# SOLID WASTE MANAGEMENT PLAN CITY OF CHATTAHOOCHEE HILLS, GEORGIA 2010 - 2020



Draft August 3, 2010

## TABLE OF CONTENTS

#### Section 1 INTRODUCTION

	1.1 1.2 1.3 1.4 1.5 1.6 1.7	Planning Area Persons Responsible for the Plan Topographic Information/Unique Features Population Seasonal Population Variation Number of Households Economic Activity	3 4 4 4 5 5
Section 2	WAS	TE DISPOSAL STREAM ANALYSIS	
	2.1 2.2 2.3 2.4 2.5 2.6 2.7	Disposal Rates Inventory of Waste Disposed Waste Characterization Unique Conditions and/or Seasonal Variations Waste Generating Disasters Projections of Waste to be Disposed Per Capita MSW Disposal Reduction Goal	5 6 6 7 7 7
Section 3	WAS	TE REDUCTION ELEMENT	
	3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8	Inventory of Waste Reduction Programs Source Reduction Programs Recycling Programs and Facilities Yard Trimmings Programs & Facilities Items Requiring Special Handling Contingency Strategy Assessment of Waste Reduction Programs Needs and Goals	8 8 9 9 9 9
Section 4	COLL	ECTION ELEMENT	
	4.1 4.2 4.3 4.4 4.5 4.6 4.7	Inventory of Existing Programs Drop-Off Convenience Centers/Curbside Collection Yard Trimmings and Bulk Item Collection Illegal Dumping/Littering Contingency Strategy/Natural Disaster-Emergency Situation Assessment of Collection Programs Needs and Goals	10 10 11 11 11 11
Section 5	DISP	OSAL ELEMENT	
	5.1 5.2 5.3 5.4	Inventory of Solid Waste Disposal Facilities Assurance of Ten Year Capacity Contingency Strategy/Natural Disaster-Emergency Situation Needs and Goals	12 13 13 13
Section 6	LAND	D LIMITATION ELEMENT	
	6.1	Natural Environmental Limitations	14

	6.2 6.3 6.4	5	16 17 19	
Section 7	EDUC	ATION AND PUBLIC INVOLVEMENT		
	7.1 7.2	Inventory and Assessment Needs and Goals	19 19	
Section 8	IMPLE	EMENTATION STRATEGY		
	8.1	Implementation Strategy/Short Term Work Program	20	
LIST OF TAB	LES			
Table Table Table Table Table	2 Estima 3 Waste 4 Estima 5 Dispos 6 Dispos	ation Estimates and Projections ated Disposal Rates by Sector ated and Projected Waste Amounts & Composition sal Projections sal Facilities mentation Strategy Work Program	4 6 7 8 12 21	

#### APPENDIX

Adopting Resolution Disposal Capacity Assurance Letter Definitions Solid Waste Ordinances and Contracts Georgia Recycling Markets Directory (Fulton County/Douglas County/Coweta County) Maps

## Section 1 INTRODUCTION

The City of Chattahoochee Hills was incorporated in December 2007 and subsequently adopted the Fulton County Solid Waste Management Plan. As a result, that plan will remain in effect until this new Solid Waste Management Plan is officially adopted by the Mayor and City Council. The planning period of this new plan has been adjusted to cover the period 2010- 2020.

The Comprehensive Solid Waste Management Act of 1990 requires that each local government in Georgia develop independently, or be included in, a Comprehensive Solid Waste Management Plan. The purpose of solid waste plans is to provide local officials with a long-range "blueprint" regarding the provision of solid waste management services such as collection, disposal, and recycling. This plan represents Chattahoochee Hills's participation in and contribution to Georgia's solid waste management strategy as set forth in the Solid Waste Management Act of 1990 and Georgia's Solid Waste Management Plan.

The Solid Waste Management Act requires that each plan:

- Provide for the assurance of adequate solid waste collection capability and disposal capacity within the planning area for at least ten (10) years from the date of plan completion.
- Promote a program to reduce the per capita rate of municipal solid waste disposed in solid waste facilities.
- Identify solid waste handling facilities within the plan's area as to size and type.
- Identify land areas in the planning area unsuitable for solid waste handling facilities based on environmental and land use factors.

In accordance with the Minimum Planning Standards and Procedures for Solid Waste Management, the City of Chattahoochee Hills conducted an initial public hearing on December 1, 2009. A second Public Hearing was conducted on August 3, 2010, prior to submitting the draft plan to the Atlanta Regional Commission (ARC) and the Georgia Department of Community Affairs (DCA) for review and approval.

#### 1.1 PLANNING AREA

The City of Chattahoochee Hills, Georgia, is the planning area for this solid waste management plan. Chattahoochee Hills, with an estimated population of 2,800, is located in Fulton County and one of seven cities within southern Fulton County. The City encompasses approximately 52 square miles. A general location map is included in the Appendix.

## 1.2 PERSONS RESPONSIBLE FOR THE PLAN

The persons responsible for the preparation, maintenance, and administration of the solid waste management plan are:

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## 1.3 TOPOGRAPHIC INFORMATION/UNIQUE FEATURES

Chattahoochee Hills is located within the Piedmont region of Georgia. A topographic map of the Chattahoochee Hills area is included in the Appendix. There are no unique land features within the City that would impact the provision of solid waste services.

## 1.4 POPULATION

Population estimates and projections are presented in Table 1. Population projections contained in the Chattahoochee Hills Comprehensive Plan (draft) have been used for the purposes of this solid waste management plan. As Table 1 indicates, the City's estimated population at the time of incorporation in 2007 was 2,318. The City's current (2010) population is estimated to be 2,800, an increase of nearly 21 percent from the 2007 estimate. By the year 2020, the City's population is projected to increase to roughly 11,500 residents, representing a projected increase of 311 percent from 2010.

TABLE 1 POPULATION ESTIMATES AND PROJECTIONS CITY OF CHATTAHOOCHEE HILLS												
	2007	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Population	2,318	2,800	3,140	3,480	3,820	4,160	4,500	5,900	7,300	8,700	10,100	11,500
Source: Atla	Source: Atlanta Regional Commission. City of Chattahoochee Hills, 2010.											

## 1.5 SEASONAL POPULATION VARIATION

There are no significant seasonal variations in the City's population that would warrant consideration.

## 1.6 NUMBER OF HOUSEHOLDS

There are 1,033 single family detached houses located throughout the City. The majority of the City's houses are on large tracts of land with wells and septic systems. Over 67 percent of houses are on three acres or more. There is one developed conventional subdivision, Crossroads, located off of Wilkerson Mill Road, that was developed in the 1980s. There are currently 30 occupied townhouse units (some of them live-work units) and five apartments located in the mixed-use Serenbe development. Five single-family homes stand vacant at this time. The City's Community Development Department mailed out a survey to all City households in April of 2010. The survey had a 40 percent response rate and indicated that over 95 percent of housing in the City is owner-occupied.

