

# **THE JOINT TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN 2019**



**June, 2010**

# **The Joint Toombs County Solid Waste Management Plan 2019**

Prepared For:  
Toombs County  
City of Lyons  
City of Santa Claus  
City of Vidalia

Prepared By:  
Heart of Georgia Altamaha Regional Commission  
August, 2009  
Revised June, 2010

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## **Section 1 Introduction**

### **1.1 General Description of Planning Area**

Toombs County is located in Southeast Georgia along the intersection of U.S. Highways 1 and 280 approximately halfway between Macon and Savannah. The County's location places it about 100 miles from the Atlantic Ocean. Created by a State Legislative act in 1905, Toombs County is a community that has experienced slow but steady growth since 1990, with a significant and increasing Hispanic population. With Interstate 16 traversing just some 10 miles north of the county and nine state routes traversing throughout the county, Toombs County has good transportation routes connecting the county to several of Georgia's major cities as well as other parts of the state. These transportation routes serve as major thoroughfares through Toombs County. Many motorists traveling east to west from Savannah to Columbus utilize U.S. 280 as an efficient means of transportation. U.S. 1 and Georgia Highway 15 provide the county with excellent access south to Florida as well as north to Augusta and Athens, respectively.

While its landscape remains dominated by agriculture and forestry uses, it is a regional economic growth center offering a diverse economy with over 11,700 jobs and outstanding governmental, health and education facilities. Despite the loss of most of its apparel manufacturing jobs in the 1990s, the county still grew by about 2,000 persons during the decade. The county has continued to be successful in economic diversification, and continues to exhibit progressive leadership. Toombs County is an important agricultural/forestry producer because of the Vidalia Sweet Onion and vegetable production, as well as timber production and pine straw. The City of Vidalia, the largest municipality, has a population of about 11,350 persons, and is the principal location of county commercial, industrial, governmental and social activity.

Growth has been slow but steady since the 1990s because of the county's economic diversification, its location along U.S. Highways 1 and 280, its proximity to I-16, available services and infrastructure, its current status as a rural retail trade/service center, and ample and available land. Vidalia's

regional growth center status with many jobs, outstanding health care and educational facilities, much available land for all uses, and excellent community facilities and quality-of-life continues to portend steady and ongoing future growth and development. Location, transportation, natural and cultural resources, and quality of life, along with much economic opportunity continue to figure prominently in future growth and development as they have in the past.

### **1.2 Description of Topography**

The elevation of Toombs County ranges from about 300 feet in Vidalia in the western portion of the county to about 70 feet in the southern portion along the Altamaha River. Located in the Southern Coastal Plain, the county has both well drained, gently to strongly sloping soils along irregular ridges as well as poorly drained lowlands characterized by broad, sluggish streams. Most of the soils feature a sandy surface layer with a sandy to loamy subsoil, although clay subsoil is sometimes present.

A vast majority of Toombs County's land area consists of agriculture and forestland (76.87 percent). Approximately another one-fifth (17.87 percent) is residential. The total square mileage of land area in Toombs County is 369 miles.

### **1.3 Description of Population**

With an estimated 2008 population of 28,102, the county's population increased 24.4 percent from 1980 to 2008, including an estimated increase of 7.8 percent between 2000 and 2008. Current population projections by the Heart of Georgia Altamaha Regional Commission for Toombs County show an estimated 2020 total population of 30,994 and an estimated 2030 total population of 33,735. Households countywide have increased by 28.7 percent over the last two decades, slightly higher as a percentage than that of the overall population. Toombs County has three incorporated cities that are participating in this solid waste plan, and the following population and household estimates shown in Tables 1-1 and 1-2, respectively, are from the U.S. Census Bureau and are the most recent data available.

**Table 1-1**  
**Total Population (2000 and 2008)**  
**Toombs County Governments**

	2000	2008	2000-2008 Percentage Change
Toombs County	26,067	28,102	7.8%
Lyons	4,169	4,515	8.3%
Santa Claus	237	250	5.5%
Vidalia	10,491	11,355	8.2%

Sources: U.S. Census Bureau, Heart of Georgia Altamaha Regional Commission Staff, 2009

**Table 1-2**  
**2000 Total Number of Households**  
**Toombs County Governments**

	2000
Toombs County	9,877
Lyons	1,547
Santa Claus	79
Vidalia	4,167

Source: U.S. Census Bureau, 2009

#### **1.4 Employment Information**

There were 16,104 employed workers in Toombs County as of 2006, which is about one-fourth of the jobs in the county's labor market area. It is also an increase of some 38 percent since 1990. The largest employer in Toombs County is Meadows Regional Medical Center in Vidalia, which employs over 1,000 people. It is currently located at 1703 Meadows Lane in Vidalia, although construction of a new hospital is presently underway between U.S. Highway 280 and Georgia Highway 292 on the city's eastern side. The largest

commercial employer is Runners Diversified, Inc, a manufacturer of heating/air conditioning systems under the brand names of American Standard and Trane. It employs approximately 1,000 people and has two plants located in Vidalia. The largest employer in Lyons is Oxford Industries, a textile manufacturer employing some 300 persons. Although no employment projections are currently available, it is expected that current trends will continue, barring the closure of any large-scale establishments in the county.

