Activities in Implementation Strategy

The implementation strategy, included as Table 8-2 identifies the activities that the County will undertake to meet these goals and needs over the next ten years, from 2006 through 2015. Activities in the first five years constitute the Short Term Work Program. Some of the activities entail continuing existing programs while other involve changes in policy or implementation of new programs. Table 8-2 includes a summary of each of the proposed activities and programs listed by planning element (i.e. waste reduction, collection, disposal, land limitation and education and public involvement). The Table indicates the year that the activity will be implemented, the

Section 8

responsible party, the projected annual cost, and the potential source of funds to implement the activity.

IMPLEMENTATION STRATEGY

Table 8-2
Unincorporated Fulton County Implementation Strategy

Activity	Year to Be Implemented										Responsible Party	Est. Cost (if any)	Funding Sources	
	06	07	08	09	10	11	12	13	14	15				
WASTE REDUCTION														
<i>Goal: To reduce the per capita amount of waste disposed by 10% over the next ten years.</i>														
Work with registered haulers, landfills, and municipalities to develop an approach to better quantify the waste disposed from the unincorporated County.	X	X										DPW	(1)	SW Enterprise Fund
Make necessary changes to the Collection and Disposal Ordinance to clarify requirements for private haulers to offer curbside collection of recyclables to residential customers.	X											DPW	(2)	SW Enterprise Fund
Educate private haulers on the requirement to offer curbside recycling to all residential customers	X											DPW	(1)	SW Enterprise Fund
Enforce requirements on residential private haulers to offer curbside recycling to all customers.		X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund
Require beneficial reuse of yard trimmings collected through County contracts.	X	X	X	X	X	X	X	X	X	X	X	DPW	Unknown	SW Enterprise Fund
Work with the City of Sandy Springs to ensure that the Morgan Falls "Dick Schmaltz" Recycling Center remains available to all County residents.	X	X	X	X	X	X	X	X	X	X	X	DPW, DECD, KSSNFB	\$101,000	SSD
Work with the City of Roswell to continue access to Recycling Center for North Fulton residents	X	X	X	X	X	X	X	X	X	X	X	DPW	N/A	N/A

Section 8

Activity	Year to Be Implemented										Responsible Party	Est.Cost (if any)	Funding Sources
	06	07	08	09	10	11	12	13	14	15			
Continue to contract with private operator for Merk Miles Recycling Center.	X	X	X	X	X	X	X	X	X	X	DPW	\$154,320 to operate for solid waste/ recycling	SW Enterprise Fund
Incorporate tonnage reporting requirements into contract with operator of Merk Miles.	X										DPW	N/A	N/A
Work with Environment for Tomorrow to promote the use of its new recycling center and provide support as needed.	X	X	X	X	X	X	X	X	X	X	DPW, DECD	N/A	N/A
Determine the best way for the new City of Sandy Springs to collect recyclables and implement.	X										City of Sandy Springs	Unknown until option chosen	City of Sandy Springs
Promote recycling programs available to residents and businesses.	X	X	X	X	X	X	X	X	X	X	DPW, ECD, KSSNFB	\$270,000 for public education	SSD
COLLECTION													
<i>Goal: To provide universal access to collection services for solid waste and recyclables to residential units in unincorporated Fulton County.</i>													
Streamline permit/registration process for private haulers so that Department of Public Works has initial approval and revocation authority.	X										DPW, HD	(2)	SW Enterprise Fund
Enforce reporting requirements for registered haulers.	X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund

IMPLEMENTATION STRATEGY

Activity	Year to Be Implemented										Responsible Party	Est.Cost (if any)	Funding Sources	
	06	07	08	09	10	11	12	13	14	15				
Ensure that haulers collecting from the commercial sector also adhere to registration requirements.	X											DPW	(1)	SW Enterprise Fund
Evaluate whether current County policy achieves County's goals for collection and waste reduction and consider alternative collection approaches, if necessary.		X										DPW	(2)	SW Enterprise Fund
Continue to accept MSW, yard trimmings, recyclables, and bulky items from residents at Merk Miles.	X	X	X	X	X	X	X	X	X	X	X	DPW	\$154,320 operation ; \$168,000 disposal	SW Enterprise Fund
Reevaluate the geographic area where the County should provide contracted service for weekly collection of bulky items and yard trimmings and issue RFP.	X											DPW	\$30,000	SW Enterprise Fund
Contract with hauler for weekly collection of bulky items and yard trimmings in selected areas.	X	X	X	X	X	X	X	X	X	X	X	DPW	\$900,000	SSD Funds
Enforce requirements that contractors must remove debris from residential property and educate residents and contractors on this.	X	X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund
Continue to prosecute violations of Litter Ordinance and Solid Waste Collection and Disposal Ordinance in Fulton County's Environmental Court.	X	X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund
Continue weekly community clean-ups to control illegal dumping	X	X	x	x	x	X	x	x	x	x	X	DPW	\$20,000	SW Enterprise Fund and SSD

Section 8

Activity	Year to Be Implemented										Responsible Party	Est. Cost (if any)	Funding Sources
	06	07	08	09	10	11	12	13	14	15			
Continue Amnesty Days to control illegal dumping	X	X	X	X	X	X	X	X	X	X	DPW w/ Roswell and Alpharetta	\$20,000	SW Enterprise Fund and SSD
Consider requiring haulers to give customers 30 days notice before terminating service.	X										DPW	(2)	SW Enterprise Fund
Consider entering into contract with hauler to provide rapid debris collection service in case of disaster.	X										DPW	\$20,000	SW Enterprise Fund
Determine how solid waste, yard trimmings, bulky items, and recyclables will be collected in the City of Sandy Springs.	X										City of Sandy Springs	To be determined	City of Sandy Springs
Implement selected collection option.		X	X	X	X	X	X	X	X	X	City of Sandy Springs	Depends on options selected	Depends on option selected
DISPOSAL													
<p>Goal: To ensure sufficient disposal capacity to handle the amount of waste projected to be disposed in the next ten years.</p> <p>Goal: To ensure that any existing or proposed solid waste handling facility located in the unincorporated County will not negatively impact the natural environment or, public health and safety, or be inconsistent with this Solid Waste Management Plan.</p>													
Monitor capacity at MSW and C&D landfills.	X	X	X	X	X	X	X	X	X	X	DPW	N/A	N/A
Work with neighboring communities, private haulers, and landfill operators to ensure sufficient capacity in C&D landfills.	X	X	X	X	X	X	X	X	X	X	DPW with others listed	N/A	N/A

IMPLEMENTATION STRATEGY

Activity	Year to Be Implemented											Responsible Party	Est.Cost (if any)	Funding Sources
	06	07	08	09	10	11	12	13	14	15				
Install landfill gas extraction system at Merk Miles landfill.	X											DPW	\$1.5 million	SW Enterprise Fund
Improve landfill gas system at Morgan Falls.	X											DPW	\$500,000	SW Enterprise Fund
Maintain compliance with the landfill post closure care regulations as required by State law.	X	X	X	X	X	X	X	X	X	X	X	DPW	\$1 million	SW Enterprise Fund
Provide additional terms to include in use permits for transfer stations and other solid waste handling facilities to help achieve goals.	X											DPW	(2)	SW Enterprise Fund
Enforce terms of use permit for transfer stations.	X	X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund
Collect host fee on all solid waste handling facilities operating in unincorporated County		X	X	X	X	X	X	X	X	X	X	DPW	Net revenue	SW Enterprise Fund
Develop firm basis for host fee and recalculate amount and applicable facilities	X											DPW	(2)	SW Enterprise Fund
Direct all fees collected from private operations at solid waste management facilities to the Solid Waste Enterprise Fund.	X	X	X	X	X	X	X	X	X	X	X	Finance Dept.	N/A	N/A
Determine role of Sandy Springs in ensuring landfill capacity and oversight of facilities located within its borders.	X											City of Sandy Springs	N/A	N/A

Section 8

Activity	Year to Be Implemented										Responsible Party	Est. Cost (if any)	Funding Sources
	06	07	08	09	10	11	12	13	14	15			
LAND LIMITATION													
<i>Goal: To ensure that proposed solid waste handling facilities are consistent with Fulton County's Zoning Resolution, compatible with surrounding land uses, meet federal, State and local environmental requirements, and are consistent with the County's Land Use and Solid Waste Management Plans.</i>													
Maintain maps indicating the land excluded from solid waste facility development based on zoning, land use, and environmental factors.	X	X	X	X	X	X	X	X	X	X	DECD	N/A	N/A
Determine necessary changes to zoning ordinance or other policy to ensure facility siting and operation is consistent with SWMP.	X										DPW, DECD	(2)	SW Enterprise Fund
Change policy as needed		X									DPW	N/A	N/A
Educate potential developers about the County's siting requirements and the process to demonstrate consistency with the Solid Waste Management Plan.		X	X	X	X	X	X	X	X	X	DPW, DECD	N/A	N/A
Enforce all requirements of the siting and operating requirements for solid waste facilities, including the requirement to demonstrate consistency with the Solid Waste Management Plan.	X	X	X	X	X	X	X	X	X	X	DPW	(1)	SW Enterprise Fund
Define the process for reviewing proposals for solid waste handling facilities in the City of Sandy Springs, once incorporated.											City of Sandy Springs	N/A	N/A

