

2015 LANIER COUNTY SOLID WASTE MANAGEMENT PLAN

INTRODUCTION

Lanier County is located in south-central Georgia and has a land area of 127,700 acres, or about 200 square miles. There is one city namely, Lakeland and the total population is 7,241 persons. The urban/ rural split in population is 38 percent urban and 62 percent rural. Most of the land is well drained and most of the county is well suited for agriculture. The physical landscape is fairly homogenous with two conservation areas namely, Banks Lake National Wildlife Refuge and Grand Bay Public Hunting Area. Eighty percent of the unincorporated area of Lanier County is used as cropland, pasture, orchard, and commercial timber. Seventy-six percent of the 2,024-employment base in Lanier County is in the following economic sectors-Services, 25.4%; State and Local Government, 17.9%; Retail Trade, 13.6%; Construction, 11.9%; and Farming, 7.6%.

INVENTORY AND ASSESSMENT

Amount of Waste

The amount of waste generated on an annual basis within Lanier County was 3,508 tons in FY03. Per capita waste generation in Lanier County can be determined by dividing the annual waste amount of 3,508 tons by Lanier County's 2004-estimated population of 7,412. This results in a per capita generation rate of 0.473 tons per year, or 2.59 pounds per person per day (Table 1). In 1992, the estimated per capita generation rate was 0.82 tons per year and 4.50 pounds per persons per day. This estimated tonnage and per capita rates utilized the national average of 0.82 tons per person per year and applied it to the 1990 population of Lanier County. Obviously this national rate was faulty for Lanier County, so comparisons are not possible.

Unincorporated Lanier County generates 2,456 tons per year; and City of Lakeland generates 1,052 tons per year with a breakdown of residential=2,999 tons and commercial/industrial=509 tons. Sources of solid waste generated within Lanier County are estimated in Table 2. As Table 2 indicates, the majority of waste generated in unincorporated Lanier County can be described as residential, but overall there is a nearly 80/20 split between residential and commercial/industrial. There are unaccounted for tons of MSW disposed by individuals on their own property within unincorporated Lanier County.

TABLE 1: LANIER COUNTY 2003 ESTIMATED WASTE AMOUNT

<u>Population</u>	<u>Per Capita Rate (Tons Per Year)</u>	<u>Total Tons Per Year</u>
7,416	0.473	3,508

Source: City of Lakeland, 2004. Woods & Poole Economics, Inc., 2002; South Georgia Regional Development Center, 2004 and Georgia Environmental Protection Division, 2004.

**TABLE 2: WASTE SOURCES AS A % OF TOTAL WASTE GENERATED
2003 LANIER COUNTY**

	<u>Residential</u>	<u>Commercial /Industrial</u>
Lanier County	90	10
Lakeland	75	25

Source: Lanier County and the City of Lakeland, 2004.

Table 3 provides waste composition estimates and projections for selected years through the year 2015. State averages for waste amounts and composition were utilized in calculating the estimates and projections presented in Table 3. To date contract haulers and county/city officials have begun taking a closer look at the total waste stream. No unusual or difficult to handle waste types have been observed, except for plastic. Assuming that Lanier County's waste composition is similar to that of the state as a whole, local officials will need to target reductions in: (1) paper/paperboard; (2) yard waste; (3) glass; and (4) other recyclable material. In addition, future waste reduction and public education efforts will need to focus on these waste types. The projections shown in Table 3 represent the amount and composition of solid waste, which will be generated within Lanier County by continuing to reduce waste and regenerate recycling efforts. As Table 3 indicates, total annual tonnage is projected to increase by 9 percent over the period.

TABLE 3: LANIER COUNTY 2004– 2015 PROJECTED WASTE COMPOSITION

<u>Waste Type</u>	(Tons per year)			
	<u>2004</u>	<u>2007</u>	<u>2010</u>	<u>2015</u>
Paper/Paperboard	1,343	1,374	1,406	1,464
C&D	222	227	233	243
Glass	145	148	151	158
Metals	205	209	214	223
Rubber/Leather/Textiles	113	115	118	123
Organic	946	969	992	1,033
Plastic	561	575	588	<u>613</u>
Total Tons	3,533	3,617	3,702	3,857

Source: Woods & Poole Economics, Inc., 2002. Georgia Environmental Protection Division, 2003. Analysis: South Georgia Regional Development Center, 2004.

Using 0.47 tons per person per year as a base amount, Table 4 illustrates the projected amounts of solid waste which would likely be generated with a 25

percent per capita reduction countywide. As Table 4 illustrates, annual tonnage (with recycling) is projected to decrease from 3,533 tons in 2004 to 2,893 tons by 2015. Given the rate of population and economic growth projected for Lanier County, local officials are confident that this reduction can be met, providing the recycling programs are successful.