## **Section 2 Waste Disposal Stream Analysis**

### **2.1 Inventory of Waste Stream Generators**

Contributing to the overall waste stream in Toombs County are households and commercial businesses, along with contributions from industries (Savannah Luggage Works) and one institution (Toombs Central Elementary School). In the City of Lyons, industries (Oxford, Chicken of the Sea), households, institutions (4 county public schools), and commercial businesses contribute to the overall waste stream. In the City of Santa Claus, households and a minimal number of commercial businesses contribute to the overall waste stream. In the City of Vidalia, commercial businesses (Wal-Mart, Lowe's, etc.), households, industries (DOT Foods, Trane/American Standard, etc.), and institutions (Meadows Regional Medical Center, Southeastern Technical College, 4 city public schools) contribute to the overall waste stream.

Table 2-1 highlights a breakdown of the estimated current overall waste stream in Toombs County by specific categories. The percentages shown are based on a regional waste characterization study that was part of a broader statewide study done for the Georgia Department of Community Affairs in 2005. The data are percentages for the Heart of Georgia Altamaha Region, of which Toombs County is a part. Local percentages are assumed to be the same as that for the Region since no specific local data is available. According to the study, paper and organic waste are by far the largest estimated contributors to the overall waste stream, both about one-third each, with plastic about another one-sixth, and glass, metal, construction and demolition (C&D) waste, and inorganic waste contributing much smaller amounts.

**Table 2-1**  
**2009 Toombs County Disposed MSW Waste Composition**  
**(In Percentages)**

Paper	Plastic	Glass	Metal	Organic	C&D	Inorganic
32.3	14.9	3.1	5.9	30.9	8.1	4.9

Source: Georgia Department of Community Affairs Waste Characterization Study, Heart of Georgia Altamaha Region, 2005

## **2.2 Anticipated Waste Amounts**

Because solid waste collection and disposal in Toombs County is a joint operation among the county and all three of the municipalities, projections for the anticipated waste amounts of the municipalities are included in the countywide projections that are shown in Table 2-2. Several steps were required to determine the amount of municipal solid waste that is disposed in Toombs County in terms of pounds per person per day through the years of 2008 to 2019. First, the population estimate for 2008 was utilized, while the total population for the county was projected from 2009 through 2019. Once the population was projected, the amount of waste that was disposed of by Toombs County and its municipalities from 2008-2009 was recorded for each year. The total tonnage of waste disposed for 2008-2009 was then divided by 365 to get the total tons per day. Then the total tons per day was divided by the population totals for 2008-2009 to get a per capita tons disposed per day. Next, the total tons per capita were multiplied by 2,000 (2,000 lbs. equals one ton) to get the total pounds per day. Toombs County and its municipalities are projected to dispose approximately 9.56 pounds per person per day from 2008 to 2019. This 9.56 pounds per person per day figure calculated for 2008 is assumed to remain static throughout the planning period to better assure proper disposal capacity, even though it may well change. According to the State of Georgia's 2008 Annual Solid Waste Report, the statewide disposal rate in FY 2008 was 6.07 pounds/per person/per day. Therefore, Toombs County and its municipalities are above the state disposal rate. It also likely means there is much room for local reduction/recycling to make a big difference.

The composition of the municipal solid waste generated each year from 2008-2019 is also broken down in tons based upon tonnage figures during 2008 and the regional waste characterization study mentioned earlier. Again, local percentages are assumed to be the same as that for the Region since no specific local figures are available that would break down the local waste composition by type. The projections are based on those made for total tonnage disposed from 2008-2019 in Table 2-2. The estimated composition of solid waste for each year is given from 2008 through 2019 in Table 2-3.