IMPLEMENTATION STRATEGY

Activity	Year to Be Implemented										Responsible Party	Est.Cost (if any)	Funding Sources
	06	07	08	09	10	11	12	13	14	15			
PUBLIC EDUCATION AND INVOLVEMENT													
<i>Goal: Work with municipalities and non-profits to ensure that all residents of the County have access to information about waste reduction and solid waste management in Fulton County.</i>													
Continue to operate existing public education and involvement programs related to solid waste	X	X	X	X	X	X	X	X	X	X	DECD, KSSNFB, KSFB	\$270,000	SSD
Work with City of Sandy Springs to support KSSNFB programs benefiting residents and businesses in North Fulton County.	X	X	X	X	X	X	X	X	X	X	DECD	County's portion incl. in above	SSD
Continue to work with Keep Roswell Beautiful programs to support programs benefiting residents and businesses in North Fulton County	X	X	X	X	X	X	X	X	X	X	DECD	N/A	N/A
Continue to work with Keep South Fulton Beautiful and other non-profits organizations to support programs benefiting residents and businesses in south Fulton County in solid waste management issues.	X	X	X	X	X	X	X	X	X	X	DECD	Incl. in \$270,000 for public ed.	SSD
Ensure that public education and information focuses on all aspects of solid waste management, including costs.	X	X	X	X	X	X	X	X	X	X	DPW, DECD	N/A	N/A
Educate residents and businesses on changes in solid waste management policy through web site, flyers to neighborhood associations, water bills	X	X	X	X	X	X	X	X	X	X	DPW, DECD	As needed	N/A
(1) Fulton County will assign a staff person to enforce the terms of the Collection and Disposal Ordinance, the Litter Ordinance, and other County policy regarding solid waste management. The costs for these activities will be covered in the salary for this employee, projected to be \$40,000. (2) In 2006, Fulton County will review and revise all its ordinances related to solid waste management to reflect current goals, needs, and objectives. The cost is projected to be \$150,000.													

DPW = Fulton County Dept. of Public Works, **DECD** = Fulton County Department of Environment and Community Development, **KSSNFB** = Keep Sandy Springs/North Fulton Beautiful, **HD** = Fulton County Health Department, **KSFB** = Keep South Fulton Beautiful

8.3 Review and Enforcement of County Policies

An integral part of Fulton County's solid waste management plans for the first couple of years of the planning period is to make sure that current policies allow the County to achieve its solid waste management goals and that these policies are enforced. In 2006, the County will conduct a process of building consensus regarding the County's role in solid waste management, a process begun as part of this solid waste planning process. Then, the Collection and Disposal Ordinance, the Litter Ordinance, and all other solid waste management policies will be reviewed to determine whether they are sufficient to allow the County to achieve its goals. This review will include the County's Zoning Resolution and use permit process to determine whether they are sufficient to allow the County to ensure the solid waste handling facilities sited in the County are consistent with this Solid Waste Management Plan. Policies related to solid waste management will be revised and consolidated, as needed, to meet the goals of the County.

In addition, as part of this planning process, the County has identified the need to more consistently enforce the policies that are in place and those that will be developed as part of the process described above. A new position in the Department of Public Works, Solid Waste will be dedicated, in part, to ensure that registered haulers, contractors, and others comply with the County's policies.

8.4 Methods of Financing

In 2004, Fulton County Solid Waste operated on a budget of just over \$3.2 million per year. Additional activities related to solid waste were performed by other Departments, most notably the Department of Environment and Community Development. Most of the funding for comes from a Solid Waste Enterprise Fund which is supported by the following sources:

- Host fees at disposal facilities located in the County. Currently the County collects \$1 per ton from municipal solid waste landfills (including those that accept construction and demolition debris) in the County, as authorized under the Georgia Solid Waste Management Act. Nearly \$800,000 million was raised through host fees in 2004.
- Private facilities operating on County solid waste facilities. These facilities include cell phone towers, a shooting range, and a golf course sited at the closed Morgan Falls landfill. Approximately \$280,000 was raised from these sources in 2004.
- Fines paid for non-compliance with solid waste ordinances. Approximately \$17,000 was raised from fines in 2004.
- Funds from general revenues transferred into the Solid Waste Enterprise Fund.

The County also has four Special Service Districts (SSDs), two in North Fulton County and two in South Fulton County. In each of these SSDs, a portion of the

property taxes collected support post-closure care of the closed landfills located in these geographic areas. In addition, in South Fulton, a portion of the SSD revenue is used to pay the contractor collecting bulky waste and yard trimmings there. Approximately \$875,000 of the property taxes collected in these SSDs was used for solid waste management in 2004.

The cost to dispose of waste from the unincorporated County is primarily borne by residents and businesses that pay their private haulers to collect and dispose of waste. A portion of that payment is transferred to disposal facilities that accept the waste. Fulton County subsidizes disposal of waste for residents in the unincorporated areas that use the Merk Miles facility. Residents who self-haul their waste are charged a flat fee of \$2 per load at the transfer station. The County does not limit the amount of material per residential load.

8.5 Plan Updates and Amendments

The implementation strategy will be reviewed on an annual basis as the County prepares its Annual Solid Waste Management Survey and Full Cost Report to submit to the Georgia Department of Community Affairs. The County will take this opportunity to determine if the goals or needs of the County have changed in a way that would require changes to the implementation strategy. In addition, the County will update the implementation strategy as part of the Short Term Work Program update. At the end of the ten-year planning period, the entire Fulton County Solid Waste Management Plan will be updated.

Appendix A



Fulton County Solid Waste Management Plan Project - 2005

What is the Fulton County Solid Waste Management Plan Project?



The Fulton County Solid Waste Management Plan Project – 2005 is an initiative in which Fulton County will update its Solid Waste Management Plan, according to State requirements. The Solid Waste Management Plan outlines a 10 year plan to effectively manage solid waste in unincorporated Fulton County, taking into account projected population growth, waste disposal and reduction, landfill needs, Georgia Environmental and Protection Division (EPD) requirements, and solid waste management options such as composting, recycling, and public education efforts. The plan answers the questions:

- What resources does the County have to effectively and efficiently provide for the solid waste management needs of the citizens of unincorporated Fulton County?
- Where can improvements be made and what goals should be achieved?
- How will the County implement this management plan?



How long will the process take?

The process will take a little less than a year. Over this year, the process will include:

- Two public hearings: a meeting at the beginning of the project, and a meeting once a final draft of the plan has been completed
- Gathering of data
- Inventory and resource assessment
- Determination of Needs and Goals
- Implementation schedule development
- Finalized draft plan and public hearing for citizens' feedback
- Submittal to Atlanta Regional Commission (ARC) and the Georgia Department of Community Affairs (DCA) for review
- County resolution to adopt final plan

How will the Solid Waste Management Plan benefit the citizens of unincorporated Fulton County?

- Gives citizens a better understanding of how much waste is currently being disposed, how current solid waste, waste reduction, and recycling programs are working, and how much money is needed to cover collection and disposal costs for the next 10 years
- Defines how County waste will be collected and disposed
- Helps assure that there is adequate landfill space available to take County waste for the next 10 years
- Outlines the plan for waste collection and disposal in the event of a natural disaster

How can citizens stay informed of the progress of this project, and get clarification if questions develop?



To stay informed of progress, take advantage of opportunities for input, ask questions or provide comments regarding this project, citizens can call Anthony Spencer, Fulton County Public Works (404) 730-8013, e-mail at Anthony.Spencer@co.fulton.ga.us, or visit the Fulton County website at www.co.fulton.ga.us/departments/public_works.html.

Solid Waste Management

Solid Waste Household Garbage Collection and Yard Trash



Disposal

Garbage and Yard Trash Disposal

All household and yard trash collection in North Fulton, South Fulton and Sandy Springs have been privatized requiring all residents to contract with a private hauler of their choice. There is one (1) permitted solid waste hauler in North Fulton and two (2) permitted solid waste haulers in South Fulton.

North Fulton Haulers

Hauler	Phone	Service Area
Atlanta Waste Industries	(770) 475-1853	Alpharetta, Roswell, Sandy Springs-(Outside I-285)
Brentland Sanitation	(770) 517-1560	Dunwoody
Browning Ferris, Ind. (BFI)	(404) 792-2660	Alpharetta, Dunwoody, Roswell, Duluth
Robertson Sanitation	(770) 944-4974	Alpharetta
Waste Management	(404)-799-2717	North of City of Atlanta to the Chattahoochee

South Fulton Haulers

Hauler	Phone	Service Area
Cardinal Sanitation	(770) 897-9650	Unincorporated South Fulton
Dream Sanitation	(404) 559-9700	Unincorporated South Fulton including Ben Hill Area
Latham Home Sanitation		
*South Fulton yard trash and bulk waste free collection services to residents	(770)-972-0999	Unincorporated South Fulton including Ben Hill Area
T & R Sanitation	(678) 610-1080	Unincorporated South Fulton

Garbage Not Picked-Up?