**TABLE 4: 2004 – 2015 PROJECTED WASTE AMOUNTS
LANIER COUNTY, GEORGIA**

<u>Year</u>	<u>Population</u>	<u>Per Capita Rate (Tons Per Year)</u>	<u>Total Per Year</u>	<u>TonsPer Day</u>
2004	7,470	0.47	3,533	9.7
2005	7,527	0.46	3,462	9.5
2006	7,587	0.44	3,375	9.2
2007	7,647	0.43	3,291	9
2008	7,707	0.42	3,209	8.8
2009	7,767	0.40	3,129	8.6
2010	7,826	0.39	3,051	8.4
2011	7,891	0.38	2,975	8.2
2012	7,957	0.36	2,901	7.9
2013	8,023	0.35	2,828	7.7
2014	8,089	0.34	2,757	7.6
2015	8,155	0.33	2,688	7.4

Source: Woods & Poole Economics, Inc., 2002. South Georgia Regional Development Center, 2004.

According to local officials, no waste is imported into Lanier County from other jurisdictions.

Collection

Lanier County contracts with a private hauler to provide collection system, which serves the unincorporated portion of the county. All waste is collected from door-by-door system throughout the county and is transported to the Pecan Row Landfill in Lowndes County for disposal. Collection service is generally considered adequate and will meet the county's needs throughout the planning period.

The City of Lakeland Public Works Department provides door-to-door collection service. The City transports MSW to the Atkinson County Landfill for disposal. Lanier County assesses a monthly user charge of \$11.89 for residential service; and Lakeland assesses \$12.00 for residential and \$14.00

for commercial and industrial. Annual operating costs for all units of government are estimated to be \$218,961 (Lanier County-\$29,140 with hauler billing each customer within the unincorporated county which totals \$231,141 that brings the total to \$260,281 and the City of Lakeland at \$189,821.) City/County officials indicate that the existing solid waste program is self-sustaining. Collection service is generally considered good and will adequately meet the county's needs over the planning period.

Waste Reduction

With the exception of a voluntary recycling program of white and brown goods stored at the county road department an annual Christmas tree chipping program, and Lakeland citywide cleanup day no waste reduction programs exist in Lanier County. Lanier County and the City of Lakeland will need to increase efforts regarding waste reduction and recycling in order to meet state and local reduction goals by 2015. With the exception of an ongoing educational program in the Lanier County Schools, no education and public involvement programs exist in Lanier County. Lanier County and the City of Lakeland will need to increase education and public awareness efforts regarding solid waste management in order to meet state and local goals.

Disposal

Since 1993, the Lanier County Landfill has undergone closure and post closure in accordance with Georgia EPD and US EPA regulations. All MSW generated in Greater Lanier County are transported for disposal to the Atkinson County Landfill and Pecan Row Landfill (Lowndes County), which are permitted Sub-Title D landfills.

Land Limitation

Figure 1 illustrates those areas within Lanier County, which are considered unsuitable for locating solid waste handling facilities. The environmental limitations shown in Figure 1 are those identified and mapped on Hydrologic Atlas 20, Ground-water Pollution Susceptibility maps prepared by the Georgia Department of Natural Resources, Georgia Environmental Protection Division, and Georgia Geologic Survey. These maps are available for inspection at the offices of the South Georgia RDC. Limitations include floodplains, wetlands, groundwater recharge areas, water supply watersheds, steep slopes, and areas having poor soil characteristics. Department of Natural Resources maps also identify local land use and regulatory limitations, such as built-up areas (municipalities), proximity to airports, proximity to National Historic sites, and jurisdictional boundaries.

Lanier County is located in the Southern Coastal Plain physiographic province of Georgia. The county's land surface is characterized by gently rolling topography. In the unincorporated county floodplains have not been mapped,

while the City of Lakeland has floodplain maps. Flood hazards typically occur in late winter and early spring. In addition to floodplains, wetlands are also located throughout Lanier County. A draft wetlands inventory prepared by the U.S. Fish and Wildlife Service depicts the general location of wetland areas within Lanier County. Developing parcels that are within those depicted areas, or suspected of having wetlands, should have detailed wetlands delineation survey performed and follow all applicable requirements under Section 404 of the Federal Clean Water Act and the Lanier County Land Development Ordinance-Water Protection regulations.

Typical of coastal plain areas, the majority of Lanier County water is derived from the Floridan aquifer. This aquifer consists of confined limestone, dolostone, and calcareous sand. Underlying the Floridan are the Claiborne and Clayton aquifers. The Floridan aquifer is principally recharged immediately south of the Fall Line, which stretches across central Georgia from Columbus to Augusta. Most sedimentary rock formations of the Coastal Plain begin at the ground surface just south of the Fall Line. As a result this is where most aquifer water originates. Recharge can also occur at other points where the aquifer up dips to become closer to the surface allowing water from streams, sink holes, and ponds to permeate through more shallow ground into the aquifer. The Georgia Department of Natural Resources and the U.S. Geological Survey have mapped the generalized location of groundwater recharge areas within Lanier County. These maps are available for inspection at the offices of the South Georgia RDC. Because pollutants can spread uncontrollably throughout the aquifer, development of any kind in recharge areas should be limited.

Greater Lanier (Lanier County and the City of Lakeland) adopted a joint long-range comprehensive plan in 1994. The ten-year update of this comprehensive plan will be completed and adopted in June 2005. All units of government have zoning ordinances, land subdivision ordinances and enforce the State Construction Codes. Built-up areas in Lanier County consists of the City of Lakeland. No National Historic Districts exist in Lanier County, nor major airports exist in Lanier County.