**Table 2-2**  
**Annual Projections of Toombs County**  
**Municipal Solid Waste 2008-2019 (in Tons)**

Year	Population	Tons Disposed	Lbs./Person/Day Disposed
2008	28,102	49,030	9.56
2009	28,235	49,262	9.56
2010	28,475	49,680	9.56
2011	28,718	50,104	9.56
2012	28,962	50,530	9.56
2013	29,209	50,961	9.56
2014	29,457	51,394	9.56
2015	29,708	51,832	9.56
2016	29,961	52,273	9.56
2017	30,216	52,718	9.56
2018	30,473	53,166	9.56
2019	30,734	53,622	9.56

Sources: US Bureau of the Census (2008 population data),  
www.census.gov, Heart of Georgia Altamaha RC Staff (population  
projections), Georgia Department of Community Affairs, 2009

Note: Projections were based on most recent data available

**Table 2-3**  
**Annual Projections of Toombs County**  
**Municipal Solid Waste Separated by Type 2008-2019 (in Tons)**

Year	Paper	Plastic	Glass	Metal	Organic	C & D	Inorganics
2008	15,837	7,305	1,520	2,893	15,150	3,971	2,402
2009	15,912	7,340	1,527	2,906	15,222	3,990	2,414
2010	16,047	7,402	1,540	2,931	15,351	4,024	2,434
2011	16,184	7,465	1,553	2,956	15,482	4,058	2,455
2012	16,321	7,529	1,566	2,981	15,614	4,093	2,476
2013	16,460	7,593	1,580	3,007	15,747	4,128	2,497
2014	16,600	7,658	1,593	3,032	15,881	4,163	2,518
2015	16,742	7,723	1,607	3,058	16,016	4,198	2,540
2016	16,884	7,789	1,620	3,084	16,152	4,234	2,561
2017	17,028	7,855	1,634	3,110	16,290	4,270	2,583
2018	17,173	7,922	1,648	3,137	16,428	4,306	2,605
2019	17,320	7,990	1,662	3,164	16,569	4,343	2,627

Sources: Heart of Georgia Altamaha RC Staff, Georgia Department of Community Affairs, 2009

## **Section 3 Waste Reduction Element**

### **3.1 Source Reduction Programs**

Toombs County and its municipalities do not have any formal source reduction programs through reuse programs, financial incentives, waste audits, waste exchanges, or industrial process changes.

### **3.2 Recycling Programs**

#### **3.2.1 Public Programs**

As a part of local efforts to address the State of Georgia's goal to reduce the amount of waste disposed by 23% by 2017, Toombs County has designated areas at the Toombs County Municipal Solid Waste (MSW) Landfill for residents to properly dispose of their scrap metal, tires, yard waste, white goods, and brown goods. Citizens may also dispose of the recyclables at the manned solid waste collection center on Hitchcock Road near Cedar Crossing community on Mondays, Wednesdays, Fridays, and Saturdays from 7 a.m. until 7 p.m., and Sundays from 1 p.m. until 6 p.m. Brown goods, scrap metal, and yard waste are disposed of in designated areas at the Toombs County Construction and Demolition (C&D) Landfill, an area of 71 acres adjacent to the MSW Landfill. An area of one-half (0.5) acre at the C&D Landfill is permitted to receive collected scrap tires. Once a sufficient amount of tires has accumulated, they are collected and transported by Quality Tire Recycling in Jackson, Georgia for proper disposal. As a sufficient amount of white goods is collected at the landfill, they are sold to the highest bidder. Brown goods, scrap metal, and yard waste remain in their designated areas in the C&D Landfill and are disposed of there, due to the current lack of available local markets for these items, as well as no current local composting/mulching programs. The County currently does not collect batteries or electronics. Citizens are encouraged to return them to the place of business from which they were purchased to be properly recycled.

The City of Lyons has a curbside collection program to collect various recyclable items such as aluminum cans, cardboard, glass, plastic, and paper. The City also collects white goods and yard waste for an additional

fee. The recyclables are collected on a once per week basis for residential and commercial customers or on an as needed basis. The recyclables are taken to the city collection center on South Lexington Street, located behind the City's fire department and adjacent to the City's shop, where they are collected until they are properly disposed of. The aluminum cans, cardboard, glass, oil, plastic, and paper are then collected and transported by Clark Recycling Inc. of Stillmore, Georgia for proper recycling. The yard waste is taken to an EPD permitted five-acre inert landfill on North Hall Street. White goods are taken by the City to the Toombs County MSW Landfill, where they are placed in a designated holding area and sold to the highest bidder once a sufficient amount is collected. Brown goods, metals (except aluminum cans as mentioned above), and tires are not collected by the City at this time. Residents must take those items to the County's C&D Landfill, where brown goods and metals are both placed in designated holding areas for disposal due to the current lack of available local markets for these items. Tires are placed in a designated area until a sufficient amount has accumulated. Then they are collected and transported by Quality Tire of Jackson, Georgia for proper disposal. The City currently does not collect batteries or electronics. Citizens are encouraged to return them to the place of business from which they were purchased to be properly recycled.