All residents are required to contact their service provider if their trash has not been picked up on their scheduled day.

Landfill and Transfer Stations



North Fulton

Chadwick Road Landfill
13700 Chadwick Farm Blvd.
Roswell, GA 30075

Hours of Operation: 770-475-9868 Accepts yard waste.

Mon-Fri 7:00am-5:00pm

Saturday 7:00am-12:00pm

Mauldin Drive Transfer Stations
175 Mauldin Drive
Alpharetta, GA 30004

Hours of Operation: 770-619-9658 Household trash, appliances and construction debris.

Mon-Fri 5:30am-4:00pm

South Fulton

Safeguard Landfill
7200 Bishop Road
Fairburn, GA 30213

Hours of Operation: 770-969-0084 Construction debris, yard waste

Mon-Fri 6:30am-4:30pm Cost is \$20.00 small pick-up truck

Saturday 7:00am-12:00pm

Southern States Landfill
3125 Main Street
East Point, GA Household trash, construction debris, appliances (except refrigerators and air conditioners)

Hours of Operation: 404-209-9701

Mon-Fri 6:00am-4:30pm Cost is \$38.00p/tn

Saturday: 6:00am-12:00pm \$21.00 minimum

Merk Miles Transfer Station
3225 Merk Road
College Park, GA 30049 Household trash, yard waste, construction debris

Hours of Operation: 404-629-1700 Cost is determined by size of vehicle

Monday, Tuesday, Thursday, Friday and

Saturday:9:00am-5:00pm

Welcome All Transfer Station
5225 Welcome All Road
College Park, GA 30349

Hours of Operation:

404-761-9464

Household trash, construction
debris and yard waste

Mon-Fri: 12:00am-4:30pm

\$32.00p/tn

Saturday: 3:00am-12:00pm

Recycling Centers

North Fulton



Dick Schmalz Recycling Center
460 Morgan Falls Road
Dunwoody, GA 30050

770-551-7794

Roswell Recycling Center
1800 Embree Road
Alpharetta, GA

770-442-8822

South Fulton

City of Atlanta

404-330-6236 or 404-330-6333

Appendix B



Fulton County Solid Waste Management Plan South Fulton County Public Hearing

***Meeting Minutes:
June 28, 2005
South Fulton Service Center
6:30 pm – 8:00 pm***

Five (5) South Fulton County Residents attended the Public Hearing: Tonza Borden, Helen Goddard, Mrs. Sherman Baughman, Marlyn Goddard, Dorothy Harris, and Kathy Hood. Also present were Abby Goldsmith and Karen Vickers from R.W. Beck, Inc., and Anthony Spencer from Fulton County Public Works.

From 6:30 to 7:00 pm, Abby Goldsmith and Karen Vickers, from R.W. Beck, the consulting firm hired by Fulton County to write the Solid Waste Management Plan, conversed with citizens on general issues regarding Fulton County solid waste issues.

Anthony Spencer, Fulton County Public Works, opened the meeting at 7:00, giving a brief overview of the evening's agenda and an introduction of the project team.

Abby Goldsmith gave a presentation explaining the purpose, goals, schedule, and other details of the Fulton County Solid Waste Management Plan.

After the presentation, Abby opened the floor for questions and comments. Public comments were brief.

Residents of the Bear Creek Homeowners Association requested that the Association be notified by mail through the Association contact, Ms. Toni Thornton.

Residents voiced a primary concern about siting construction and demolition (C&D) landfills in the unincorporated area of South Fulton County. To address this concern, the Land Limitations Section of the Plan will include information about County siting requirements for C&D landfills.

Mr. Spencer adjourned the meeting at 7:30 pm.



Fulton County Solid Waste Management Plan Project - 2005

***Meeting Minutes:
Public Meeting & June 30, 2005
North Fulton Service Center
6:30 pm – 8:00 pm***

From 6:30 to 6:45 pm, Abby Goldsmith/RW Beck and Karen Vickers/RW Beck conversed with citizens on general issues regarding Fulton County, solid waste issues, and the recent incorporation of the City of Sandy Springs.

Anthony Spencer/Fulton County opened the meeting at 6:45, giving a brief overview of the evening's agenda and an introduction of the project team.

Abby Goldsmith gave a presentation explaining the purpose, goals, schedule, and other details of the Fulton County Solid Waste Management Plan Project.

After the presentation, Abby opened the floor for questions and comments.

The citizens' questions and comments were as follows:

- Question: Can the City of Sandy Springs be a part of this plan?

(Response)

- Question: Are there any representatives here tonight from the Governor's five-member committee selected to manage the establishment of the new City of Sandy Springs?

Yes. A representative of Chairman Oliver Porter is in attendance.

- Question: If the County depends on private haulers, what is Fulton County's responsibility if the haulers get sued?

The haulers that work in Fulton County are required to obtain permits with the County certifying that they are haulers working in Fulton County. However, these haulers do not receive payment from the County, nor does the County receive profits from these haulers. Contractual obligations regarding hauling services are between the hauler and the citizens that employ their services. The County holds no liability regarding the hauler's business dealings or legal issues.

- Comment: EPD requires that haulers recycle at least 25% of recyclable materials collected. Who monitors the recycling of the 25%? No one is monitoring the

recycling centers. The County should form a department that monitors and ensures that haulers are recycling properly.

- Comment: The County should play some role in monitoring haulers.
- Question: What are the state requirements for a city such as Sandy Springs to establish a solid waste management plan?

Sandy Springs has received a waiver from the State until 2008 for their solid waste management plan. Sandy Springs will then be required to follow the same requirements as all Georgia municipalities regarding planning for the management of its solid waste.

- Question: Explain the option of franchising.

If the County were to consider the option of franchising, this would entail...(fill in the blank).

- Comment: With six different haulers going up and down my street, the street is being torn up, it's unsafe for pets and children, and the street is unsightly. Trashcans are ALWAYS on the street because each hauler has a different pick-up day.

- Question: Is there anything that could get Sandy Springs "kicked out" of the plan?

This plan will study and plan for unincorporated Fulton County. Sandy Springs is now its own municipality. Sandy Springs has the option to choose to adopt a plan that is identical to this plan, similar, or one very different from the plan being created under this project. Again, Sandy Springs is not required to develop a Solid Waste Management Plan until 2008.

- Comment: This Solid Waste Management Plan should include plans to more closely monitor and manage solid waste haulers.
- Question: Will residents of the City of Sandy Springs be allowed to use the Fulton County recycling centers?

As the City of Sandy Springs develops processes of handling all of their city services, Sandy Springs will decide how they plan to manage their recycling needs, which may include partnerships with Fulton County for the use of the recycling centers, or which may entail the construction of new recycling centers.

The meeting closed at 7:45 pm.



Fulton County Solid Waste Management Plan Project - 2005

***Meeting Minutes:
Public Meeting & September 19, 2005
South Fulton Service Center
6:30 pm – 8:00 pm***

The meeting opened with a small group of citizens. Anthony Spencer/Fulton County welcomed the citizens, and Abby Goldsmith/R.W. Beck proceeded to review the presentation which provided an overview of the draft solid waste management plan. The citizens in attendance had the following comments:

1. One citizen commented that he was concerned about C&D landfills because he is still on well water and is concerned about ground water contamination.
2. Citizens noted that there are as many problems with C&D landfills as other landfills. C&D landfills should be lined.
3. A comment was made that health concerns have to be considered in developing the solid waste management plan.
4. A homeowner association president suggested that the County should institute environmental regulations on all landfills. This is not to say to do away with State testing, but to apply these regulations and monitoring in addition to the scheduled periodic State testing. This may require adjusting the host fees.

The meeting closed at 7:45 pm.

Appendix C



BOLTON ROAD LANDFILL
A WASTE MANAGEMENT COMPANY

2236 Bolton Road NW
Atlanta, GA 30318
(404) 799-1047
(404) 799-1328 Fax

July 18, 2005

Mr. Anthony Spencer
Solid Waste Manager
Fulton County Department of Public Works
141 Pryor Street
Suite 6001
Atlanta, GA 30303

Subject: Landfill Capacity Assurance

Dear Mr. Spencer:

This letter serves as a disposal capacity assurance for municipal solid waste generated by Fulton County from 2005 to 2015. The Georgia EPD permit number for the Pine Bluff Landfill, located in Cherokee County, is 028-039D(SL). This assurance is based upon Fulton County disposing of approximately 325,000 tons of waste at this facility on an annual basis.