Education and Public Involvement

An on-going public relations program to create an awareness of solid waste issues and encourage maximum participation in countywide waste reduction and recycling efforts has not been undertaken by Lanier County. Public information and education are the keys to any successful waste reduction program. The county has supported the Lanier County school system in the environmental education programs. The county has continued to enforce anti-littering laws and supports local beautification programs. The county and city annually publicize the full cost of providing solid waste management services.

Existing Financing

Lanier County and Lakeland currently finance solid waste services through user charges assessed for collection and disposal. County/City officials have indicated that existing solid waste management practices are adjusted to cover costs.

Lanier County's estimated annual cost of providing solid waste services (operating- \$29,140; collection/disposal- \$231,141) for a total of \$260,281. Lakeland's estimated annual cost of providing solid waste services is \$189,821. Lanier County and the City of Lakeland have not historically funded waste reduction or public education programs. Volunteers have undertaken efforts in these areas.

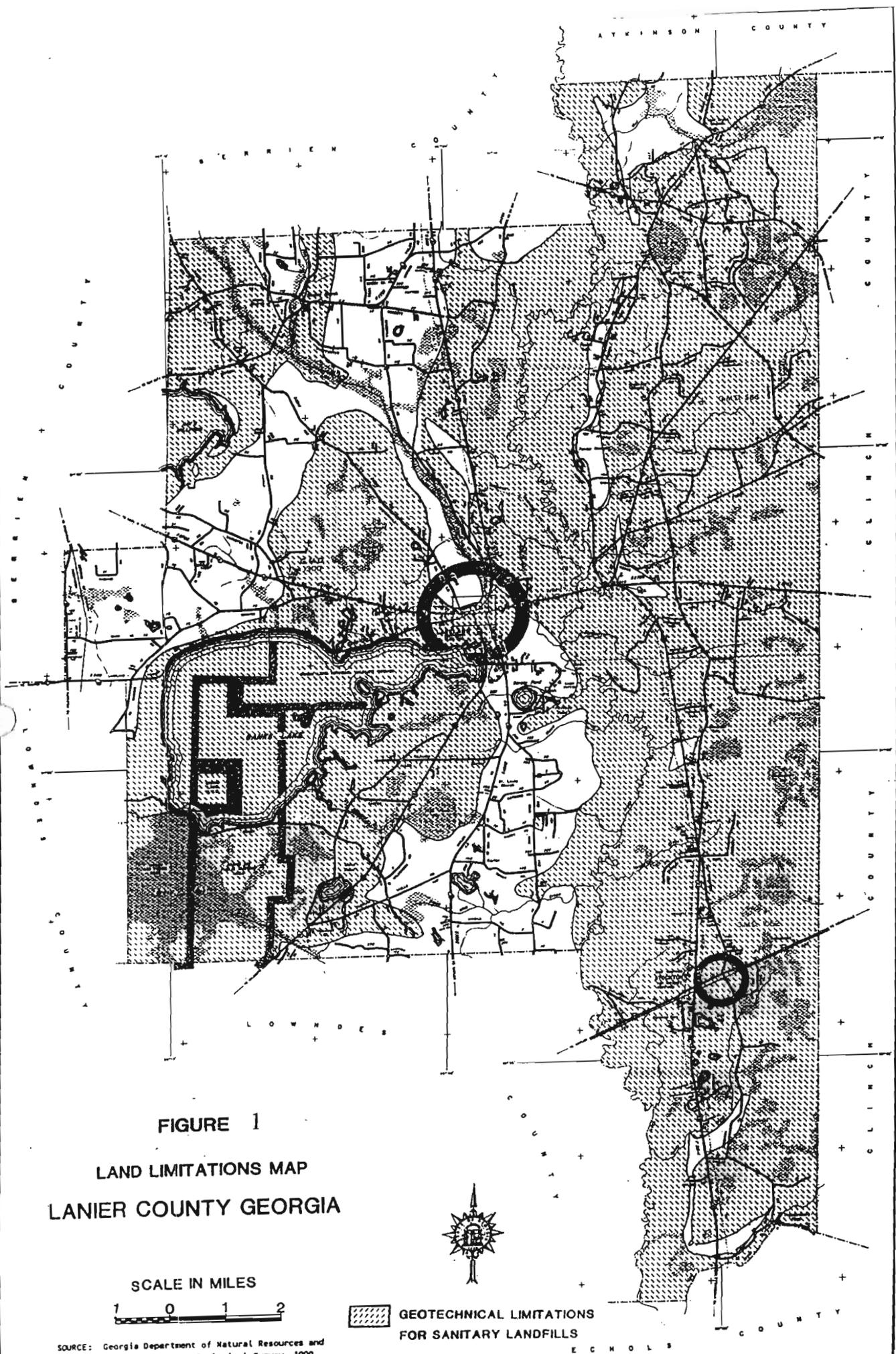


FIGURE 1
LAND LIMITATIONS MAP
LANIER COUNTY GEORGIA

SCALE IN MILES
 1 0 1 2

 **GEO TECHNICAL LIMITATIONS FOR SANITARY LANDFILLS**

SOURCE: Georgia Department of Natural Resources and the United States Geological Survey, 1990.