## 1.7 ECONOMIC ACTIVITY

Despite its location within Fulton County and the Atlanta Metropolitan Area, the City of Chattahoochee Hills remains mostly undeveloped. The City has only a handful of businesses that are not home-based, including one small locally-owned grocery store with gas pumps, two restaurants, an inn with an additional associated restaurant, and several gift, clothing, and furniture stores. There are a handful of property owners who ranch on their land and/or do organic farming on a small scale. The City has 40 non-agricultural home based businesses, in addition to many unpermitted home offices. In the City's Comprehensive Plan survey, almost 33 percent of respondents indicated that they work from home and 24 percent said that they own their own businesses. In the Serenbe community, there is a business incubator which is active in the pursuit of additional businesses (primarily within the Serenbe Community). There is also a citizendriven Sustainable Economic Development Committee that is working on local Economic Development initiatives.

Most of the City's business growth has been in the Serenbe community. In accordance with the City's development regulations, Serenbe is a small densely developed mixed-use hamlet with the surrounding area used for organic farming or land conservation. Development of Serenbe began in 2005 and is continuing. All but one of the non-home based businesses listed above, the grocery store with the gas pumps, are in the Serenbe community. The grocery store is in the Rico community.

## Section 2 WASTE DISPOSAL STREAM ANALYSIS

## 2.1 DISPOSAL RATES

Since no detailed local data exists regarding municipal solid waste (MSW) and construction and demolition (C&D) disposal rates, statewide averages have been used to estimate and project waste amounts for the City of Chattahoochee Hills. The City feels that the statewide per capita figures are consistent with local and regional trends and will provide a solid basis for the projections contained in later sections of this plan. These estimates are presented in Table 2.

TABLE 2 ESTIMATED DISPOSAL RATES CITY OF CHATTAHOOCHEE HILLS 2010							
	Tons Per Year	Population	Pounds/Person/Day				
MSW	3,000	2,800	5.87				
C&D	1,232	2,800	2.41				
Source: 2009 Solid Wa	ste Management Annual	Report, Georgia Department	of Community Affairs.				

## 2.2 INVENTORY OF WASTE DISPOSED

Table 3 presents estimates (based upon statewide averages) of the total amount of waste disposed of by sector for the City of Chattahoochee Hills. As indicated, it is estimated that approximately 40 percent of the waste delivered to MSW landfills from the City of Chattahoochee Hills is generated by the residential sector. The second largest contributor to MSW landfills is the commercial sector, which accounts for roughly 27 percent of waste disposed. The remaining sectors (industrial, C&D, and sludge/biosolids) combine for roughly 33 percent.

		WASTE	ABLE 3 BY SECTOR TAHOOCHEE HILLS 2010	i		
Sector	Tons to	MSW Landfill	Tons to C&D Landfill	Total Tons		
Residential	1,179	39.30	-	1,179	28	
Commercial	819	27.30	-	819	19	
Industrial	420	14.00	-	420	10	
C&D	369	12.30	1,232	1,601	38	
Sludge & Biosolids	213	7.10	-	213	5	
Total	3,000	100.00%	1,232	4,232	100%	

## 2.3 WASTE CHARACTERIZATION

Since there is no local data available regarding the composition of the City's waste stream, regional (Atlanta Regional Commission) averages obtained from the Georgia Department of Community Affairs (DCA) have been utilized. The results are presented in Table 4.

## 2.4 UNIQUE CONDITIONS AND/OR SEASONAL VARIATIONS

Chattahoochee Hills does not experience any significant seasonal changes in population levels that would significantly impact solid waste amounts.

## 2.5 WASTE GENERATING DISASTERS

Local officials cannot reasonably project the additional amount of waste that might be generated by unknown and unanticipated disasters. Obviously, based on the impact of recent storm events, it can be anticipated that there will be additional waste that would require management. Other elements of this plan outline local contingency plans to address additional waste amounts resulting from unforeseen events.

### 2.6 PROJECTIONS OF WASTE TO BE DISPOSED

Table 4 presents waste amount and composition projections through the year 2020. These projections represent the amount and composition of solid waste that will likely be disposed in landfills in the absence of increased waste reduction efforts. Assuming that Chattahoochee Hills' waste composition is similar to regional averages (Atlanta Regional Commission), the City will need to target reductions in paper, organic, and plastic waste types. Combined, these materials make up over 80 percent of the City's waste stream.

TABLE 4   ESTIMATED AND PROJECTED WASTE AMOUNTS (TONS) AND COMPOSITION   CITY OF CHATTAHOOCHEE HILLS											
	CITY OF CHATTAHOOCHEE HILLS 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020										
Paper (40%)	1,200	1,346	1,491	1,637	1,783	1,928	2,528	3,128	3,728	4,328	4,928
Plastic (16%)	480	538	596	655	713	771	1,011	1,251	1,491	1,731	1,971
Glass (4%)	120	135	149	164	178	193	253	313	373	433	493
Metal (6%)	180	202	224	246	267	289	379	469	559	649	739
Organic (26%)	780	875	969	1,064	1,159	1,253	1,43	2,033	2,423	2,813	3,203
C&D (5%)	150	168	186	205	223	241	316	391	466	541	616
Inorganic (3%)	90	101	112	123	134	145	190	235	280	325	370
TOTAL	3,000	3,364	3,728	4,092	4,457	4,821	6,321	7,820	9,320	10,820	12,320
Tons/Day	8.22	9.22	10.21	11.21	12.21	13.21	17.32	21.42	25.53	29.64	33.75
Source: Georgia S		Naste Cha	aracterizat	ion Study	2005 Atl	anta Redio	nal Comr	nission (A	RC) avera	nes	•

Source: Georgia Statewide Waste Characterization Study, 2005. Atlanta Regional Commission (ARC) averages.

## 2.7 PER CAPITA MSW DISPOSAL REDUCTION GOAL

The waste amounts shown in Table 5 were calculated by applying per capita disposal rates to population projections contained in Table 1. Table 5 illustrates projected waste amounts assuming a ten (10) percent per capita reduction goal. As indicated in Table 5, the City's per capita disposal rate is projected to decrease from 5.87 pounds per day in 2010 to 5.28 pounds per day by 2020, a 10 percent decrease.