We thank Fulton County for this business partnership and look forward to providing environmentally sound waste disposal options for the foreseeable future.

Sincerely,
Pine Bluff Landfill

A handwritten signature in black ink that reads 'David Stuart'.

David Stuart
Director of Atlanta Landfill Operations

Cc: Abby Goldsmith, R.W. Beck
Jo Ann Birrell, Waste Management

Appendix D

LITTER ARTICLE XVI. LITTER CONTROL

Sec. 34-726. Enactment authority.

The Board of Commissioners of Fulton County, Georgia under the authority of Article 9, Section 2, Paragraph 1 of the Constitution of the State of Georgia (1983), as amended and O.C.G.A. Title 36-1-20, hereby ordains and enacts into law this article.

(Ord. No. 98-0379, 3-4-98)

State law references: Littering, O.C.G.A. § 16-7-40 et seq.

Sec. 34-727. Purpose.

The governing authority is authorized to adopt ordinances for the governing and policing of unincorporated areas of the county for the purpose of preserving and protecting the public health, safety and welfare. Specifically, the governing authority may provide for the regulation and control of **litter** (O.C.G.A. § 36-1-20). The board of commissioners hereby enacts the following provisions in an effort to regulate and control **litter** in the unincorporated areas of Fulton County for the purpose of protecting and preserving the public health, safety, and welfare of the citizens, and to curb thereby the desecration of the beauty of Fulton County caused by persons who **litter**.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-728. Title.

This article shall be known and may be cited as the "Fulton County **Litter** Control Ordinance", and as Article XVI of Chapter 34, Health and Sanitation.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-729. Scope of article.

The provisions of this article shall apply only to unincorporated Fulton County or any area within the jurisdiction of the governing authority of Fulton County.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-730. Definitions.

As used in this article, unless the context clearly requires otherwise, the following words or phrases shall have the following meanings:

Bulk waste shall mean dry type wastes such as discarded tires, white goods, furniture, appliances, land clearing material, oversize tree trunks and/or limbs, and/or similar material.

Dispose means to discharge, deposit, inject, burn, dump, place or get rid of any liquid, trash, **litter**, or garbage into, or on any land, or water so that such liquid, trash, **litter**, or garbage, or any constituent thereof, may enter into and upon the environment or transfer to the control of another person in a manner inconsistent with this article or any other state or local law, regulation, or ordinance.

Garbage shall mean all household or domestic waste, including waste from the preparation and cooking of food, vegetable, fruit, and meat scraps, ashes, cans and bottles, paper, floor sweepings, cardboard, and other such material to be disposed of from residents, churches, schools, office buildings, business

establishments and similar places.

Governing authority means Fulton County ("County"), its board of commissioners, and where delegated [designated] by the board of commissioners, the directors of the Fulton County Department of Public Works, Department of the Environment and Community Development, and Department of Health.

Litter means all discarded sand, liquid, bulk waste, gravel, slag, brickbats, rubbish, waste material, tin cans, refuse, garbage, trash, debris, dead animals or discarded materials of every kind and description.

Litter receptacle shall mean a receptacle designed and constructed to receive, collect, store and contain litter in a lawful, convenient and spill-proof manner.

Owner shall mean any person, firm or corporation owning, leasing, renting, occupying, or managing any premises in unincorporated Fulton County or any area within the jurisdiction of the governing authority.

Person shall mean any individual, trust, firm, association, joint-stock company, corporation (including a government corporation), partnership, organization, municipality, commission, or political subdivision, or any agency, board, department, or bureau of this state or any other state or of the federal government.

Public or private property means the right-of-way of any road or highway; any body of water or watercourse or the shores or beaches thereof; any park, playground, building, refuge or conservation or recreation area, and residential or farm properties, timberland or forest.

Refuse means garbage, rubbish, or commercial solid waste.

Rubbish means discarded waste paper, cartons, boxes, wood, tree branches, yard trimmings, furniture, appliances, metals, cans, glass crockery, dunnage and/or similar materials.

Trash means any combustible and noncombustible nonputrescible solid waste, of a size and form which can be easily deposited in, and removed--by Fulton County personnel or lawfully removed by any other entity--from containers provided by the county or any other entity for the disposal and collection of solid waste from residences, and which includes paper, cardboard, small metal items or containers and packaging materials, and similar items normally accumulated in the care and maintenance of residential or commercial property.

Vegetative overgrowth means any and all uncultivated vegetative growth exceeding a height of 12 inches, as measured vertically from the surface of the ground, and covering a portion of any lot, tract or parcel of land which is not occupied by buildings, other structures or trees, but not including riparian vegetation located on any water frontage area.

Weeds means all rank, vegetative growth, including kudzu, poison ivy, plants of obnoxious odors, weeds and grasses causing hay fever or those which serve as a breeding place for mosquitoes and other unhealthy or undesirable insects or as a refuge for snakes, rats or other rodents or as a hiding place for filth, litter or trash or that create a fire or traffic hazard or provide a hiding place for persons.

(Ord. No. 98-0379, 3-4-98)

litter

Sec. 34-731. Dumping, depositing, etc., litter on public property or waters.

(a) It shall be unlawful for any person or persons to dispose, dump, deposit, throw, or leave or to cause or permit the dumping, depositing, placing, throwing, or leaving of litter on any public property or waters within unincorporated Fulton County or other areas within the jurisdiction of the governing authority, unless:

(1) The property is designated by Fulton County or the state or by any of its agencies or political subdivisions or municipalities for the disposal of litter and the person is authorized by the proper public authority to use such property; or

(2) The litter is placed into a litter receptacle or container lawfully installed on such property.

(3) The person is the owner or tenant in lawful possession of such property and the litter is disposed of in a manner consistent with the public welfare and in accordance with this article.

(b) *Restrictions on permission.* It shall be unlawful for the owner of any public property within unincorporated Fulton County or the owner's agent to intentionally and expressly give permission to

dump or otherwise place on that property, any garbage, trash or other materials or substances which may catch and retain rain water.

(c) Any person who violates this section shall be punished in accordance with section 34-742 of this article.

(Ord. No. 98-0379, 3-4-98)

State law references: Littering, O.C.G.A. § 16-7-40 et seq.; violation of county ordinances, O.C.G.A. § 36-1-20.

Sec. 34-732. Deposit of refuse on streets and sidewalks.

(a) No person shall deposit in any street or other public place in unincorporated Fulton County or other areas within the jurisdiction of the governing authority, any refuse of any type; provided, however, that earth and rubbish or building debris caused by construction may be allowed to lie in those places subject to law. It shall be lawful to place debris, such as twigs, small branches and similar matter, in the parkway between the sidewalk and the curbstone, provided the debris does not extend over the sidewalk so as to block pedestrian traffic or fall into or extend over the street so as to block pedestrian traffic or fall into or extend over the street so as to hinder vehicular traffic or make it difficult to use any motor-driven, roadway maintenance equipment.

(b) All persons engaged in the business of trimming or removing trees, shrubbery or similar growth shall remove from the property, where the work is being done, all sawdust, branches, stumps and all portions of the byproduct of the trimming or removal service and dispose of such materials in a lawful manner.

(c) All persons engaged in the business of landscaping, nurseries or yard maintenance and who shall contract with a property owner, the owner's agent or the occupant to improve the property, trim or remove shrubbery and trees or maintain yards shall remove from the property all rubbish, including rocks, dirt, glass, trimmings and other byproducts of that service and dispose of such materials in a lawful manner.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-733. Throwing trash upon streets, sidewalks or public places.

It shall be unlawful for any person to throw hulls, peelings, trash or other litter upon the streets, sidewalks or upon the floors of churches, public halls, theaters or other public places.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-734. Placing nails, tacks, glass on streets or sidewalks.

It shall be unlawful for any person to place on the street or sidewalks any loose nails, tacks, spikes, broken glass or any similar substance or thing which would be likely to injure the feet of persons or animals or cut or puncture tires of vehicles.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-735. Cleanliness of sidewalks.

It shall be the duty of all occupants and owners of improved property and owners of vacant property, in front of which the sidewalk area is paved or unpaved, to keep that area clean and to do such sweeping and scraping and cutting of grass or weeds and watering, pruning and maintaining planted material and planters as may be necessary to remove clay, dirt and trash therefrom and to render it passable, comfortable and sightly.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-736. Depositing materials on streets.

(a) *Private construction activity.* No person shall conduct, authorize, or carry out any construction activity on private property so as to cause any debris, dirt, sediment, soil, trash, building material, and other physical materials originating from the private property or construction activity, to deposit upon the surface of a street or highway and create an unsightly condition or a condition which may be injurious or hazardous to any person, animal or vehicle upon or using the street or highway.