GOALS AND STRATEGIES

The following goal statements represent the future direction for Lanier County and the City of Lakeland in addressing solid waste management. A series of strategy statements is identified under each goal. The strategy statements address more specific issues and suggest courses of action for dealing with these issues. Accompanying each strategy statement is narrative, which further explains the purpose of the objective statement and, in some instances, provides examples. Local officials are confident that all the strategies outlined will allow each local government to successfully achieve the stated goals.

AMOUNT OF WASTE

GOAL I: TO DETERMINE THE AMOUNT AND COMPOSITION OF THE SOLID WASTE GENERATED WITHIN THE COUNTY IN ORDER TO HAVE A SOUND INFORMATION BASE UPON WHICH TO BASE SOLID WASTE MANAGEMENT DECISIONS AND TO DETERMINE IF STATEWIDE AND LOCAL GOALS HAVE BEEN MET.

Strategy I-1: Implement an on-going program of waste measurement and analysis.

In accordance with the Solid Waste Management Act of 1990, as amended, Greater Lanier began weighing waste amounts using portable scales and now rely upon private vendor to weigh the solid waste collected and disposed. With waste amounts (in tons) being documented, fiscal year 2004 will serve as the base year for countywide waste reduction efforts.

COLLECTION

GOAL II: TO ENSURE THE EFFICIENT AND EFFECTIVE COLLECTION OF SOLID WASTE AND RECYCLABLE AND COMBUSTIBLE MATERIALS WITHIN GREATER LANIER.

Strategy II-1: Continue existing collection practices and make modifications as necessary to support additional waste reduction and recycling programs. For the duration of the planning period, Greater Lanier will continue collecting solid waste via a door-to-door collection service. Throughout the planning period, Lanier County and the City of Lakeland will closely monitor the effectiveness and efficiency of each collection system.

Strategy II-2: The County currently contract with Onyx Evergreen, Inc., Valdosta, Georgia. The City provides its own collection service. The County is developing a contingency strategy for alternative collection on an interim basis. Two other collection companies Browning-Ferris, Inc. and Waste

Management, Inc. are being considered. These alternates will be on-line within thirty days.

Strategy II-3: The County and City in cooperation with the local and state Emergency Management Agency are preparing a “pre-disaster mitigation plan” to deal with wastes generated from natural disasters (floods, fires, tornadoes, hurricanes, earthquakes, etc.) The pre-disaster mitigation plan will be completed by June of 2005 and updated every five years thereafter.

WASTE REDUCTION

GOAL III: TO ENSURE, AT A MINIMUM, A 25 PERCENT PER CAPITA REDUCTION BY 2015 OF THE AMOUNT OF SOLID WASTE BEING RECEIVED AT DISPOSAL FACILITIES, BY PROMOTION OF SOURCE REDUCTION, REUSE, COMPOSTING, RECYCLING AND OTHER WASTE REDUCTION PROGRAMS TODAY AND IN THE FUTURE, THEREBY MAINTAINING AND ENHANCING THE QUALITY OF LIFE OF THE CITIZENS OF GREATER LANIER.

Strategy III-1: Implement local recycling programs to reduce the amount of: (1) paper/paperboard; (2) yard waste; (3) glass; and (4) other recyclable material.

As mentioned previously, Greater Lanier, through recycling agreements will develop recycling programs in an effort to exceed the 25 percent per capita reduction goal. Drop-off sites and compartmentalized collection trailers could be utilized for the following recyclables:

- Newspaper and magazines
- Bi-metal cans
- Aluminum cans
- Glass
- Plastic

In addition, Lakeland will continue collecting corrugated cardboard from several of the city's commercial and industrial establishments. Lanier County has diverted plastic chemical (agricultural) containers from the landfill. Upon collection, Greater Lanier will transport recyclables to local and regional markets.

Strategy III-2: White and brown goods, and tires are stockpiled and managed at the Lanier County Road Department and at Stockton. Onyx Evergreen of Valdosta, Georgia collects the white and brown goods on a fee per ton basis, and D. & J. Scrap Tire, 687 County Farm Road, Rochelle, Georgia removes all tires on a fee per ton basis.

DISPOSAL

GOAL IV: TO ENSURE THAT SOLID WASTE MANAGEMENT AND DISPOSAL FACILITIES SERVING LANIER COUNTY MEET REGULATORY REQUIREMENTS AND ARE IN PLACE WHEN NEEDED TO SUPPORT AND FACILITATE EFFECTIVE SOLID WASTE HANDLING PROGRAMS TODAY AND FOR THE SUBSEQUENT TEN-YEAR PERIOD, THEREBY MAINTAINING AND ENHANCING THE QUALITY OF LIFE OF THE RESIDENTS OF LANIER COUNTY.