TABLE 5 DISPOSAL PROJECTIONS CITY OF CHATTAHOOCHEE HILLS								
YEAR	POPULATION	POUNDS/PERSON/DAY	TOTAL TONS PER YEAR DISPOSED					
2010	2,800	5.87	3,000					
2011	3,140	5.81	3,329					
2012	3,480	5.75	3,652					
2013	3,820	5.69	3,967					
2014	4,160	5.63	4,274					
2015	4,500	5.57	4,574					
2016	5,900	5.51	5,933					
2017	7,300	5.46	7,274					
2018	8,700	5.39	8,558					
2019	10,100	5.33	9,825					
2020	11,500	5.28	11,081					
Source: (	City of Chattahoochee	Hills, 2010. Keck & Wood, Inc., 20	010.					

# Section 3 WASTE REDUCTION ELEMENT

## 3.1 INVENTORY OF WASTE REDUCTION PROGRAMS

The City of Chattahoochee Hills does not provide trash collection or recycling services to its residents. There is an un-staffed recycling drop-off station located on Rico Road, adjacent to the Fire Department, where residents can drop off recyclables. The recycling container, maintained by Allied Waste Services, accepts recyclable material such as newspaper, cardboard, office paper, magazines, telephone books, glass, and aluminum cans.

## 3.2 SOURCE REDUCTION PROGRAMS

"Source reduction" is defined as those actions taken to prevent the generation of waste in the first place. Although the City of Chattahoochee Hills does not currently sponsor or participate in any formal source reduction programs, businesses operating within the City may be involved in such programs. During the course of the planning period, the City plans on undertaking a Citywide survey of businesses and industries to inventory existing and planned source reduction programs in the private sector. The City also plans on encouraging source reduction through its website and through the use printed media that will be distributed at City Hall and other City facilities.

## 3.3 RECYCLING PROGRAMS AND FACILITIES

According to the *Georgia Recycling Markets Directory*, there are numerous businesses in Fulton, Douglas and Coweta counties that accept recyclable materials. A listing of these businesses, by county, is included in the Appendix.

## 3.4 YARD TRIMMINGS PROGRAMS AND FACILITIES

There are no programs or facilities currently in place aimed at reducing the amount of yard waste generated within Chattahoochee Hills. Because Chattahoochee Hills is still quite rural, there has been no demand for collection of yard trimmings in the City.

## 3.5 ITEMS REQUIRING SPECIAL HANDLING

The City of Chattahoochee Hills does not provide or sponsor any organized collection programs or drop-off facilities for special waste items such as electronics, batteries, paint, and tires. Private waste haulers serving Chattahoochee Hills provide these services upon request.

## 3.6 CONTINGENCY STRATEGY

The City of Chattahoochee Hills does not provide waste collection, recycling, or disposal services. In the event of a natural disaster or emergency situation, the City would work with private haulers to facilitate conditions conducive to the safe and efficient collection of disaster-related debris, such as yard waste and other items that cannot be placed in a municipal solid waste (MSW) facility. Due to the City's geographic location, there are numerous public and private recycling facilities and inert landfills within a 100-mile radius. The City has the authority to invoke emergency procurement authorization to negotiate services with private haulers and public/private facilities. Under these same emergency procurement provisions, the City could also choose to negotiate directly with firms representing specific commodity markets to provide a collection, transfer, and marketing option on a temporary basis.

## 3.7 ASSESSMENT OF WASTE REDUCTION PROGRAMS

Being a newly incorporated City, Chattahoochee Hills has yet to implement any formal programs aimed at waste reduction. During the planning period, local officials will assess the need for such programs, review existing waste reduction practices of local businesses, and make improvements as required to achieve waste reduction goals.

## 3.8 NEEDS AND GOALS

WASTE REDUCTION GOAL: To reduce the per capita amount of waste disposed by 10 (ten) percent over the next 10 years.

The City of Chattahoochee Hills's goal is to reduce per capita disposal rates by 10 percent, from 5.87 pounds per day to 5.28 pounds per day. In order to achieve this goal, the City will need to:

- Encourage residents and businesses to use recycling services offered by private waste haulers.
- Explore source reduction programs for potential implementation.
- Encourage businesses and residents to use the recycling station.
- Encourage residential composting of yard waste such as limbs, grass clippings, and leaves.

## Section 4 COLLECTION ELEMENT

## 4.1 INVENTORY OF EXISTING PROGRAMS

The City of Chattahoochee Hills does not provide collection services for solid waste. Private haulers known to provide service within the City include CLM Sanitation (Waste Industries USA, Inc.), Reliable Waste, and Pollard Construction Disposal, LLC. All of these haulers, except for Pollard Construction Disposal LLC, provide weekly curbside collection of residential solid waste, recyclables, and yard trimmings. Pollard Construction Disposal provides two front-end dumpsters for City Hall and Fire Department use. Waste collected by Pollard is transported to the Walker Transfer and Recycling facility in Fairburn, Georgia.

## 4.2 DROP-OFF CONVENIENCE CENTERS/CURBSIDE COLLECTION

Private haulers serving Chattahoochee Hills offer curbside collection services. No solid waste drop-off centers, transfer stations, or convenience centers are located in Chattahoochee Hills. There are, however, several facilities located within a reasonable distance from the City that provide these services, including the Merk Miles Residential Drop Off Center (College Park), Welcome All Transfer Station (College Park), and Gateway Transfer Station (Atlanta).

## 4.3 YARD TRIMMINGS AND BULK ITEM COLLECTION

All private haulers serving Chattahoochee Hills offer yard waste collection as a service option. Georgia law specifies that effective September 1, 1996, each city, county, or solid waste management authority shall impose restrictions on yard trimmings which are generated in or may ultimately be disposed of in its area of jurisdiction. These restrictions shall include but are not limited to:

- (i) A requirement that yard trimmings not be placed in or mixed with municipal solid waste;
- (ii) A ban on the disposal of yard trimmings at municipal solid waste disposal facilities having liners and leachate collection systems or requiring vertical expansion within its jurisdiction;

- (iii) A requirement that yard trimmings be sorted and stored for collection in such a manner as to facilitate collection, composting, or other handling; and
- (iv) A requirement that yard trimmings be sorted and stockpiled or chipped, composted, used as mulch, or otherwise beneficially reused or recycled to the maximum extent feasible."

## 4.4 ILLEGAL DUMPING/LITTERING

Illegal dumping is a significant problem in Chattahoochee Hills. This is due in large part to the abandoned subdivisions where there is no one nearby to see the dumping as it occurs. The City's code enforcement officer addresses illegal dumping issues within the City. Chattahoochee Hills Public Works routinely picks up litter and other debris within rights-of-way. The City is has an anti-littering ordinance that is enforced by the Code Enforcement officer within the Chattahoochee Hills Police Department. Littering and other environmental citations are heard in Municipal Court. A copy of the City's antilittering ordinance, prepared in compliance with the Metropolitan North Georgia Water Planning District, is included in the Appendix.