The City of Vidalia also has a curbside recycling program to collect various recyclables such as plastic, mixed paper, aluminum cans, tin cans, glass, cardboard, yard waste, white goods and brown goods. There is an additional fee for the collection of brown goods. The recyclables are collected on a once per week basis for residential and commercial customers or on an as needed basis by Sullivan Environmental Services. In addition to curbside collection, citizens may take recyclables to a manned convenience center on Brinson Road, adjacent to the City's Public Works Department. The convenience center is open Mondays through Saturdays from 10 a.m. until 6 p.m. The center has separate containers to collect the various types of recyclables it accepts. All materials, except for white and brown goods, are comingled and are taken by Sullivan to the Swainsboro Recycling Center in Swainsboro, Georgia. The yard waste is taken by the City to a 15-acre EPD permitted area on Airport Road. White

goods are taken by the City to the Toombs County MSW Landfill, where they are placed in a designated holding area and sold to the highest bidder once a sufficient amount is collected. Brown goods are taken by the City to the Toombs County C&D Landfill, where they are placed in a designated area for disposal due to the current lack of available local markets for them. The City does not collect metals at this time, other than aluminum cans and tin cans as mentioned above. Citizens must take scrap metal to the County's C&D Landfill, where those items are placed in a designated holding area for disposal due to the current lack of available local markets for them. The City currently does not collect batteries, electronics, or tires. Citizens are encouraged to return them to the place of business from which they were purchased to be properly recycled, or they may take used tires to the County's C&D Landfill. Tires are placed in a designated area until a sufficient amount has accumulated. Then they are collected and transported by Quality Tire of Jackson, Georgia for proper disposal.

The City of Santa Claus has not developed a recycling and collection program, nor does the City have a program to collect any special management items (white goods, brown goods, tires, metals, batteries, electronics, etc.). Citizens are encouraged to take their recyclables to the County's MSW landfill. A more comprehensive recycling program needs to be developed concerning household recyclables and other items.

According to the figures obtained from Toombs County, a total of 102 tons of recyclables (Only local data for white goods and scrap tires were available.) were collected in 2008. The total amount of recyclables (white goods and scrap tires) separated by type from 2006-2009 is shown in Table 3-1 and is based on local data. The figures for 2009 were extrapolated from the first 9 months of the year to get an amount for the entire year.

The projected increase of recyclables from 2008-2019 are based on the countywide population projection because all three of the county's municipalities are included in the County's population projection. The total amount of the recyclables for each year from 2008-2019 is also

shown in tons based upon the projected amount of waste to be disposed in Toombs County from 2008-2019. Two different amounts are shown for each year for comparison purposes. The first projection is based on the current percentage of the total amount of disposed waste that is recycled in Toombs County as of 2008 (6.4%). This percentage was then multiplied by the projected amount of waste disposed for each year from 2008-2019 for planning purposes. The second projection is based on the County's goal of achieving the state's 23% waste disposal reduction goal by 2017 and shows how much waste would be recycled for each year if that 23% goal were to be met for each year. Again these projections are for planning purposes, and these amounts and percentages may very well change. The estimated amounts for recyclables from 2008 through 2019 can be found in Table 3-2.

**Table 3-1**  
**Toombs County Current Recyclables Separated by Type**  
**2006-2009 (in Tons)**

Year	White Goods	Tires
2006	94	8
2007	96	9
2008	92	10
2009	94	10

Source: Toombs County, 2009. Note: Total amount of all recyclables based on Toombs County figures.

**Table 3-2**  
**Annual Projections of Toombs County Recyclables**  
**2008-2019 (in Tons)**

Year	Total Tons Disposed	Total Amount of Recyclables Based on Current Percentage of Materials Recycled	Total Amount of Recyclables Based on 23% State Waste Reduction Goal by 2017
2008	49,030	92	11,277
2009	49,262	94	11,330
2010	49,680	96	11,426
2011	50,104	98	11,524
2012	50,530	100	11,622
2013	50,961	102	11,721
2014	51,394	104	11,821
2015	51,832	106	11,921
2016	52,273	108	12,023
2017	52,718	110	12,125
2018	53,166	112	12,228
2019	53,622	114	12,333

Source: Toombs County, HOGARC Staff, 2009

### **3.2.2 Private Programs**

The Wal-Mart SuperCenter in Vidalia, along with all Wal-Mart stores in the U.S., actively participates in a company-wide recycling program that is part of the company's goal of completely eliminating waste being taken by its stores to landfills by 2025, as well as reducing global plastic shopping bag waste by 33 percent by 2013. Wal-Mart uses a "sandwich baling" process in which loose plastic (shrink wrap, garment bags, grocery bags) is sandwiched between layers of cardboard, bundled together in bales, and then sent to certified processors for recycling. Wal-Mart also participates in recycling various consumer electronics such as cell phones, MP3 players, old television sets, DVD players, laptops, and digital cameras. In 2008 the local store began using reusable plastic shopping bags. The company is also in the process of developing a closed-loop program,

whereby they will send some of their materials to suppliers who will then use the products to make new materials to be returned to Wal-Mart's shelves and operations.