(b) *Washing material onto street or highway.* No person shall permit any wood, dirt, mud, sand, rock, rubbish or any other material to wash from such person's property or the property of any person upon which such person is performing repairs, improvements, excavations or grading onto any street or highway within unincorporated Fulton County and/or areas within the jurisdiction of the governing authority of Fulton County so as to cause or permit this material to deposit upon the surface of the street or highway and create an unsightly condition or a condition which may be injurious or hazardous to any person, animal or vehicle upon or using the street or highway.

(c) *Removal required.* Any person who throws, drops or washes or permits to be thrown, dropped or washed onto the street or highway any of the items named or referred to in subsections (a) and (b) of this section shall immediately remove them or cause them to be removed.

(d) *Application to wrecked, damaged vehicles.* Any person removing a wrecked or damaged vehicle from a street or highway shall remove any glass, metal or other material dropped from the damaged vehicle upon the street or highway which may be hazardous to any person, animal or vehicle upon or using the street or highway.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-737. Assessments against private property of the cost of reopening, repairing, or cleaning of street and roads necessitated by construction activity; creation and enforcement of lien.

(a) The governing authority is empowered to assess against any property the cost of reopening or repairing any public way, street, road, right-of-way, or highway, or the cost of cleaning up from any public way, street, road, right-of-way, or highway any debris, dirt, sediment, soil, trash, building material, and other physical materials originating on such property, as a result of any private construction activity carried on by any developer, contractor, subcontractor, or owner of such property.

(b) Any assessment authorized under subsection (a) of this section, as well as the interest thereon and the expense of collection, shall be a lien against the property so assessed coequal with the lien of other taxes and shall be enforced in the same manner as are state and county ad valorem property taxes by issuance of a fi. Fa. and levy sale as set forth in Title 48, the "Georgia Public Revenue Code."

(Ord. No. 98-0379, 3-4-98)

State law references: O.C.G.A. § 36-1-18; Ga. L. 1981, p. 3259, §§ 1, 2)

Sec. 34-738. Transporting garbage, trash and other waste material in open vehicles.

It shall be unlawful for any person to operate or cause to be operated upon any public street in unincorporated Fulton County or any area under the jurisdiction of the governing authority, any open truck, wagon or other vehicle in and upon which garbage, trash, manure, waste material or other debris is transported, unless the vehicle shall be equipped with a cover that will prevent the garbage, trash, waste material and other debris from falling from the truck onto any street in unincorporated Fulton County and/or areas within the jurisdiction of the governing authority.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-739. Discharging water or other liquids.

No person shall throw or discharge from any lot or building any water, fluid or liquid substance so as to injuriously affect the surface of the street or sidewalk or so to make it unsafe for travel.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-740. Newspapers distributed without charge.

Newspapers may be distributed without charge to private residential premises so long as upon any request from a person to be removed from the company's distribution list, the name is removed. Any person who distributes a newspaper or any entity that causes a newspaper to be distributed after having received notice from a person to be removed from the distribution list shall be in violation of this article.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-741. Spills from vehicles.

(a) *Grading contractors.* A vehicle used by a contractor carrying or grading and hauling dirt in unincorporated Fulton County or any area within the jurisdiction of the governing authority shall be equipped with a cover that prevents dirt from spilling and/or blowing out of the vehicle carrying such dirt. When the contractor shall have finished grading, the contractor shall then clean all dirt off the streets as may have been dropped by the contractor's vehicles. If the work of a contractor has rendered the streets muddy or dusty, all those streets shall be left in as good condition as they were at the time of commencement of the work by the contractor. The cleaning described in this subsection is to be done to the satisfaction of the director of public works or that official's designee.

(b) *Concrete, gravel, sand or asphalt haulers.* Any person engaged in hauling ready-mixed concrete, gravel, sand or asphalt within the jurisdiction of the governing authority of Fulton County shall so fill any vehicle carrying such ready-mixed concrete, gravel, sand or asphalt so as to not allow spillage from the vehicle on streets or sidewalks within unincorporated Fulton County and/or areas within the jurisdiction of the governing authority. Vehicles hauling sand or gravel shall be provided with suitable covers to prevent materials from blowing from the vehicles. Any person responsible for any spillage from hauling vehicles shall take immediate action to remove the spillage from the streets or sidewalks.

(Ord. No. 98-0379, 3-4-98)

State law references: O.C.G.A. § 36-1-18.

littering**Sec. 34-742. Penalties for littering public property or waters.**

Any person who **litters** public property or waters shall be guilty of a misdemeanor and, upon conviction thereof, shall be punished as follows:

- (1) If **litter** is ten pounds in weight or less or 15 cubic feet in volume or less, by a fine not more than \$500.00 or no more than 30 days in jail or both.
- (2) If **litter** is in excess of ten pounds in weight or 15 cubic feet in volume, shall be fined \$1,000.00 or no more than 60 days in jail or both for each occurrence; and each occurrence shall be deemed a separate offense.
- (3) In addition to the fines set out in subsections (1) and (2) above, the violator shall reimburse Fulton County for the reasonable cost of removing the **litter** when the **litter** is removed by Fulton County or its agents; and
- (4) In the sound discretion of a court in which a conviction is obtained, the violator may be directed to pick up and remove from any public street or highway or public right-of-way for a

distance not to exceed one mile any **litter** the person has deposited and any and all **litter** deposited thereon by anyone else; and

(5) In the sound discretion of the judge of a court in which a conviction is obtained, the violator may be directed to pick up and remove from any public property, right-of-way, or such property, upon which it can be established that the violator has deposited **litter**, any and all **litter** deposited thereon by anyone; and/or repair or restore property damaged by such **littering**.

(6) The court may publish the names of persons convicted of a violation under this section.

(Ord. No. 98-0379, 3-4-98)

Cross references: Duty of owner to clean property, § 26-3.

State law references: Chattahoochee River Basin Act, O.C.G.A. § 12-5-400; Metropolitan River Protection Act, O.C.G.A. § 12-5-440; violations of county ordinances, O.C.G.A. § 15-10-60; maximum penalty for violating county ordinances, O.C.G.A. § 36-1-20.

Sec. 34-743. Maintenance of property.

(a) *Required.* Every person owning or occupying public or private property in unincorporated Fulton County shall maintain the property free of any condition which may render the premises or property to be unhealthy, unsanitary, unsightly or unaesthetic to the occupants thereof, the neighborhood or the community at large.

(b) *Conditions in violation.* Because they are deemed to be conducive to breeding or harboring of harmful germs or to the breeding or harboring of insects, snakes, rodents, lizards or similar or undesirable living pests and carriers of harmful germs or poisons or to the harboring of undesirable persons or illicit activities and are in violation of the general public health, safety, welfare and well-being, the existence of any one of the following conditions on property within unincorporated Fulton County shall be a violation of this section and this article:

- (1) Uncontainerized garbage or uncovered garbage containers of all kinds and types.
- (2) Trapped **litter** or any other improperly containerized solid waste.
- (3) Exterior storage of junk or other unsightly materials.
- (4) The existence of weeds and vegetative overgrowth.
- (5) The existence, storage or accumulation of garbage, hazardous, putrescible solid waste or rubbish.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-744. Inspection of property.

(a) *Inspection of premises/right of entry.* The director of the Fulton County Department of Public Works or any duly authorized agent of the department of public works, or any department of Fulton County as directed or authorized by the county manager, may enter on and inspect any and all public and private property in unincorporated Fulton County, at any reasonable time after the presentation of proper credentials, to determine by inspection that those properties are or are not free of any condition which may be in violation of this article. For the purpose of this duty, employees of the department of public works, the department of environment and community development, including, but not limited to code enforcement officers, or subsequent classification titles performing the same duties, or employees of any department as authorized by the county manager, or members of the public duly appointed by the governing authority of Fulton County to perform **litter** enforcement duties, are clothed with police powers and shall be designated as special officers of Fulton County. Any act of obstructing an inspection hereunder shall constitute a violation of this article and subject the interferer to penalties authorized by section 34-742 or section 34-746 depending on the nature of the property.

(b) *Notice of unsanitary conditions.* Upon the determination--through inspection by the director of the

Fulton County Department of Public Works or his agent or designee, or any duly authorized agent or department of Fulton County as directed or authorized by the county manager or the governing authority--that any property within unincorporated Fulton County is in violation of this article, the director of public works or his agent or designee, or any duly authorized agent or department of Fulton County as directed or authorized by the county manager or the governing authority, shall give written notice to the owner or agent of the owner of the property of the condition found. Such notice shall set forth the condition of the property, the specific violation of this article and the remedial action to be taken. The notice to the owner or agent shall include a time certain in which the violation is to be abated, but not more than ten days from date of receipt of the notice by the owner or agent. All notices shall be sent by personal service or sent by registered or certified mail, return receipt requested, to the last known address as listed in the official tax register of the county or records of the secretary of state. Upon failure of the owner or agent to abate the violation cited within the time set forth in the notice, the property owner or agent shall be held accountable for violating this article.