## 4.5 CONTINGENCY STRATEGY/NATURAL DISASTER-EMERGENCY SITUATION

Private waste hauling companies are responsible for waste collection and disposal services within the City. In the event of a natural disaster or an emergency situation that would alter current practices, the City could contract with one or more private haulers for interim collection services or with another public entity in the form of an intergovernmental agreement to provide interim collection services. Additionally, in the event of an emergency, the City has the ability (within 24 hours of an event) to alert residents and businesses through email and the City's website in order to get the information out and to alert the public of its contingency plan.

## 4.6 ASSESSMENT OF COLLECTION PROGRAMS

Collection services within Chattahoochee Hills are generally considered adequate and should serve the City well for the duration of the planning period. The City may need to better regulate private haulers operating within the City through registration requirements. This would require, among other things, that private haulers report waste amounts collected within Chattahoochee Hills to the City on a monthly or quarterly basis.

#### 4.7 NEEDS AND GOALS

COLLECTION GOAL: To ensure the efficient and effective collection of solid waste and recyclable materials.

To achieve the stated collection goals, the City of Chattahoochee Hills will need to:

- Continue existing privately-provided solid waste collection practices.
- Amend the Solid Waste Ordinance in order to require haulers to report tonnage collected within the City on a monthly or quarterly basis and identify specific landfills they use to dispose of waste collected within the City.
- Actively enforce illegal dumping and littering ordinances.

## Section 5 DISPOSAL ELEMENT

## 5.1 INVENTORY OF SOLID WASTE DISPOSAL FACILITIES

No permitted solid waste handling or disposal facilities are located within the City limits of Chattahoochee Hills. According to City officials, CLM Sanitation provides service to the majority of City residents. Waste collected by CLM Sanitation is transported to the Walker Transfer and Recycling facility in Fairburn, Georgia. From there, it is transported to the Grady Road Landfill in Cedartown, Georgia. The Grady Road facility is owned and operated by Waste Industries USA.

Reliable Waste also provides service to approximately 12 residential customers within the City. Waste collected by Reliable Waste is transported to the Coweta County Transfer Station in Newnan and the Walker Transfer and Recycling Facility in Fairburn. Waste collected by Reliable Waste is disposed of at the Pine Ridge Regional Landfill in Griffin. MSW collected at City Hall and the Fire Department by Pollard Construction Disposal is transported to the Walker Transfer and Recycling Station located in Fairburn. Information on facilities that handle waste generated by Chattahoochee Hills is presented in Table 6.

TABLE 6 DISPOSAL FACILITIES								
Facility	Location	Permit Number	Waste Accepted	Remaining Capacity (Cubic Yards)	Year Expected to Reach Capacity			
Grady Road Landfill	P.O. Box 268 Cedartown, GA	115-008D (SL)	MSW	1,397,207	2011*			
Walker Transfer & Recycling	610 Bohannon Road, Fairburn, GA	PBR 060- 250 TS	MSW	N/A	N/A			
Coweta County Transfer Station	175 Essie Mae Walker Rd. Newnan, GA	PBR 038-02 TS	MSW	N/A	N/A			
Pine Ridge Regional Landfill	105 Bailey Jester Road Griffin, GA	018-008D (MSWL)	MSW	33,573,784	2037			
Source: EPD, July 2009 a	and March 2010. *In permitting	g process for expa	nsion.					

## 5.2 ASSURANCE OF TEN YEAR DISPOSAL CAPACITY

As indicated in Table 6, the Grady Road Landfill facility is projected to reach capacity in 2011. According to Waste Industries, the facility is currently in the Georgia Environmental Protection Division (EPD) permitting process for a significant expansion that will provide more than adequate capacity for waste generated by Chattahoochee Hills. Landfill officials anticipate completing the EPD permitting process by January of 2011. A disposal capacity assurance letter from Waste Industries is included in the Appendix.

## 5.3 CONTINGENCY STRATEGY/NATURAL DISASTER-EMERGENCY SITUATION

Should existing disposal facilities used by private haulers serving the City become unavailable, private haulers, in conjunction with the City, will identify and use alternative disposal locations. The City could also contract with another public entity in the form of an intergovernmental agreement to provide interim disposal services.

To facilitate the collection and disposal of disaster-related debris, the City coordinates its efforts with the Fulton County Emergency Management Agency and state and federal agencies such as the Georgia Emergency Management Agency and the Federal Emergency Management Agency (FEMA). The City would use a combination of City forces (Public Works) and contractors to collect, transport, and process disaster-related waste. Additionally, in the event of a natural disaster, the City has the ability (within 24 hours of an event) to alert residents and businesses through email and its website in order to get information out and alert the public of its contingency plan. The Fulton County EMA will also assist in public notification efforts.

#### 5.4 NEEDS AND GOALS

DISPOSAL GOAL: Ensure that the City has a plan in place to ensure that sufficient disposal capacity is available to handle the amount of waste projected to be disposed of over the next 10 years.

In order to achieve the stated disposal goal, the City of Chattahoochee Hills will need to:

- Continue existing disposal practices.
- Monitor capacity levels of landfills used by private haulers and the City.
- Work with private haulers in developing a contingency plan that identifies alternate landfills in order to dispose of the City's solid waste.

## Section 6 LAND LIMITATION ELEMENT

There are a number of different factors that must be taken into consideration when selecting a suitable site for development of new landfills and/or other waste handling

facilities. Demographic factors, land use factors, and environmental factors collectively place limitations and pose challenges with regard to finding an appropriate site. Sites selected for landfills and other related facilities should not diminish the overall quality of life for residents. These sites should also have a minimal impact on the natural environment. The factors discussed in this section are not designed to prohibit development within any of these areas. Rather, this discussion is included to provide guidance and consideration in an effort to minimize the adverse effects that could result from selecting a site.

### 6.1 NATURAL ENVIRONMENTAL LIMITATIONS

Natural environmental limitations include floodplains, wetlands, water supply watersheds, groundwater recharge areas, river corridors, and protected mountains. Maps illustrating the general locations of many of these limitations are included in the Appendix.

#### Floodplains

"(DNR) Rule 391-3-4.05(1) (d) stipulates that any solid waste landfill located in the 100year floodplain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in a washout of solid waste so as to pose a threat to human health or the environment."

The 100 year floodplain is defined as the land area with a one (1) percent chance of being flooded every year. A floodplain map is included in the Appendix. The 100-year floodplain is used for planning purposes to assist in identifying land that is not suitable for development. The City of Chattahoochee Hills has designated floodplains along creek and stream beds as delineated in referenced mapping. The City participates in FEMA's National Flood Insurance Program for the protection of properties within flood hazard areas. In addition, the City and Fulton County closely regulate development in or near the floodplain with local ordinances, including a Flood Hazard Prevention Ordinance.