The Lowe's Home Improvement Store in Vidalia, along with all Lowe's stores in the U.S., actively participates in a company-wide recycling program to continuously promote and increase the utilization of recyclable materials. The company has as its policy to work with suppliers to increase the procurement of quality recycled, engineered and alternative products, including alternative fiber and tree-free paper products used for printing and packaging. Recyclable products, such as reusable shopping bags, are also utilized whenever possible.

There are several businesses in Vidalia that will accept used oil from citizens for proper recycling. Among them include Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. According to the American Petroleum Institute, recycling just two gallons of used oil can generate enough electricity to run the average household for nearly 24 hours. Oil can also be reprocessed and used in furnaces for heat or in power plants to help generate electricity production. Refineries also specialize in processing recycled oil and re-refining it into lubricating base oils that can be used to formulate engine oils.

### **3.2.3 Assessment of Recycling Programs**

Toombs County and the cities of Lyons and Vidalia have developed a recycling and collection program for their respective jurisdictions with some effectiveness. The county-wide recycling program for special management items through Toombs County's C&D landfill targets all residents of Toombs County and encourages the recycling of items through proper disposal. The utilization of recycling efforts through the County's C&D landfill, coupled with curbside household recycling programs in both Lyons and Vidalia, has resulted in more citizens being able to participate in the local recycling program. Due mainly to a lack of sufficient funding, no recycling program exists within the City of Santa Claus at this time, leaving residents to utilize the County for recycling efforts limited to special management items. A more comprehensive

recycling program needs to be developed concerning household recyclables and other items in the unincorporated area, as well as in Santa Claus, and it has the potential for growth and success if additional funding were available. Although funding is limited due to a small tax base, a limited program that would accept such items as newspapers, magazines, plastics, and/or aluminum cans would help the community to move towards furthering state and local waste reduction goals. Potential markets for brown goods and/or metals need to be explored also, through such private entities as Barber Recycling of Alma, Georgia (metals) or other outlets.

Another idea that merits some potential exploration is perhaps developing a partnership with SP Newsprint in Dublin, Georgia to assist in increasing the amount of paper and other recycling locally. The company has an active and vibrant partnership with Laurens County to accept various recyclables, which is in turn used by the company's Dublin mill to produce fiber to assist in the production of paper products. The company also will accept recyclables from other locations as well. Such a partnership may provide a needed boost to establishing a more organized recycling effort locally, while providing a market for paper recyclables.

Although not directly dealing with recycling but nonetheless important to helping to achieve local and state waste reduction goals, the County is in the process of working with America's Waste to Energy (AW2E) to develop and implement the first Biosphere Gasification System in the state at the County's Landfill. This program will be described in greater detail under Section 5.1.2 "Thermal Treatment Technologies." The company projects that the Biosphere will achieve an approximate 93 percent reduction in the total amount of solid waste by weight that will be stored at the landfill, with the remaining 7 percent resulting in an inert byproduct of energy production that will be placed in the C&D portion of the landfill. If coupled with increased local recycling efforts, the program has potential to help the community better meet local and state waste reduction goals.

### **3.2.4 Special Management Items**

Toombs County has a program to collect scrap metal, tires, yard trimmings, white goods (refrigerators, washers/dryers, etc.), and brown goods (e.g. furniture) throughout the unincorporated area. The brown goods, yard trimmings, and scrap metal are taken to the Toombs County C&D Landfill and disposed of there in designated holding areas for each item, due to the present lack of available markets locally for brown goods and metals and no local composting/mulching program for yard debris. An area of one-half (0.5) acre at the Toombs County C&D Landfill is permitted to receive collected scrap tires. Once a sufficient amount of tires has accumulated, they are collected and transported by Quality Tire Recycling in Jackson, Georgia for proper disposal. White goods are taken to the MSW portion of the county landfill where they are placed in a holding area and then sold to the highest bidder once a sufficient amount has accumulated. Citizens may also take any of these items directly to the landfill, or they may be taken to any one of the County's convenience centers. There is no charge for citizens to bring white goods. The County currently does not accept batteries, electronics, or oil. Those with batteries or electronics may return those items to the business from which they were originally purchased to be properly recycled. Several businesses will accept used oil, including Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply and WalMart Tire and Lube Express (all in Vidalia). Those with household hazardous waste may contact the County, who will work with them on a case-by-case basis to determine the proper method for disposal.