(c) *Citations issued.* Nothing in this section is intended to prevent the immediate issuance of a written citation pursuant to section 34-748 of this article for violation of this article.

(Ord. No. 98-0379, 3-4-98)

Cross references: Nuisance abatement authorized, §§ 26-3, 34-363.

litter

Sec. 34-745. Throwing litter upon private property and waters.

Prohibited. It shall be unlawful for any person to throw hulls, peelings, trash, bottles, cans or other **litter** upon the private property or waters of another within unincorporated Fulton County.

(Ord. No. 98-0379, 3-4-98)

littering

Sec. 34-746. Penalties for littering private property or waters.

Penalties. Any person who **litters** private property or waters in unincorporated Fulton County shall be guilty of a misdemeanor and, upon conviction thereof, shall be punished as follows:

- (1) Where the volume of trash thrown is less than 30 gallons, the violation of this section shall subject the violator to a fine not more than \$500.00 or no more than 30 days in jail or both. Each day a violation continues shall constitute a separate violation.
- (2) Where the volume of trash thrown exceeds 30 gallons, the violation of this section shall subject the violator to mandatory penalties as follows:
 - a. *First offense.* A fine of \$1,000.00.
 - b. *Second offense.* A fine of \$1,000.00 and confinement in jail for a period not to exceed 30 days.
 - c. *Third or more offense.* A fine of \$1,000.00 and confinement in jail for a period not to exceed 60 days.
 - d. Each day a violation continues shall constitute a separate violation.
- (3) In addition to the penalties in this subsection, the following penalties may be imposed:
 - a. *First offense.* The violator may be directed to pick up and remove from any public street or highway or any public right-of-way for a distance not to exceed one-half mile any and all **litter** deposited thereon by anyone prior to the date of execution of sentence.
 - b. *Second offense.* The violator may be directed to pick up and remove from any public street or highway or any public right-of-way for a distance not to exceed one mile any and all **litter** deposited thereon by anyone prior to the date of execution of sentence.
 - c. *Third or more offense.* The violator may be directed to pick up and remove from any public park, private right-of-way or, with the prior permission of the legal owner or tenant in lawful possession of such property, any private property, upon which it can be

established by competent evidence that the violator has deposited or dumped **litter**, any and all **litter** deposited or dumped thereon by anyone prior to the date of the execution of sentence.

d. *Publication of names.* The court may publish the names of persons convicted of a violation under this section.

(Ord. No. 98-0379, 3-4-98)

State law references: O.C.G.A. § 16-7-43; O.C.G.A. § 36-1-20.

Sec. 34-747. Prima facie evidence; rebuttable presumptions.

(a) Whenever **litter** is thrown, deposited, dropped, or dumped from any motor vehicle, boat, airplane, or other conveyance in violation of this article, it shall be prima facie evidence that the operator of the conveyance has violated this article.

(b) Whenever any **litter** is dumped, deposited, thrown, or left on public or private property in violation of this article is discovered to contain any article or articles, including but not limited to letters, bills, publications, or other writings which display the name of a person thereon in such a manner as to indicate that the article belongs or belonged to such person, it shall be a rebuttable presumption that such person has violated this article.

(Ord. No. 98-0379, 3-4-98)

Sec. 34-748. Enforcement.

(a) Unless otherwise specifically provided by resolution of the Fulton County Board of Commissioners, the enforcement of this article shall be within the jurisdiction of the county's enforcement personnel, including the director of the department of public works or his or her designees or employees and all law and code enforcement personnel who shall have such powers as are reasonably necessary to enforce and give effect to this article. Specifically, but not by way of limitation, any violation of this article may be tried upon citations issued by enforcement personnel pursuant to O.C.G.A. § 15-10-63 and any successor statute. Persons designated by the director of public works or as otherwise designated by the county manager or the governing authority, are hereby authorized to issue citations or summons or both, charging violations under this article, returnable to Magistrate Court, or any court having jurisdiction of a commitment court throughout the entire county, for a hearing.

(b) For purposes of enforcing the provisions of this article, any Fulton County Magistrate Court, including the Environmental Court, shall be entitled to take such action to ensure compliance, and the person convicted shall reimburse Fulton County for any cost or expense associated with such compliance efforts and Fulton County shall be entitled to place a lien on the property or require a bond from the person to secure payment and reimbursement for these expenses.

(c) The provisions of [this] article shall be enforced by the Fulton County Department of Public Works with assistance as needed from the Fulton County Police Department, the Fulton County Department of Health, and the department of the environment and community development and/or as otherwise designated by the county manager or the governing authority.

(Ord. No. 98-0379, 3-4-98)

State law references: O.C.G.A. § 36-1-17; O.C.G.A. § 36-1-18.

Secs. 34-749--34-800. Reserved.

Appendix E

RECEIVED EC 16 1993

SOLID WASTE COLLECTION

&

DISPOSAL ORDINANCE

**FULTON COUNTY
BOARD OF COMMISSIONERS**

**Mitch J. Skandalakis, Chairman
Michael Hightower, Vice-Chairman
Gordon Joyner, Commissioner
Tom Lowe, Commissioner
Emma I. Darnell, Commissioner
Nancy Boxill, Commissioner
Robert Fulton, Commissioner**

Robert J. Regus, County Manager

BOARD OF COMMISSIONERS

FULTON COUNTY

ATLANTA, GEORGIA

ORDINANCE ENTITLED: "SOLID WASTE COLLECTION AND DISPOSAL SERVICES"

READING AND ADOPTION: _____

At the regular meeting of the Fulton County Board of Commissioners held in the Commission Meeting Room, Atlanta, Georgia

_____ PRESENT:

_____ motion of, which carried, the following Ordinance was adopted:

AN ORDINANCE FOR SOLID WASTE COLLECTION AND DISPOSAL SERVICES AND FOR OTHER PURPOSES.

BE IT ORDAINED by the Fulton County Board of Commissioners, this 4th day of December, 1996 that the Fulton County Codes be, and it is, hereby amended for purposes of administration and efficiency but without substantive changes by adoption of the attached Ordinance, to become effective January 1, 1997, entitled "Solid Waste Collection and Disposal Services," Hauling Contractors shall have forty-five (45) days from the effective date of this Ordinance to comply with the registration application provisions, with full compliance by _____, 1997.

ATTEST:

Justin Boyd
Clerk

By: Mitch Skandalakis
Mitch Q. Skandalakis, Chairman
Fulton County Board of
Commissioners

APPROVAL AS TO FORM:

Susan B. Fawcett
County Attorney's Office

ITEM #1223 RM 12/4/96, A.M.

**FULTON COUNTY
SOLID WASTE COLLECTION AND DISPOSAL SERVICES**

Article I. Enactment Authority.

The Board of Commissioners of Fulton County, Georgia under the authority of Article 9, Section 2, Paragraphs 1 and III of the Constitution of the State of Georgia (1983) and O.C.G.A. Title 12, Chapter 8, Article 2 hereby ordains and enacts into law this Ordinance.

Article II. Title.

This Ordinance shall be known as "The Solid Waste Collection and Disposal Ordinance of Fulton County, Georgia."

Article III. Purpose.

The Fulton County Board of Commissioners hereby declares the purposes of this Ordinance are to:

- (1) Establish a uniform, equitable and consistent procedure for regulating the collection and disposal of Solid Waste in unincorporated Fulton County;
- (2) Comply with the Solid Waste Management Act of 1990 as amended, including reducing of the amount of Solid Waste entering landfills by 25 percent and the beneficial reuse of yard trimmings;
- (3) Protect the public health, safety and welfare of its citizens and the environment;
- (4) Establish minimum standards for residential collection of Solid Waste by Hauling Contractors; and
- (5) Prohibit Illegal Dumping of Solid Waste in unincorporated Fulton County.

Article IV. Definitions.

Sec. 1-2001. Definitions.

Collection The aggregating of Solid Waste from its principal source and includes all activities up to such time as the Solid Waste is delivered to the place at which it is processed or disposed.

Commercial Establishment. Any hotel, motel, apartment building, rooming house, business, industrial, public or semi-public establishment of any nature or kind whatsoever other than a one or two family dwelling unit or condominium.

Composting. The controlled biological decomposition of organic matter into a stable, odor free humus.

Construction/Demolition Waste. Discarded building materials and rubble resulting from construction, remodeling, repair, and demolition operation of pavements, houses, commercial buildings and other structures. Such wastes include, but are not limited to asbestos containing waste, wood, bricks, metal, concrete, wallboard, paper, cardboard, inert waste, landfill material, and other nonputrescible wastes which have a low potential for groundwater contamination.

Disposal Facility. Any facility or location where the final disposition of Solid Waste occurs and includes but is not limited to landfill and solid waste thermal treatment technology facilities.

Dispose. To discharge, deposit, inject, dump, place or get rid of any Solid Waste into, or on any land, or water so that such Solid Waste or any constituent thereof may enter into the environment to transfer to the control of another.