#### Wetlands

"(DNR) Rule 391-3-16-.03(3) (e) establishes that solid waste landfills may institute an unacceptable use of wetland."

"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."

Identified wetlands can be found throughout the City of Chattahoochee Hills. A generalized wetlands map is included in the Appendix. Applicable DNR rules will be referenced and applicants will be required to obtain a Section 404 Permit prior to obtaining a Land Disturbance Permit.

Groundwater Recharge Areas

"(DNR) Rule 391-3-16-.02(3)(a) requires that in significant groundwater recharge areas, GA DNR shall not issue permits for new solid waste landfills not having synthetic liners and leachate collection systems."

There are two groundwater recharge areas identified as being within the City of Chattahoochee Hills. A groundwater recharge area map is included in the Appendix.

Water Supply Watersheds

"(DNR) Rule 391-3-16-.10(7) c requires that at any location within a small water supply watershed, new solid waste landfills must have synthetic liners and leachate collection systems."

The City of Chattahoochee Hills is located in Chattahoochee River Basin. As stated in the rule, synthetic liners and leacheate collection systems will be required as part of any proposed solid waste landfill.

**River Corridors** 

"(DNR) Rules prohibit the development of new solid waste landfills within protected river corridors."

There are no proposed solid waste landfills within the City of Chattahoochee Hills.

**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 within the City of Chattahoochee Hills.

Fault Areas, Seismic Impact Zones & Unstable Areas

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

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

"(DNR) Rule 391-3-4-.05(1)(h) requires owners or operators of new landfill units, existing landfill units, and lateral expansions located in unstable areas to demonstrate that engineering measures have been incorporated in the landfill unit's design to ensure that the integrity of the structural components of the landfill unit will not be compromised."

A registered engineer or registered geologist is required to conduct a hydo-geological assessment at the proposed location of any new solid waste disposal facility. The potential for problems to result from development on fault zones, areas susceptible to seismic activity, and unstable ground are evaluated as part of the assessment.

#### Significant Groundwater Recharge Areas

"DNR Rule 391-3-4-.05(1)(j) requires that new solid waste landfills or expansions of existing landfills located within two miles of a significant groundwater recharge area have liners and leachate collection systems, with the exception of facilities accepting waste generated from outside the county in which the facility is located. In that case, the facility must be totally outside of any area designated as a significant groundwater recharge area."

There is one groundwater recharge area identified as being within the City of Chattahoochee Hills. A groundwater recharge area map is included in the Appendix.

#### 6.2 LAND USE & ZONING LIMITATIONS

#### 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 and that written verification of such be submitted to EPD."

The City of Chattahoochee Hills Zoning Ordinance allows landfills for inert waste disposal in the M-1 and M-2 zoning districts with a Special Use Permit and allows Solid Waste Disposal Landfills in the M-2 zoning district with a Special Use Permit. A copy of these provisions is included in the Appendix.

#### National Historic Sites

Municipal solid waste landfills are not permitted within 5,707 yards of a National Historic Site. Although many of the historic resources in Chattahoochee Hills may be eligible, they have not been placed on the National Register of Historic Places.

#### 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 resource present. No solid waste handling facility should be located so as to negatively impact an area of concentrated or known archeological sites on file with the Georgia Archaeological

Site File (GASF). 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 State Historic Preservation Office (SHPO) would be required.

#### Surface Water Intake

According to Georgia Department of Natural Resources (DNR) Rule 391-3-19-.01, solid waste landfills must have engineering modifications such as liners, leachate collection systems, and groundwater monitoring systems if they are located within two (2) miles of a surface water intake for a public source, unless such a site is the only feasible location.

### 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."

No airports are located within the City of Chattahoochee Hills.

### Co-Located Landfills

Section 12-8-25.4 of the O.C.G.A. states that no solid waste handling facility, excluding materials recovery facilities and composting facilities, can be sited on a site that falls within a two-mile radius of three or more solid waste landfills (including closed landfills that receive waste on or after June 29, 1989).

#### Political Subdivisions

The Georgia Comprehensive Solid Waste Management Act prohibits the siting of a municipal solid waste landfill within one-half mile of another county's border without the approval of the jurisdiction's governing authority.

#### 6.3 PLAN CONSISTENCY PROCESS

The requirements that a developer of a new solid waste management facility must fulfill in order to demonstrate that the facility is consistent with the City of Chattahoochee Hills Solid Waste Management Plan are outlined below. It is the responsibility of the facility owner to prove consistency. No proposed facility of facility expansion will be sited without a letter from the City of Chattahoochee Hills stating that the facility is consistent with the Solid Waste Management Plan. To determine if a proposed facility, public or private, or facility expansion is consistent with the Solid Waste Management Plan, an owner/operator of the facility shall: A. At least 60 days prior to the filing for a solid waste handling permit, or notifying EPD in the case of a solid waste handling facility that is permitted by rule, submit to the local governing authority a written "Statement of Consistency" 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, specifically what will be:
- (a) the impact upon the collection capability within the planning area;
- (b) the impact upon disposal capacity identified within 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, specifically what will be:
- (a) the impact to vehicle traffic and public safety around the proposed facility and throughout the planning area;
- (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 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 satisfy any financial assurance provisions of the SWMP and any local ordinances.
- 4. That the proposed facility or facility expansion is sited in an area deemed suitable according to the criteria listed in the Solid Waste Management Plan; and
- 5. That the proposed facility or facility expansion is sited in a location that is consistent with local zoning ordinances.

The City Council will hold at least one public hearing on the proposed facility to get feedback from City residents. Notification of the public hearing will be done in accordance with City policy. Additionally, the meeting agenda for the hearing will be made available at City Hall and on the City's website one week prior to the hearing. Based upon the results of the hearing, the City can decide whether or not additional public meetings are necessary.

B. The City of Chattahoochee Hills shall review the written "Statement of Consistency" and shall determine if the proposed facility or facility expansion is consistent with the Solid Waste Management Plan. Within 30 days of making their determination, the City of Chattahoochee Hills shall notify the developer whether or not the proposed facility or facility expansion is consistent with the Solid Waste Management Plan. If the proposed facility is not consistent with the Solid Waste Management Plan, the developer may address the inconsistencies and resubmit their request for another review.

## 6.4 NEEDS AND GOALS

LAND LIMITATION GOAL: To ensure proposed solid waste handling facilities are consistent with state and local solid waste management plans, as well as other federal, state and local environmental requirements.

In order to achieve the stated goal, Chattahoochee Hills will need to:

- Implement the City of Chattahoochee Hills Comprehensive Plan.
- Review and amend the City zoning ordinance and other regulatory tools in order to comply with the Comprehensive Plan and Solid Waste Management Plan.
- Implement the Plan Consistency Process of the Solid Waste Management Plan.
- Continue to protect environmentally sensitive areas and lands within the City.