The City of Lyons also has a program to collect white goods. The City utilizes curbside collection to collect these items once per week, as well as on a call basis. White goods are taken by the City initially to the collection center where they are kept until the City can take them to the Toombs County MSW Landfill, where the County places them in a holding area until a sufficient amount has accumulated, and then the items are sold to the highest bidder. There is a fee associated with the collection of white goods. The City of Lyons does not collect brown goods, batteries, tires, electronics, oils, or metals (with the exception of aluminum cans, as mentioned previously). Citizens are encouraged to take brown goods,

metals, and tires to the County's C&D landfill, and batteries and electronics back to the business from which they were purchased. Those with used oil may take them to several businesses in Vidalia for proper recycling, including Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. Citizens may also return scrap tires back to the business from which they were purchased to be properly recycled. There also is no collection program in the City at this time for household hazardous waste. Those with household hazardous waste may contact the City, who will work with them on a case-by-case basis to determine the proper method for disposal.

Sullivan Environmental collects white goods and brown goods in Vidalia on a call basis and does not charge a fee. Citizens are also encouraged to take these items to the City's convenience center on Brinson Road. Once the white and brown goods are collected, they are taken by Sullivan to the County's MSW Landfill. The white goods are sold to the highest bidder, while brown goods are sent by the County to its C&D landfill for disposal. The City of Vidalia does not collect batteries, tires, electronics, oils, or metals (with the exception of aluminum cans and tin cans, as mentioned previously). Citizens are encouraged to metals to the County's C&D landfill, while batteries, electronics, and tires are encouraged to be returned to the business from which they were purchased. There are several businesses located in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. There also is no collection program in Vidalia at this time for household hazardous waste. Those with household hazardous waste may contact either the City or Sullivan Environmental, who will work with them on a case-by-case basis to determine the proper method for disposal.

The City of Santa Claus has not developed a recycling and collection program, nor does the City have a program to collect any special management items (white goods, brown goods, metals, tires, oil, batteries, electronics, household hazardous waste, etc). Citizens are encouraged to take their recyclables to the County's C&D landfill, except in the case of items such as batteries and electronics, which may be returned to the place

of business from which they were purchased. Used oil can be returned to any of several businesses in Vidalia (Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, WalMart Tire and Lube Express) to be properly recycled. Those with household hazardous waste may contact the County, who will work with them on a case-by-case basis to determine the proper method for disposal. A more comprehensive recycling program needs to be developed concerning household recyclables and other items.

### **3.2.5 Waste Reduction Needs and Goals**

#### **Goals:**

1. Continue to work towards meeting the state waste reduction goal of 23% by 2017.
2. Encourage the expansion of recycling activities countywide, and continue to upgrade recycling facilities as appropriate.
3. Pursue the expansion of recycling efforts, household recycling and otherwise, into the unincorporated area and Santa Claus as appropriate and feasible.

#### **Needs:**

1. Upgrade recycling equipment and facilities in Vidalia, including acquiring additional recycling containers on an as needed basis.
2. Upgrade recycling equipment in Lyons, including additional recycling containers on an as needed basis.
3. Lyons needs to pursue the construction of a new recycling collection facility.
4. Pursue additional recyclable materials available for collection in the community.
5. Meet with local industries as needed to increase industry participation in local recycling efforts.

6. Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate.
7. Pursue additional markets for recyclable materials (paper, brown goods, metals, etc.) as appropriate.
8. Do an analysis on additional recyclable materials available for collection in the community.
9. Create a plan for expansion of recycling efforts, single-stream recycling and otherwise, into all of the municipalities as feasible.

## **Section 4 Collection Element**

### **4.1 Solid Waste Collection**

#### **4.1.1 Solid Waste Collection Programs**

At the present time, Toombs County operates a collection system for residents of the unincorporated area utilizing a combination of green box sites and three manned convenience centers. The County is presently in the process of phasing out the use of green boxes and replacing them with manned convenience centers at strategic locations throughout the county. The first convenience center opened in December, 2008 and is located on Hitchcock Road near the Cedar Crossing community in southwestern Toombs County. Two more convenience centers were opened in February, 2010 on Aimwell Extension/Gibson Road and Tomlin Road, respectively. The manned centers currently accept household waste, white goods, and construction and demolition (C&D) waste. One other site on Johnson Corner Road has also recently been acquired for the purposes of constructing an additional convenience center in the eastern part of the county. The establishment of these manned convenience centers have allowed the County to achieve its goal of being able to eliminate all green box sites. The County does not charge its residents a fee for solid waste collection. Once the garbage is collected, the County has a contract with Sullivan Environmental Services to take collected household waste and white goods from the convenience centers to the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill, as well as C&D waste to the C&D portion of the landfill. The Toombs County Municipal Solid Waste Landfill is a Subtitle D permitted facility and has a capacity to operate for approximately 16.7 more years. Its remaining capacity is 1,876,361.00 cubic yards. The C&D portion of the landfill has a capacity to operate for approximately four more years. Its remaining capacity is 198,701.00 cubic yards. With the development of the Biosphere Gasification System, described in more detail under Section 5.1.2 “Thermal Treatment Technologies,” it is projected that successful implementation will lead to extension of the life of the landfill, although specific estimations are not presently available.