Garbage. All household or domestic waste, including waste from the preparation and cooking of food, vegetable, fruit, and meat scraps, ashes, cans and bottles, paper, floor sweepings, cardboard, and other such material to be disposed of from residents, churches, schools, office buildings, business establishments and similar places.

Governing Authority. Fulton County, its Board of Commissioners, and where delegated by the Board of Commissioners, the directors of the Fulton County Department of Public Works and Department of Health.

Hauling Contractor. Any Person, firm, association, entity, or organization who collects, removes, or dispose of Solid Waste, other than his own, whether or not under a written contract and whether or not for compensation.

Illegal Dumping. To dispose of any Solid Waste in a manner that is not in accordance with this Ordinance, state laws and federal regulations, rules, and orders.

Industrial Waste. Solid Waste generated by manufacturing or industrial processes or operations that is not a hazardous waste regulated under the Georgia Hazardous Waste Management Act. Such wastes include, but are not limited to waste resulting from the following manufacturing processes: Electric power generators; fertilizer and agricultural chemicals; food related products; leather and leather products; nonferrous metal and foundry products organic chemicals, plastics and resins; pulp and paper; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textiles; transportation equipment; and water treatment. This term does not include mining waste or oil and gas waste.

Landfill. A method of disposing of Solid Waste, other than putrescible waste of hazardous wastes, on land by placing an earth cover thereon.

Open Dump. A disposal facility of which Solid Waste from one or more sources is consolidated and left to decompose, burn or otherwise create a threat to human health or the environment.

Owner. Any person, firm or corporation owning, leasing, renting, occupying, or managing any premises in the jurisdiction of the Board of Commissioners of Fulton County.

Person. Any individual, trust, firm, association, joint-stock company, corporation (including a government corporation), partnership, organization, municipality, commission, or county, or any agency, board, department, or bureau of this state or any other state or of the federal government.

Plastic Bag. A polyethylene or other heavy duty plastic bag meeting the National Sanitation Foundation Standard of at least 1.5 mils and not exceeding a thirty gallon capacity, with securing twist ties.

Putrescible Waste. Wastes that are capable of being decomposed by micro-organisms. Examples of putrescible waste include but are not necessarily limited to kitchen wastes, animal manure, offal, hatchery and poultry wastes, and garbage.

Recovered Material. Those materials which have known use, reuse, or recycling potential; can be feasibly used, reused, or recycled; and have been diverted or removed from the Solid Waste stream for sale, use, reuse, or recycling, whether or not requiring subsequent separation and processing.

Recycling. Any process by which materials which would otherwise become Solid Waste are collected, separated, or processed and reused or returned to

use in the form of raw materials or products.

Registered Contractor. A Hauling Contractor duly registered by the Fulton County Department of Public Works as having met all criteria necessary to provide Solid Waste Handling in unincorporated Fulton County.

Residential Unit. Any freestanding structure or shelter or any part thereof used or constructed for use as a residence for one (1) family.

Sanitary Landfill. A disposal site where putrescible solid wastes are disposed of by means of placing an earth cover thereon and which is approved by the Georgia Department of Natural Resources for such purposes.

Solid Waste. Any garbage, construction/demolition waste, industrial waste, industrial putrescible waste, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility; and other discarded material including solid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and community activities, but does not include recovered materials; solid or dissolved materials in domestic sewage; solid or dissolved materials in irrigation return flows or industrial discharges that are point sources subject to permit under 33 U.S.C. Sec. 1342; or source, special unclear, or by-product material as defined by the federal Atomic Energy Act of 1954, amended (68 Stat. 923).

Solid Waste Handling. The storage, collection, transportation, treatment, utilization, processing or disposal of Solid Waste or any combination of such activities.

Solid Waste Handling Facility. Any facility the primary purpose of which is the storage, collection, transportation, treatment, utilization, processing, or disposal, or any combination thereof, of Solid Waste. Such a facility shall not include one handling the processing of Recovered Material.

Yard Trimmings. Leave, brush, grass clippings, shrub and tree pruning, discarded Christmas trees, nursery and greenhouse vegetative residuals, and vegetative matter resulting from landscaping development and maintenance other than mining, agricultural and silvicultural operations.

Article V. Scope of Ordinance .

Sec. 1-2002A. General. The provisions of this Ordinance apply to all Persons presently engaged in Solid Waste Handling in unincorporated Fulton County and all Hauling Contractors doing business or proposing to do business in unincorporated

Fulton County.

- (a) This Ordinance shall apply to unincorporated Fulton County only.
- (b) No Person shall engage in Solid Waste Handling except in such manners as to conform to and comply with this Ordinance and all applicable Fulton County, State and Federal legislation, rules, regulation and orders.
- (c) No Solid Waste may be disposed of by any Person in an open dump, nor may any Person cause, suffer, allow or permit open dumping on his property as defined by the Rules of the Georgia Department of Natural Resources, EPD, Chapter 391-3-4-04.
- (d) No owner or occupant shall allow the accumulation of Solid Waste on premises under his or her control or about his or her residential unit or commercial establishment, where such Solid Waste creates or may create a health hazard to neighbors or other citizens, or is unsightly, or emits foul, unpleasant, or harmful odors which constitute either a public or private nuisance.
- (e) It shall be a violation of this Ordinance for any Person to place or cause to be placed for collection, any acid, explosive material, inflammable liquids or dangerous or corrosive material of any kind.
- (f) It shall be a violation of this Ordinance to dispose of any Solid Waste by Illegal Dumping on public right-of-ways, public parks, or any public facilities in unincorporated Fulton County.
- (g) It shall be a violation of this Ordinance to place Yard Trimmings in or mixed with Solid Waste.
- (h) It shall be a violation of this Ordinance to place Yard Trimmings in Plastics Bags for collection.
- (i) Neither operation nor application of this Ordinance shall be waived, abridged, or otherwise limited in scope or effect by any contract between Hauling Contractors, customers, or any other Person falling within the jurisdiction of this Ordinance; nor shall this Ordinance grant, bestow or otherwise guarantee any rights not contained in any such contract, nor expose Fulton County to any liability whatsoever.

Sec. 1-2002B. Persons. All Persons shall engage in Solid Waste Handling in unincorporated Fulton County in the manner proscribed in this Ordinance.

- (a) Solid Waste Handling within unincorporated Fulton County shall be

conducted only by Hauling Contractor(s) duly registered with the Fulton County Department of Public Works, unless otherwise exempt by Article VI of this Ordinance.

(b) Failure by a resident to provide evidence (receipts, contracts, canceled checks, or other proof of payment) of proper disposal upon request by Fulton County officials shall be a violation of this Ordinance, punishable as set forth in Article X of this Ordinance.

Sec. 1-2002C. Hauling Contractors. No Person shall collect and/or dispose of Solid Waste for a fee in unincorporated Fulton County without first obtaining all required permits and registering with the Fulton County Department of Public Works.

Article VI. Exemptions.

Sec. 1-2003A. Provisions of this Ordinance shall not apply to any resident of unincorporated Fulton County disposing of Solid Waste in a manner that is not conducive to insect and rodent infestation or the harboring and feeding of wild dogs or other animals; impair the air quality; impair the quality of the ground or surface waters; impair the quality of the environment; or likely create other hazards to the public health, safety, or well being as may be determined by the Director of Public Works or his or her designee or the Director of the Health Department or his/ her designee and the resident is:

(a) disposing of Solid Waste originating from the resident's primary home onto land or facilities owned by the resident; or

(b) disposing of Solid Waste by self-hauling directly to a Disposal Facility or to a Commercial Establishment owned by the resident.

Sec. 1-2003B. This Ordinance shall not apply to any Person disposing of livestock feeding facility waste from facilities with a total capacity of up to 1,000 cattle or 5,000 swine. If such Person shall provide an approved waste disposal system which is capable of properly disposing of the run off from a "twenty-five year storm" and which complies with the Environmental Protection Division of the Georgia Department of Natural Resources Solid Waste regulations, such person shall be further exempt regardless of total per head capacity. Nothing in this Ordinance shall limit the right of any person to use poultry or other animal manure for fertilizer.

Sec. 1-2003D. Composting of Yard Trimmings is expressly allowed or permitted pursuant to this Ordinance.

Sec. 1-2003E. Dead animals shall be disposed of pursuant to State law.

Article VII. Requirements for Registration with Fulton County.

Sec. 1-2004. General. All Hauling Contractors must meet the minimum requirements annually as are set forth herein in order to engage in Solid Waste Handling within unincorporated Fulton County.

Sec. 1-2004A. Registration Requirements. During any time that Hauling Contractors are engaging in Solid Waste Handling in unincorporated Fulton County, Hauling Contractors must have registered with the Fulton County Department of Public Works by obtaining and providing the following items:

(1) EPD Permit. A Solid Waste Handling permit from the Director of the Environmental Protection Division of the Georgia Department of Natural Resources or any successor agency authorized to issue permits pursuant to Official Code of Georgia §12-8-24.