Strategy IV-1: Continue using private vendor contracts for disposal at the Pecan Row Landfill and the Atkinson County Landfill for disposal through 2015.

Information regarding Lanier County/City use of Pecan Row Landfill and Atkinson County Landfill disposal capacity for the next ten years is included in the Appendix.

Strategy IV-2: The County and City currently contract with Onyx Evergreen at Pecan Row Landfill, and are developing a contingency strategy for alternative disposal on an interim basis. Disposal options include Tifton/Tift County Landfill, and Cook County Landfill. These alternative disposal sites will be on-line within thirty days.

Strategy IV-3: Continue to monitor via post-closure regulations at the former Lanier County Landfill.

LAND LIMITATION

GOAL V: TO ENSURE THAT PROPOSED SOLID WASTE HANDLING FACILITIES ARE SITED IN AREAS SUITABLE FOR SUCH DEVELOPMENTS, ARE COMPATIBLE WITH SURROUNDING USES AND ARE NOT CONSIDERED FOR LOCATION IN AREAS WHICH HAVE BEEN IDENTIFIED BY LOCAL OFFICIALS AS HAVING ENVIRONMENTAL OR OTHER LAND USE LIMITATIONS.

Strategy V-1: Identify land areas within Lanier County which are unsuitable for siting solid waste handling facilities.

The Land Limitations Map, Hydrologic Atlas 20, Ground-water Pollution Susceptibility maps prepared by the Georgia Department of Natural Resources, Georgia Environmental Protection Division, and Georgia Geologic Survey, identifies areas unsuitable for siting solid waste handling facilities. These maps, along with the Future Land Use Map and zoning ordinance maps, will be consulted by local officials as the need arises and in future planning efforts.

Strategy V-2: Prior to filing for a solid waste handling or C&D permit submit to Lanier County 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 Lanier County 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 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 county and cities. Any proposed solid waste handling facility will not negatively impact the natural and cultural environment and/or negatively impact public health and safety. Operational hours, vehicle traffic, etc., are all issues that should be addressed.
- (3) 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
- (4) That the proposed facility or facility expansion is sited in a location that is consistent with local zoning ordinances.

Strategy V-3: Prepare, adopt, and update a local comprehensive plan. Lanier County and the City of Lakeland will, in accordance with the Georgia Planning Act of 1989, prepare and update their comprehensive plan by June 30, 2005. The plan will include a detailed future land use element.

Strategy V-4: Continue to amend and update the 2025 Greater Lanier Comprehensive Plan, and the county and city land development and zoning ordinances.

EDUCATION AND PUBLIC INVOLVEMENT

GOAL VI: TO HELP THE RESIDENTS OF LANIER COUNTY TO ACHIEVE AN AWARENESS AND UNDERSTANDING OF THE SOCIAL AND ENVIRONMENTAL ISSUES, PROBLEMS, CONCERNS, AND NEEDS ASSOCIATED WITH SOLID WASTE MANAGEMENT, ESPECIALLY IN TERMS OF LITTERING, WASTE REDUCTION, RECYCLING, DISPOSAL OF HOUSEHOLD HAZARDOUS WASTE,

RECYCLING, COMPOSTING, PROCESSING, ENERGY RECOVERY, AND TO INCREASE SUPPORT FOR EFFECTIVE SOLID WASTE MANAGEMENT.

Strategy VI-1: Implement an on-going public relations program to create an awareness of solid waste issues and encourage maximum participation in countywide waste reduction and recycling efforts. Public information and education are the keys to any successful waste reduction program. Greater Lanier officials and volunteers will assume the lead role in countywide waste reduction and recycling efforts. Local efforts will focus on the following:

1. Conduct solid waste educational programs in the school system and the "Recycle as a Family" concept;
2. Hold annual events, activities, and contests throughout the year;
3. Strongly encourage source reduction and use of local recycling facilities;
4. Enlist the support and participation of local church congregations, as well as civic organizations, garden clubs, and community groups;
5. Utilize the local and regional media to the fullest extent possible to "get the word out" regarding the benefits of waste reduction and participation in local programs;
6. Continue to enforce anti-littering laws and support local beautification efforts.
7. Annually publicize the full cost of providing solid waste management services.

FUTURE FINANCING OF STRATEGIES

Financing is the process of paying for the selected solid waste system and is divided into two areas: (1) capital costs and (2) operating and maintenance costs. A well-designed system can easily fail because an operating budget was not prepared and inadequate revenue sources secured for the system's operation and maintenance. The financing of a solid waste system will often involve more than one source of funds. Four points, which are essential to a soundly financed system, are:

- (1) Accurate cost accounting is needed to establish and maintain a cost effective operation,
- (2) Funds collected for financing the system should be set-aside in a dedicated or earmarked fund,
- (3) An amount of money sufficient to accumulate the purchase price of major pieces of equipment and land should be placed in an account called a "sinking fund" each year, and
- (4) Revenues should reflect the actual costs of services provided.

Collection

Lanier County and the City of Lakeland collection system will continue to be financed through their user charges enterprise funds.