Commercial collection is offered throughout the unincorporated area by Sullivan Environmental Services (SES). Businesses and industries may contract with SES on an individual basis to rent either industrial or customer bins, whichever suits their individual solid waste needs. Customers may choose from a four, six, or eight cubic yard container. The cost depends on the size of the container and the number of times the container is picked up each week. Once the bins are collected, municipal solid waste is taken by SES to the Toombs County Municipal Solid Waste Landfill, while C&D waste is taken to the C&D portion of the landfill.

The City of Lyons utilizes curbside collection once a week to collect household garbage within its city limits. The amount of municipal solid waste collected is accounted for in the total county municipal solid waste collection figures and is not separated for planning purposes. The City charges a fee of \$13.00 dollars per month to residents to furnish them a cart for solid waste collection. Once the garbage is collected, it is taken by the City to the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill. The City collects white goods on a call basis and does charge a fee. Once the City collects the white goods, it transports them to the County's MSW Landfill where they are sold to the highest bidder. The City does not collect brown goods, batteries, tires, oils, household hazardous waste, or metals. Citizens are encouraged to take brown goods and metals to the County's C&D landfill, and in the case of batteries, electronics, or tires, return them to where they were originally purchased for proper disposal. Used oil may be taken to any of several businesses in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advanced Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. Those with household hazardous waste may contact the City, who will work with them on a case-by-case basis to determine the proper method for disposal.

The City of Lyons also provides commercial waste collection for local businesses. Businesses may contract with the City to have a bin onsite that is six yards in size. The City will collect the solid waste from the bins once per week. The fee for each bin is \$45.00 per month. Once the bins are

collected, the waste is taken by the City to the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill.

The City of Santa Claus utilizes curbside collection once a week through a contract with Sullivan Environmental Services (SES) to collect household garbage within the city limits. The amount of municipal solid waste collected is accounted for in the total county municipal solid waste collection figures and is not separated for planning purposes. The City does not charge a fee to residents for solid waste collection. Commercial collection is also offered by Sullivan Environmental Services. Businesses may contract with SES on an individual basis to rent either industrial or customer bins, whichever suits their individual solid waste needs. Customers may choose from a four, six, or eight cubic yard container. The cost depends on the size of the container. The containers are collected once each week. Once the garbage is collected, it is taken by SES to the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill. The City does not have a formal program at this time for the collection of any special management items (white goods, brown goods, tires, metals, batteries, electronics, oil, household hazardous waste, etc.), but instead encourages its citizens to take items such as white goods, brown goods, tires, and metals to the County's C&D landfill. Batteries and electronics may be returned to the place of business from which they were originally purchased to be properly recycled. Used oil may be taken to any of several businesses in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advanced Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. Those with household hazardous waste may contact the County, who will work with them on a case-by-case basis to determine the proper method for disposal.

The City of Vidalia contracts with Sullivan Environmental Services (SES) to utilize curbside collection once a week to collect household garbage within the city limits. The amount of municipal solid waste collected is accounted for in the total county municipal solid waste collection figures and is not separated for planning purposes. The City charges a fee of \$14.96 dollars per month to residents to furnish them a cart for solid waste collection. Once the garbage is collected, it is transported by SES to the

Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill. Sullivan Environmental also collects white goods and brown goods in Vidalia on a call basis and does not charge a fee. Citizens are also encouraged to take these items to the City's convenience center on Brinson Road. Once the white and brown goods are collected, they are taken by Sullivan to the C&D portion of the County's landfill. The white goods are sold to the highest bidder, while brown goods are placed in a designated area of the C&D landfill for disposal due to a current lack of an available local market for them. The City of Vidalia does not collect batteries, tires, oils, household hazardous waste, or metals (with the exception of aluminum cans and tin cans, as mentioned previously). Citizens are encouraged to take metals to the County's C&D landfill, and in the case of batteries, electronics, or tires, return the used items to the business from which they were purchased for proper disposal. Used oil may be taken to any of several businesses in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advanced Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. Those with household hazardous waste may contact either the City or Sullivan Environmental, who will work with them on a case-by-case basis to determine the proper method for disposal.

Commercial collection is offered throughout the city by Sullivan Environmental Services (SES). Businesses and industries may contract with SES on an individual basis to rent either industrial or customer bins, whichever suits their individual solid waste needs. Customers may choose from a four, six, or eight cubic yard container. The cost depends on the size of the container and the number of times the container is picked up each week. Once the garbage is collected, it is taken by SES to the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill.