(2) Fulton County Health Department Permit. A copy of the permit required by the Fulton County Health Department pursuant to Fulton County Code of Laws § 30-2-8, as amended.

(3) Insurance. Provide to the Fulton County Department of Public Works proof of insurance as follows:

1. Comprehensive general liability insurance - \$500,000.
2. Vehicle liability.
 - a) \$500,000 limit per occurrence for bodily injury and property damage.
 - b) Comprehensive covering all owned, non-owned and hired vehicles.
 - c) All insurance contracts must specify vehicles for "solid waste collection"
3. Umbrella liability insurance coverage at least as broad primary coverage in an amount of \$1,000,000.

All comprehensive general liability, vehicle liability, and umbrella liability policies shall be maintained and shall remain effective for the full duration of Registration.

(4) Performance Bond. All Hauling Contractors shall, prior to engaging in Solid Waste Handling in unincorporated Fulton County, post with the Department of Public Works a performance bond in the amount of \$10,000. Alternatively, Hauling Contractors may provide an irrevocable letter of credit in the amount of \$10,000 in lieu of bond.

(5) Indemnification. Registered Contractors shall certify to Fulton County by duly notarized letter that it will, at its sole cost and expense, fully indemnify, defend and hold harmless the County, its officers, boards, commissioners, employees, and agents against any and all claims, suits, actions, liability and judgments from third parties, its affiliates, its subsidiaries, or agents, including subcontractors for damages which may be the result of willful, negligent or tortious conduct or operations arising out of the business of collection, transportation and disposal of Solid Waste, whether or not the action or omission complained of is authorized, allowed or prohibited by this Ordinance or is covered by insurance or performance bond.

Sec. 1-2004B. Reporting Requirements. Within Thirty (30) days following the close of each quarter of operation, Registered Contractors shall submit to the Director of the Department of Public Works or his or her designee for reporting to the Georgia Department of Community Affairs, reports of operation showing the following for unincorporated portions of Fulton County:

- a. Tonnage figures showing total Solid Waste tonnage collected for household garbage, and trash; and
- b. Documentation showing that Yard Trimmings and recyclables collected are being processed as Recovered Material;

Article VIII. Service Requirements.

Sec. 1-2005A. Residential Services. All Registered Contractors for Solid Waste Handling shall provide the minimum following services:

- (a) Weekly curbside collection of Solid Waste.
- (b) At least once every other week curbside recycling, including container, and Yard Trimmings collection. Handling of Yard Trimmings in unincorporated Fulton County shall be carried out in accordance with the following restrictions:

- 1) Yard Trimmings shall not be placed in or mixed with Solid Waste;

2) Yard Trimmings shall not be disposed of in Solid Waste Disposal Facilities that have liners and leachate collection systems or that requires vertical expansion;

3) Yard Trimmings shall be sorted and stored for collection in a manner that facilitates collection, composting, or other lawful handling. Collection of Yard Trimmings in Plastic Bags is prohibited;

4) Upon collection, Yard Trimmings shall be sorted and stockpiled until it is recycled ultimately by recycling by chipping, mulching, composting, or other beneficial use;

5) Landfill disposal of Yard Trimmings is prohibited.

(c) Inoperative, privately used worn out household appliances (e.g., refrigerators, stoves, air conditioning units, washing machines, dryers) and discarded furniture shall be collected at the curbside as needed by the Registered Contractor, at an agreed upon fee between Registered Contractor and customer.

(d) Nothing in this Ordinance is intended to prohibit the Registered Contractor from offering discounts or additional services to senior citizens 65 years or older or the disabled.

(e) Nothing in this Ordinance shall prevent customers from contracting with Registered Contractors for additional services.

(f) Registered Contractors are encouraged to offer incentive based pricing in order to increase participation in curbside recycling.

Sec. 1-2005B. Commercial Services. Hauling Contractors performing commercial services are subject to the same requirements of Solid Waste registration under Article VII of this Ordinance as Hauling Contractors perform residential services. However, when Hauling Contractors are engaged in the performance of commercial services, they are not required to comply with the minimum standards set forth in Section 1-2005A above, nor the bonding requirements of Sec. 1-2004A, (4).

Sec. 1-2005C. List of Registered Contractors. A list of all current Registered Contractors will be available for public inspection in the office of the Clerk of the Board of Commissioners and in the Department of Public Works at all times.

Article IX. Termination/Revocation of Registration and/or Permits.

Sec. 1-2006A. General. Registration may be terminated by mutual agreement of Fulton County and Registered Contractor. Registered Contractors shall terminate registration by giving thirty (30) days notice to the Director of the Department of Public Works as well as its customer prior to such termination.

Sec. 1-2006B. The Director of Public Works The Director of Public Works shall notify the Registered Contractor of violations of this Ordinance. If the Registered Contractor fails to comply with any of the provisions of this Ordinance within seven (7) days of notification, or at the discretion of the Director of the Department of Public Works, a hearing shall be held before the Director of Public Works, with the Registered Contractor being notified in writing of the time and place of the hearing and the violation of this Ordinance which has not been corrected. Registered Contractor shall be given the opportunity to appear by representative or counsel to answer any such charge by the Director of Public Works or his/her designee. Should the Director of Public Works determine that any of the provisions of this Ordinance have been violated by the Registered Contractor, the Director of Public Works shall have at his/her discretion, after the findings of the hearing, the right to render a decision revoking registration or provide for probation of the Registered Contractor within seven (7) days of the decision of the Director of Public Works. The Registered Contractor shall have the right to appeal in writing the decision of the Director of Public Works to the County Manager or his/her designee within seven (7) days of the decision of the Director of Public Works. A hearing shall be held by the County Manager. The decision of the Director of Public Works shall be held in abeyance pending the final decision of the County Manager. After such hearing, the decision of the County Manager shall be final. At the discretion of the County Manager, the Registered Contractor shall be deemed to have forfeited his/her performance bond. The Director of Public Works shall be instructed to proceed with calling the bond or any part thereof to be forfeited and may use the proceeds to remedy the violation(s) of this Ordinance as he/she deems fit.

Article X. Penalties.

Sec. 1-2007A. In addition to the provisions of Article IX, any Person violating any provision of this Ordinance may be fined up to \$500.00 per violation after a hearing in the Fulton County Environmental Court or Magistrate Court. Each day a violation continues shall constitute a separate violation.

Sec. 1-2007B. Fulton County, upon violation of the provisions of this Ordinance, shall be entitled to take such remedial action to ensure compliance and, any Person convicted shall reimburse Fulton County for any cost or expense associated with

compliance efforts and Fulton County shall be entitled to place a lien on the property to secure payment and reimbursement for these expenses.

Sec. 1-2007C. Any Hauling Contractor who is found to have violated any of the provisions of this Ordinance by the Fulton County Environmental Court or Magistrate Court shall be subject to the same penalties herein and may also be restrained from operating as a Registered Contractor and a civil action may be filed by the governing authority.

Article XI. Enforcement.

Sec. 1-2008A. Violations of any provisions of this Ordinance shall be reported initially to the Director of the Department of Public Works or his or her designee, who is charged with the administration of all sections herein.

Sec. 1-2008B. The provisions of this Ordinance regarding the issuance of Health Department permits shall be enforced by the Fulton County Health Department.

Sec. 1-2008C. The provisions of this Ordinance regarding Solid Waste Handling shall be enforced by the Fulton County Department of Public Works with assistance as needed from the Fulton County Police Department and the Fulton County Department of Health.

Sec. 1-2008D. The provisions of this Ordinance regarding application for and termination of Registration shall be enforced by the Department of Public Works.

Sec. 1-2008E. The provisions of this Ordinance regarding the disposal or on-site burial of Solid Waste shall be enforced by the Georgia Department of Natural Resources Environmental Protection Division or the Department of Public Works.

Article XII. Severability.

Sec. 1-2009. In the event any section, subsection, sentence, clause or phrase of this Ordinance is declared or adjudged or unconstitutional, such adjudication shall in no manner affect any other section, subsection, sentence, clause or phrase, which shall remain in full force and effect as if the section, subsection, sentence, clause or phrase so declared or adjudged invalid or unconstitutional were not originally a part hereof.

Article XIII. Repeal of Conflicting Ordinances.

Sec. 1-2010. All ordinances, resolutions and parts of ordinances or resolutions in direct conflict with this Ordinance are hereby repealed.

Article XIV. Liability.

Sec. 1-2011. Neither the approval or granting of Registration under the provisions of this Ordinance, nor the compliance with the provisions of this Ordinance shall relieve any person from the responsibility for damage to any person or property otherwise imposed by law nor impose any liability upon the Governing Authority for damage to any person or property.

Article XV. Health Department Code.

Sec. 1-2012. Fulton County Code of Laws Title 30 Health and Welfare Sec. 30-2-8. as attached hereto and incorporated herein by reference.