## Section 7 EDUCATION AND PUBLIC INVOLVEMENT ELEMENT

## 7.1 INVENTORY AND ASSESSMENT

Although the City of Chattahoochee Hills does not currently provide formal education and public involvement programs, City residents have access to a wide range of programs and activities offered by Fulton County and nearby jurisdictions. The City does have the tools in place to provide educational outreach, including the City's newsletter, website, and e-mail capabilities.

## 7.2 NEEDS AND GOALS

EDUCATION AND PUBLIC INVOLVEMENT GOAL: Educate City residents and businesses in becoming more aware of the need to support and participate in local waste reduction efforts.

In order to achieve this goal, Chattahoochee Hills will need to:

• Provide educational materials and training in waste reduction practices at City Hall.

- Use the City's website as an educational tool to inform the public on recycling practices, programs, and local events.
- Prepare information to be included in the City's newsletter on recycling practices and programs inside the City as well as those in surrounding communities.
- Create a link on the City website to list educational resources such as EPA Pay As You Go program, Department of Community Affairs (DCA) established resource list, free recycle programs (<u>www.freecycle.com</u>), etc.

## Section 8 IMPLEMENTATION STRATEGY

The work program presented in the Table 7 identifies the various programs and activities the City of Chattahoochee Hills will undertake over the next 10 years to achieve the plan's stated goals. Activities programmed for the first five years represent the plan's Short Term Work Program.

CITY OF CHA	ATTAHOOCHEE HILI IMPLEMEN	TABLE 7 LS SOLID WASTE MANAG TATION STRATEGY OGRAM 2010-2020	EMENT PLAI	N —
ACTIVITY	IMPLEMENTATION YEAR	RESPONSIBILITY	COST ESTIMATE	FUNDING SOURCE
WASTE AMOUNTS				
Maintain accurate waste amount data	2011-2010	Chattahoochee Hills Public Works	Staff Time	General Fund
WASTE REDUCTION				
Use website to encourage recycling participation	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Attend/participate in solid waste management- related workshops & seminars	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Conduct survey of City businesses & industries regarding source reduction programs	2011	Chattahoochee Hills Public Works	Staff Time/Interns	General Fund
Encourage businesses & industries to implement recycling programs	2012	Chattahoochee Hills Public Works	Staff Time	General Fund
COLLECTION				
Amend & enforce the City Solid Waste Ordinance	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Begin requiring private haulers to register with the City and report waste amounts collected	2011	Chattahoochee Hills Public Works	Staff Time	General Fund
DICDOCAL				
DISPOSAL Continue use of private vendors for disposal services	2011-2020	Chattahoochee Hills Public Works	N/A	General Fund
Begin monitoring capacity levels of area landfills	2011	Chattahoochee Hills Public Works	Staff Time	General Fund
Develop a contingency plan that identifies alternate landfills.	2011	Chattahoochee Hills Public Works	Staff Time	General Fund
LAND LIMITATIONS				
Implement Comprehensive Plan	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Reference environmental maps in planning efforts	2011-2020	Community Development/Chattahoochee Hills Public Works	Staff Time	General Fund
Review & amend zoning ordinance as needed	2011-2020	Community Development/Consultant	Staff Time/\$2,500	General Fund
Implement Solid Waste Management "Plan Consistency Process"	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Consistency Process"		**0175		

ACTIVITY	IMPLEMENTATION YEAR	RESPONSIBILITY	COST ESTIMATE	FUNDING SOURCE
EDUCATION & PUBLIC INVOLVEMENT				
Publicize local waste reduction efforts & programs through brochure placement at City facilities	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Support local education & public involvement efforts & programs	2011-2020	Chattahoochee Hills Public Works	Staff Time	General Fund
Update the City website to include links to educational resources relating to waste reduction	2011	Chattahoochee Hills Public Works	Staff Time	General Fund
Begin working with area businesses to encourage public awareness of the benefits of waste reduction	2011	Chattahoochee Hills Public Works	Staff Time	General Fund
GENERAL				
Prepare new Solid Waste Management Plan (SWMP)	2019	Chattahoochee Hills Public Works/Consultant	\$40,000	General Fund
Prepare Annual Solid Waste Surveys	2010-2020	Chattahoochee Hills/Public Works	Staff Time	General Fund

## APPENDIX

STATE OF GEORGIA COUNTY OF FULTON

#### **RESOLUTION NO. 10-08-87**

#### A RESOLUTION AUTHORIZING THE TRANSMITTAL OF THE CITY OF CHATTAHOOCHEE HILLS SOLID WASTE MANAGEMENT PLAN TO THE ATLANTA REGIONAL COMMISSION FOR REVIEW AND APPROVAL

WHEREAS, the City of Chattahoochee Hills, Georgia, has prepared a Solid Waste Management Plan for the years 2010 - 2020; and

WHEREAS, the Solid Waste Management Plan was prepared in accordance with the Minimum Planning Standards and Procedures for Local Solid Waste Management Planning established by the Georgia Comprehensive Solid Waste Management Act; and

WHEREAS, two (2) public hearings on the planning process and draft plan were conducted on December 1, 2009 and August 3, 2010.

**NOW THEREFORE, BE IT RESOLVED,** that the City of Chattahoochee Hills does hereby approve the submittal of the draft *City of Chattahoochee Hills Solid Waste Management Plan* to the Atlanta Regional Commission for review in accordance with Georgia's Minimum Planning Standards and Procedures for Local Solid Waste Management Planning.

**APPROVED,** this 3<sup>rd</sup> day of August, 2010. **BY:** 

Don Hayes, Mayor

Dana Wicher, City Clerk



3301	VASTE INDUSTRIES Mid-South Area Landfills Benson Drive, Suite 501 Raleigh, NC 27609 5-3000 Fax: (919) 872-1474 www.wasteindustries.com
July 26 <sup>th</sup> , 2010	
Ms. Carol Wolfe City Manager City of Chattahoochee Hills 6505 Rico Road Suite A Chattahoochee Hills, Georgi	
Dear Ms. Wolfe:	
Chattahoochee Hills, Ga. fro Grady Road Landfill is 115-	al capacity assurance for waste generated by the City of m 2010 to 2020. The Georgia EPD permit number for 008D(SL). This assurance is based upon the City of ng of approximately 65,467 tons of waste at this facility nd 2020.
We thank the City of Chattal to providing environmentally	hoochee Hills for this business partnership and look forward y sound waste disposal options for the foreseeable future.
Sincerely, David W. Popper David W. Pepper Mid South Area Landfill Ma	nager

## DEFINITIONS

The following definitions are based upon those contained in the Minimum Planning Standards and Procedures for Solid Waste Management.