Disposal

Lanier County contracts with Onyx Evergreen for collection/disposal of the unincorporated area municipal solid waste. The City of Lakeland provides their own collection and transport MSW to Atkinson County for disposal of their municipal solid waste. Onyx-Evergreen collects and disposes commercial/industrial and Lanier County School wastes. The combined FY '04 cost for collection/disposal was \$449,962. This total includes funds allocated to provide engineering services for post closure monitoring at the former Lanier County Landfill.

Waste Reduction

Future waste reduction efforts in Greater Lanier will be financed through general fund allocations, user charges, and private donations. Local officials plan to seek financial assistance from state programs, if, and when funding becomes available.

Education and Public Involvement

Future funding for activities and programs in these areas will likely come from each local governments' general fund. Private sector assistance in countywide efforts will also be sought.

Cost Projections

Table 5 present cost projections (disposal, collection, waste reduction, and education/public involvement) for Greater Lanier. The projections include costs for: (1) operation and maintenance; and (2) capital expenditures. The cost projections presented in Table 5 represent the expenditures anticipated to fully implement each local governments' various solid waste management strategies. Each local government in annual budgeting processes will use these projections.

TABLE 5: LANIER COUNTY AND CITY OF LAKELAND SOLID WASTE MANAGEMENT PLAN

COST PROJECTIONS

	Lanier County	City of Lakeland	Joint County / City	Joint County / City
	Collection / Disposal	Collection / Disposal	Waste Reduction	Public Education
2006	\$ 253,774	\$ 185,076	\$ 1,500	\$ 1,000
2007	\$ 247,470	\$ 180,450	\$ 2,500	\$ 1,000
2008	\$ 241,285	\$ 175,939	\$ 2,000	\$ 1,000
2009	\$ 235,253	\$ 171,541	\$ 1,000	\$ 1,000
2010	\$ 229,372	\$ 167,253	\$ 2,500	\$ 1,000
2011	\$ 223,638	\$ 163,072	\$ 1,000	\$ 1,000
2012	\$ 218,048	\$ 158,996	\$ 1,000	\$ 1,000
2013	\$ 212,597	\$ 155,021	\$ 1,000	\$ 1,000
2014	\$ 207,282	\$ 151,046	\$ 1,000	\$ 1,000
2015	\$ 202,100	\$ 147,267	\$ 1,000	\$ 1,000

Source: Lanier County & City of Lakeland, 2004. Analysis: South Georgia Regional Development Center, 2004.
 Assumes: (1) Use of contract collection & disposal. (2) A 25% per capita reduction in MSW due to aggressive waste reduction/recycling.
 (3) Post-closure monitoring at Lanier County Landfill costs \$10K/y and will amount to \$100K for ten years.

**South Georgia Multi-Jurisdictional Solid Waste Management Plan
Lanier County Solid Waste Management Plan
2006-2015 Short-Term Work Program**

	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Responsible Party	Est. Cost	Funding Source
<u>Amount of Waste</u> Maintain accurate records of the amount of materials collected/recycled	X	X	X	X	X	X	X	X	X	X	County Commission City Council	NA	County / City
Utilize the DCA waste stream sort for recycling needs	X			X			X			X	Jointly County/City	NA	County / City
<u>Collection</u> Continue door to door collection countywide	X	X	X	X	X	X	X	X	X	X	Lanier County City of Lakeland	\$260,281 \$189,821	User fees User fees
Establish / encourage the use of drop-off sites for the collection of recyclables	X	X	X	X	X	X	X	X	X	X	Jointly County/City	\$1,450/y	General Fund
Monitor the effectiveness of collection practices annually	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	County / City
<u>Waste Reduction</u> Divert yard trimmings and construction/demolition waste to inert landfill-15 % reduction	X	X	X	X	X	X	X	X	X	X	Jointly County/City	Unknown	User fees/ GF
Market all recyclables-8% drop	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	Sales/Gen. Fund
Work with local businesses to target corrugated cardboard (Est. reduction 10%)	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	County/City
Support waste reduction and recycling efforts undertaken by schools, churches, and other organizations	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	County/City

	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Responsible Party	Est. Cost	Funding Source
Monitor effectiveness of waste reduction programs on annual basis (decrease in MSW tonnage saves dollars)	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	County/City
Participate in solid waste related workshops & seminars	X	X	X		X		X				Jointly County/City	\$200/y	County/City
Disposal													
Continue using Pecan Row and Atkinson Landfills for MSW disposal	X	X	X	X	X	X	X	X	X	X	County Commission City Council	\$260,281 \$189,821	User fees/GF Enterprise funds
Continue to utilize the inert Landfill for non-MSW disposal	X	X	X	X	X	X	X	X	X	X	County Commission City Council	Unknown Unknown	User fees User fees
Education & Public Involvement													
Actively support school system environmental education efforts	X	X	X	X	X	X	X	X	X	X	County Commission City Council	NA NA	County City
Partner with local media (radio, TV, newspapers) to solicit assistance in education and public involvement efforts	X	X	X	X	X	X	X	X	X	X	County/City	NA	County/City
Land Limitation													
Use land limitation maps, and zoning ordinances & maps in future planning efforts	X	X	X	X	X	X	X	X	X	X	County Commission City Council	NA NA	County City
General													
Update solid waste management plan annually	X	X	X	X	X	X	X	X	X	X	County Commission City Council	NA NA	County City
Seek assistance thru available state/federal financial programs											County Commission City Council	NA NA	County City
Annually inform public of the full cost of solid waste services	X	X	X	X	X	X	X	X	X	X	County Commission City Council	\$200/y \$200/y	General Fund General Funds
Adopt & do five year update of Pre-Disaster Mitigation Plan	X					X					Jointly County/City	\$5,000	General Funds