1. Comprehensive Plan - The City of Chattahoochee Hills Comprehensive Plan, prepared pursuant to the Minimum Planning Standards and Procedures for Comprehensive Planning established by the Georgia Department of Community Affairs (DCA) in accordance with the O.C.G.A. 50-8-7.1 (b) and 50-8-7.2.

2. Comprehensive Solid Waste Management Plan - The City of Chattahoochee Hills Solid Waste Management Plan, prepared pursuant to the Minimum Planning Standards and Procedures for Solid Waste Management established by the Georgia Department of Community Affairs (DCA) in accordance with the O.C.G.A. 12-8-31.1

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

4. DCA - The Georgia Department of Community Affairs.

5. DNR - The Georgia Department of Natural Resources.

6. EPD - The Georgia Environmental Protection Division.

7. Full-Cost Report - The use of an accounting system that isolates, and then consolidates for reporting purposes, the direct and indirect costs that relate to the operation of the solid waste management system.

8. Georgia Comprehensive Solid Waste Management Act of 1990 - Establishes the statutory authority for local governments to develop solid waste management plans. The Act also requires local governments to report annually to DCA and to the public the amount of solid waste generated and the cost of disposing of that waste. (O.C.G.A. 12-8-20 *et seq*)

9. Governing Body - The Mayor and City Council of the City of Chattahoochee Hills.

10. Green Waste – Biodegradable waste that can be comprised of yard, garden, or park waste, such as grass, flower cuttings, and hedge trimmings.

11. Household Hazardous Waste - Unwanted household products that are labeled as flammable, toxic, corrosive, or reactive.

12. Implementation Strategy - The narrative and year-specific description that each county and municipality must submit as an element of a comprehensive solid waste management plan. An implementation strategy describes how each local government intends to implement its comprehensive solid waste management plan through a ten-

year period, including a listing of public actions to be undertaken by the community toward implementation of the comprehensive solid waste management plan and the related costs of such actions.

13. Local Government - Any county, municipality, or other political subdivision of the state.

14. Minimum Planning Standards and Procedures - The minimum planning standards and procedures, including the minimum elements which shall be addressed and included for preparation of local and regional comprehensive solid waste management plans, for implementation of local comprehensive solid waste management plans, and participation in the coordinated and comprehensive planning process.

15. Mulch - A byproduct typically comprised of materials from land clearing and yard trimmings that have been size-reduced by grinding, chipping, or shredding and used on top of the soil to retain moisture around vegetation or for aesthetic purposes.

16. Municipal Solid Waste - Any solid waste derived from households, including garbage, trash, and sanitary waste in septic tanks and solid waste from single-family and multi-family residences, hotels and motels, campgrounds, picnic grounds, and day use recreation areas. The term includes yard trimmings and commercial solid waste but does not include recovered materials, or solid waste from mining, agricultural, or silvicultural operations or industrial processes or operations.

17. Municipality - Any municipal corporation of the state and any consolidated citycounty government of the state.

18. Plan Amendment - A significant action by a local government to change its currently approved solid waste management plan. Amendments shall be deemed necessary when the local government feels conditions have changed dramatically so as to alter the basic tenets of its approved solid waste plan.

19. Plan Approval - The certification conferred by the Georgia Department of Community Affairs (DCA) acknowledging that a local government has prepared, submitted to the regional development center for review, and has received written approval from DCA that their plan, plan amendment, or short-term work program update meets the minimum planning standards and procedures and may be adopted.

20. Recovered Materials - 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.

21. Recycling - Any process by which materials that would otherwise become solid waste are collected, separated, or processed and reused or returned to use in the form of raw materials or products.

22. Regional Center - A Regional Center established under O.C.G.A. 50-8-32. The Atlanta Regional Commission.

23. Short Term Work Program - That portion of the Implementation Strategy that lists the specific actions to be undertaken annually by the local government over the upcoming five years to implement the approved comprehensive solid waste management plan.

24. Solid Waste - Any garbage or refuse; sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility; and other discarded material including solid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and community activities, 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. 1342; or source, special nuclear, or by-product material as defined by the Federal Atomic Energy Act of 1954, as amended.

25. Solid Waste Disposal and Landfill Capacity Reports - Reports required by DNR Rule 391-3-4-.17 to be filed with the Director of DNR by holders of municipal solid waste disposal and landfill permits showing quarterly amount disposed and remaining landfill capacity.

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

27. 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.

28. Solid Waste Handling Permit - Written authorization granted to a person by the Director of the Georgia EPD to engage in solid waste handling.

29. Source Reduction - Actions taken to prevent the generation of waste in the first place.

30. State Plan - The State Solid Waste Management Plan prepared by the Georgia DCA and DNR, including any revisions or amendments thereto.

31. Waste Stream Analysis - An inventory and analysis of the solid waste stream, including amounts of waste being generated and/or disposed, the source of the waste (i.e. residential, commercial), and a characterization of the waste by composition (i.e.

paper, food, yard trimmings). A waste stream analysis also includes a percentage accounting of the waste stream by source and by composition.

## Section 19.4.25 Landfill, Inert Waste Disposal

A. Required Districts: M-1 and M-2

B. Standards:

1. No access shall be allowed from local streets.

2. Access streets shall be paved and shall be able to withstand maximum load limits established by the State of Georgia as approved by the Director of Public Works.

3. No portion of a new landfill shall be located within a three mile radius of the property lines of an existing landfill.

4. The waste disposal boundary of a landfill shall be located at least 500 feet from all property lines except adjacent to M-1 (Light Industrial) and M-2 (Heavy Industrial) zoned districts.

5. A minimum 200-foot buffer and 10-foot improvement setback shall be required along all property lines except public rights-of-way.

6. A minimum 50-foot buffer and 10-foot improvement setback shall be required along all public rights-of-way.

7. A minimum 6-foot high solid fence or wall shall be located on property lines or interior to the required buffers and improvement setbacks.

8. Limit hours of operation from 6:00 a.m. to 6 p.m., Monday through Saturday.

9. The owner shall provide the Director of the Department of Community Development a current copy of all applicable permits from the Georgia Department of Natural Resources upon application for a Land Disturbance Permit.

10. Vehicles shall be allowed into a landfill site only if waste is covered to prevent blowing of material from the vehicle.

11. In accordance with Article 28.4.3.2., submit an Environmental Impact Report as required.

12. No portion of a new or expanded landfill shall be located within a one (1) mile radius of the property lines of residentially zoned or used property. An expanded landfill shall not include any expanded use within the parcel boundaries of an existing site or location.

13. The landfill shall be operated in accordance with the Rules of Georgia, Department of Natural Resources, Environmental Protection Division,

Chapter 391-3-4 Solid Waste Management, Official Code of Georgia Annotated 12-8-20 Georgia Comprehensive Solid Waste Management Plan, and 40 CFR Part 258 (Subtitle D of RCRA).