	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Responsible Party	Est. Cost	Funding Source
Enforce anti-littering laws	X	X	X	X	X	X	X	X	X	X	County/City	Unknown	General Funds
Maintain a contingency strategy for the interim collection and disposal of solid waste, and a timeline to bring it on-line	X	X	X	X	X	X	X	X	X	X	Jointly County/City	NA	County/City



ATKINSON COUNTY
Solid Waste
Management Authority

OFFICE ADDRESS:
1000 Atkinson Blvd.
Willacoochee, GA 31650

Office: (912) 534-5972
Fax: (912) 534-5975
Email: swmaa@planttel.net

January 4, 2005

Betty Chadwick, Mayor
City of Lakeland
122 South Valdosta Road
Lakeland, Georgia 31635

Re: SR 50, Permit Number 002-009D (MSWL) capacity assurance.

Dear Mayor Chadwick,

The Solid Waste Management Authority of Atkinson County (SWMA) appreciates our partnership with the City of Lakeland. This letter is to assure Lakeland that SWMA has the capacity to accept their 1052 tons of waste per year for the next 10- years. Please call 912-534-5972 with any questions or if further information is necessary.

Sincerely,

A handwritten signature in cursive script that reads "Lamar Park".

Lamar Park,
SWMA Director

Cc: Mike Morgan,
RDC



WASTE SERVICES

November 1, 2005

Mr. Jody Hamm, Chairman
Lanier County Commission
100 Main Street
Lakeland, GA 31635

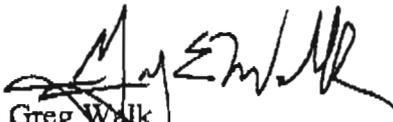
RE: Disposal Capacity Assurance Letter

Dear Mr. Davis:

This letter serves as a disposal capacity assurance for waste generated by Lanier County from 2005 to 2015. The Georgia EPD permit number for this facility is 092-019D (MSWL). This assurance is based upon Lanier County disposing of approximately 2,456 tons of waste on an annual basis.

Please feel free to call us if you have any questions or desire additional information.

Sincerely,



Greg Walk
Area Manager

TRANSMITTAL RESOLUTION

A RESOLUTION OF THE BOARD OF COMMISSIONERS, LANIER COUNTY, TO TRANSMIT THE 2015 LANIER COUNTY SOLID WASTE MANAGEMENT PLAN AND SUBMIT NOTIFICATION TO THE SOUTH GEORGIA REGIONAL DEVELOPMENT CENTER AND THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

WHEREAS, Lanier County recognizes the need to update their Solid Waste Management Plan and their Ten-Year Implementation Strategy; and

WHEREAS, the County of Lanier agreed, through the adoption of joint resolutions, to develop a county-wide plan solid waste management plan; and

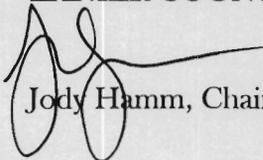
WHEREAS, the 2015 Lanier County Solid Waste Management Plan was prepared for the County of Lanier by the Lakeland / Lanier County Planning Advisory Commission in accordance with the Minimum Planning Standards and Procedures for Solid Waste Management; and

WHEREAS, THE PUBLIC PARTICIPATION REQUIREMENTS of the Minimum Planning Standards and Procedures for Solid Waste Management were met with one public hearing held August 17, 2004 prior to the development of the Solid Waste Management Plan, and a second public hearing held April 6, 2005 to receive input on the Solid Waste Management Plan.

NOW THEREFORE BE IT RESOLVED, that the proposed 2015 Lanier County Solid Waste Management Plan be accepted by the Lanier County Board of Commissioners, and that this Plan be transmitted to the South Georgia Regional Development Center and the Georgia Department of Community Affairs for review as required by the Georgia Comprehensive Solid Waste Management Act.

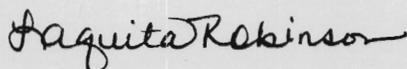
DULY RESOLVED: THIS 11th DAY OF April, 2005.

LANIER COUNTY



Jody Hamm, Chairman

ATTEST:



LaQuita Robinson-, County Clerk

TRANSMITTAL RESOLUTION

A RESOLUTION OF THE LAKELAND CITY COUNCIL, LANIER COUNTY, TO TRANSMIT THE 2015 LANIER COUNTY SOLID WASTE MANAGEMENT PLAN AND SUBMIT NOTIFICATION TO THE SOUTH GEORGIA REGIONAL DEVELOPMENT CENTER AND THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

WHEREAS, the City of Lakeland recognizes the need to update their Solid Waste Management Plan and their Ten-Year Implementation Strategy; and

WHEREAS, the City of Lakeland agreed, through the adoption of joint resolutions, to develop a county-wide plan solid waste management plan; and

WHEREAS, the 2015 Lanier County Solid Waste Management Plan was prepared for the City of Lakeland by the Lakeland / Lanier County Planning Advisory Commission in accordance with the Minimum Planning Standards and Procedures for Solid Waste Management; and

WHEREAS, THE PUBLIC PARTICIPATION REQUIREMENTS of the Minimum Planning Standards and Procedures for Solid Waste Management were met with one public hearing held August 17, 2004 prior to the development of the Solid Waste Management Plan, and a second public hearing held April 6, 2005 to receive input on the Solid Waste Management Plan.

NOW THEREFORE BE IT RESOLVED, that the proposed 2015 Lanier County Solid Waste Management Plan be accepted by the Lakeland City Council, and that this Plan be transmitted to the South Georgia Regional Development Center and the Georgia Department of Community Affairs for review as required by the Georgia Comprehensive Solid Waste Management Act.

DULY RESOLVED: THIS 12th DAY OF APRIL, 2005.

CITY OF LAKELAND

Betty Chadwick
Betty Chadwick, Mayor

ATTEST:

Juanita Cornelison
Juanita Cornelison, City Clerk

ADOPTION RESOLUTION

A RESOLUTION OF LANIER COUNTY, GEORGIA TO ADOPT THE 2015 LANIER COUNTY SOLID WASTE MANAGEMENT PLAN OF THE SOUTH GEORGIA MULTI-JURISDICTIONAL SOLID WASTE MANAGEMENT PLAN AND SUBMIT NOTIFICATION TO THE SOUTH GEORGIA REGIONAL DEVELOPMENT CENTER AND THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

WHEREAS, Lanier County recognizes the need to update their solid waste management plan and their Short-Term Work Program; and

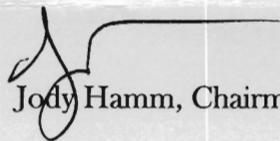
WHEREAS, the proposed updates to the Lanier County STWP have been prepared depicting federal fiscal years 2005 through 2015; and

WHEREAS, the Transmittal Resolution was submitted to the South Georgia Regional Development Center and the Georgia Department of Community Affairs, and the updated solid waste management plan was reviewed by them and found to be in compliance with the Minimum Planning Standards and Procedures and consistent with adopted regional plans and policies.

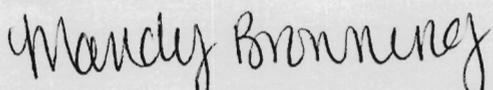
NOW THEREFORE BE IT RESOLVED, that the Lanier County Chairman and County Commissioners do hereby adopt the 2015 Lanier County Solid Waste Management Plan amendment to the South Georgia Multi-Jurisdictional Solid Waste Management Plan and transmit notification to the South Georgia Regional Development Center and the Georgia Department of Community Affairs for certification of completion.

DULY RESOLVED: THIS 13 DAY OF June, 2005.

LANIER COUNTY


Jody Hamm, Chairman

ATTEST:


Mandy Browning, Acting County Clerk

ADOPTION RESOLUTION

A RESOLUTION OF THE CITY OF LAKELAND, GEORGIA TO ADOPT THE 2015 LANIER COUNTY SOLID WASTE MANAGEMENT PLAN OF THE SOUTH GEORGIA MULTI-JURISDICTIONAL SOLID WASTE MANAGEMENT PLAN AND SUBMIT NOTIFICATION TO THE SOUTH GEORGIA REGIONAL DEVELOPMENT CENTER AND THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

WHEREAS, the City of Lakeland recognizes the need to update their solid waste management plan and their Short-Term Work Program; and

WHEREAS, the proposed updates to the City of Lakeland STWP have been prepared depicting federal fiscal years 2005 through 2015; and

WHEREAS, the Transmittal Resolution was submitted to the South Georgia Regional Development Center and the Georgia Department of Community Affairs, and the updated solid waste management plan was reviewed by them and found to be in compliance with the Minimum Planning Standards and Procedures and consistent with adopted regional plans and policies.

NOW THEREFORE BE IT RESOLVED, that the City of Lakeland Mayor and City Council do hereby adopt the 2015 Lanier County Solid Waste Management Plan amendment to the South Georgia Multi-Jurisdictional Solid Waste Management Plan and transmit notification to the South Georgia Regional Development Center and the Georgia Department of Community Affairs for certification of completion.

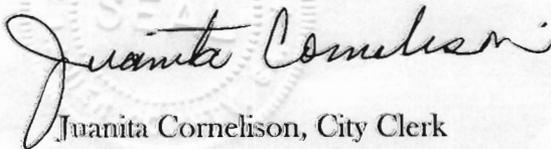
DULY RESOLVED: THIS 14th DAY OF June, 2005.

CITY OF LAKELAND



Betty Chadwick, Mayor

ATTEST:



Juanita Cornelison, City Clerk