## Section 19.4.26 Landfill, Solid Waste Disposal

A. Required Districts: M-2

B. Standards:

1. No access shall be allowed from local streets.

2. Access streets shall be paved and shall be able to withstand maximum load limits established by the State of Georgia as approved by the Director of Public Works.

3. No portion of a new landfill shall be located within a three mile radius of

the property lines of an existing landfill.

4. The waste disposal boundary of a landfill shall be located at least 500 feet from all property lines except adjacent to M-1 (Light Industrial) and M-2 (Heavy Industrial) zoned districts.

5. A minimum 200-foot buffer and 10-foot improvement setback shall be required along all property lines except public rights-of-way.

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11. In accordance with Article 28.4.3.2., submit an Environmental Impact Report as required.

12. No portion of a new or expanded landfill shall be located within a one (1) mile radius of the property lines of residentially zoned or used property. An expanded landfill shall not include any expanded use within the parcel boundaries of an existing site or location.

13. The landfill shall be operated in accordance with the Rules of Georgia, Department of Natural Resources, Environmental Protection Division, Chapter 391-3-4 Solid Waste Management, Official Code of Georgia Annotated 12-8-20 Georgia Comprehensive Solid Waste Management Plan, and 40 CFR Part 258 (Subtitle D of RCRA).

	GEORGIA RECYCLING MARKETS DIRECTORY	
88	Materials	County
Accucycle, Georgia's E-Waste Recycler	computer equipment	Fulton
Advantage Laser Products, Inc.	toner cartridges, inkjet cartridges.	Fulton
American Fiber Co. Services	paper, newspaper, Cardboard, other paper, magazines, office paper	Fulton
American Recycling of Georgia	non ferrous metal, ferrous metal, aluminum cans, paper, newspaper, Cardboard, mixed paper, magazines, office paper, other paper, glass, HDPE, PET	Fulton
AmeriSouth Recycling & Consulting Inc.	Paper, cardboard, PET, HDPE, film plastic, PP	Fulton
Atlanta Computer Liquidation Co	computer equipment	Fulton
Atlanta Computer Systems	computer equipment	Fulton
Atlanta Pallets & Service	wood pallets	Fulton
Atlanta Recycling Solutions	computer equipment	Fulton
Better World Books	books	Fulton
Bromley Pallet Recyclers	wood pallets	Fulton
Bryant Textiles	textiles	Fulton
Cartridge World Lindbergh	ink jet printer cartridges, toner printer cartridges, computer equipment	Fulton
Computer Recycling by Zentech	computer equipment, televisions, cell phones	Fulton
Davis Recycling	non-ferrous metal, lead acid batteries, copper, aluminum, brass	Fulton
Dixie Pulp & Paper	paper, newspspaer, Cardboard, mixed paper, magazines, other paper, office paper	Fulton
Dreamsan, Inc.	newspaper, PET, HDPE, aluminum cans, Cardboard, magazines, glass, office paper	Fulton
<u>Enviro</u>	yard trimmings, wood, wood pallets, clearing debris, for compost	Fulton
<u>Georgia Carpet</u> <u>Recovery</u>	carpet, carpet padding	Fulton

<u>Georgia Tire</u> <u>Recycling</u>	scrap tires	Fulton
<u>Georgia-Pacific</u> <u>Corp.</u>	paper, newspaper, Cardboard, mixed paper, magazines, other paper, office paper, PET, HDPE, PS, PP, film plastic, aluminum cans	Fulton
James Recycling	computer equipment	Fulton
MDS Services LLC	computer equipment	Fulton
Metro Alloys, Inc.	ferrous metals, non-ferrous metals	Fulton
MicroSeconds	computer equipment	Fulton
Nemo Plastics, Inc.	HDPE, PP, PET, injection grade plastics, film plastic, aluminum, steel cans, OCC	Fulton
Newell Recycling of Atlanta, Inc.	metals, ferrous metals, metal appliances, autos, non ferrous metals, aluminum cans	Fulton
<u>Nexis Paper</u>	paper, Cardboard, other paper, phonebooks, office paper	Fulton
<u>Owens-Brockway,</u> Inc.	glass	Fulton
Perkins Auto Recycling	autos	Fulton
Pirkle, Inc.	metals, ferrous metals, metal appliances, non ferrous metals, aluminum cans	Fulton
Polymer Sciences Inc.	PET, HDPE, LLDPE, film plastic, PP, EPS, HIPS, GPPS, PVC	Fulton
Pratt Industries Recycling Division	mixed paper, Cardboard, office paper, newspaper, telephone books, magazines, other paper, PET, HDPE, PP, PVC, PS, film plastic, clear glass, brown glass, green glass, steel cans, aluminum cans	Fulton
Recall	paper, other paper, office paper	Fulton
Recycled Materials Inc.	ABS, HDPE, film plastic, PET, PVC, PP, film plastic	Fulton
<u>Regency</u> Technologies	computer equipment, televisions	Fulton
Schnitzer Southeast	ferrous metals	Fulton
Schnitzer Southeast	non-ferrous metal	Fulton
<u>Smurfit-Stone</u> <u>Recycling</u>	corrugated cardboard, film plastic	Fulton
Sonoco Recycling	cardboard, white ledger, mixed paper, ONP, Standard Office Paper, Hard White Shavings, Hard White Envelope, LPSBS, HPSBS, Unprinted SBS, ferrous metal, aluminum cans, PET, HDPE	Fulton

Southern Refurb/KAL Computers	computer equipment, cell phones	Fulton
Star Iron & Metal Co.	metals, ferrous metals, metal appliances, non ferrous metals, aluminum cans	Fulton
<u>Stephens Rock &amp;</u> Dirt, Inc.	Construction and Demolition	Fulton
<u>Strategic Materials,</u> Inc.	Glass, All Glass Containers, Float & Window Scrap, IG units	Fulton
United Plastic Recycling, Inc.	PET, PVC , HDPE, TPO-Painted, BOPP, film plastic, LLDPE Film, PP, HDPE-FM, PS	Fulton

Scompany Name	Materials	County
Computer Renaissance	computer equipment	Coweta
Creative Recycling Systems of Georgia, Inc.	Computer equipment	Coweta

Scompany Name	Materials	County
Aeris Services Incorporated	computer equipment, cell phones, televisions, rechargeable batteries	Douglas
Computer Asset Liquidation	Computer equipment	Douglas
Computer Renaissance	computer equipment	Douglas
Newell Recycling of Douglas County, LLC	metals, ferrous metals, metal appliances, autos, non ferrous metals, aluminum cans	Douglas