#### **4.1.2 Assessment of Solid Waste Collection Programs**

The collection methods utilized to collect solid waste by Toombs County and its municipalities are adequate to serve its citizens. With the County having its own landfill, the accessibility of a landfill for solid waste collection purposes by the County and all three cities is adequate. The County needs to establish a collection program for household recyclables,

while a curbside collection program for household recyclables and a collection program for special management items needs to be established in Santa Claus. In addition, Lyons and Vidalia need to continue to expand their respective collection programs, through the acquisition of new or additional equipment and/or by other means as appropriate.

#### **4.1.3 Solid Waste Collection Needs and Goals**

##### **Goal:**

1. Maintain current standards of collecting solid waste in both the unincorporated areas of the county and the municipalities.
2. Complete the establishment of convenience centers in the unincorporated area to eliminate the use of all green box sites.

##### **Needs:**

1. The City of Lyons needs to pursue the upgrade of collection vehicles.
2. The County needs to pursue the acquisition of additional sites for convenience centers as appropriate.
3. Construct additional convenience centers in unincorporated Toombs County, as appropriate and feasible, to replace green boxes.

#### **4.1.4 Contingency Strategy**

In case of a natural disaster or another event that may interrupt the flow of garbage pickup, Toombs County and the cities of Santa Claus and Vidalia would utilize their contract agreement with Sullivan Environmental Services, while the City of Lyons would seek to utilize the services of Sullivan Environmental to ensure the continued collection of solid waste. Sullivan Environmental has a contingency (interim) program in case their normal method of solid waste collection becomes interrupted. Sullivan would contact other private solid waste haulers within close proximity of their current facilities to obtain collection equipment. The County and municipalities may also utilize nearby local governments to have access to

solid waste collection equipment, if an excessive amount of waste is generated.

If one of these options is necessary to adequately serve Toombs County, the local governments would be required to go through the proper procedures to be able to put an option into operation. The time frame required would probably require at least one week to be able to go through the proper procedures to continue solid waste collection. If the collection program should become interrupted in case of a natural disaster or other event, the public will be notified on what procedures will take place via the media. This notification will take place through the *Vidalia Advance* and public service announcements on the radio, a local TV station (TV 46), a local news website ([www.southeastgeorgiatoday.com](http://www.southeastgeorgiatoday.com)) and the City of Vidalia's website ([www.vidaliaga.com](http://www.vidaliaga.com)). In the event of the loss of electrical service and these options were to not be available, the local governments would communicate with other local officials and private haulers via cellular communications to help spread notification to the public that the landfill would not be able to accept municipal solid waste until such time as local collection and disposal capabilities could be returned to full operational status.

## **4.2 Recycling Collection**

### **4.2.1 Recycling Collection Programs**

Toombs County does not have a formal program for the collection of household recyclables at the present time, but does have a program to collect various special management items such as scrap metals, tires, white goods, and brown goods throughout the county. Citizens may bring these items to any of the County's manned convenience centers, or they may take them directly to the County's Construction and Demolition (C&D) Landfill. Scrap metal, tires, white goods, and brown goods are placed in designated areas at the C&D Landfill. An area of one-half (0.5) acre at the C&D Landfill is permitted to receive collected scrap tires. Once a sufficient amount of tires has accumulated, they are collected and transported by Quality Tire Recycling in Jackson, Georgia for proper disposal. White goods remain in a designated holding area until they are sold to the highest bidder. Brown goods and scrap metal remain in

designated areas at the C&D landfill where they are disposed, due to the current lack of available local markets for these items. The County currently does not collect batteries, electronics, oil, or household hazardous waste. Citizens are encouraged to return used batteries and electronics to the business from which they were originally purchased for proper disposal. Used oil may be taken to any of several businesses in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advanced Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. The County does not have a formal plan for handling household hazardous waste at this time, but instead will work with citizens to come up with a method to properly dispose of the waste on a case-by-case basis.

The City of Lyons has a collection center to accept household recyclables that is located on South Lexington Street behind the City's fire department and adjacent to the City's shop. The center has separate containers for the types of recyclables that are accepted. It is manned from 8:00AM to 5:00PM Monday through Friday. Lyons also offers curbside collection of recyclables to its citizens as part of its overall municipal solid waste collection program. The City accepts the following items for recycling: aluminum cans, cardboard, paper, glass, plastics, and oil. Citizens may also bring these items voluntarily to the collection center. Once these items are collected curbside, they are transported by the City to its collection center, where they are collected by Clark Recycling of Stillmore, Georgia and transported to be properly disposed. The City has previously applied for grant funds to construct a larger recycling facility at a site that has been donated to the City. If the new recycling center is constructed, plans are for the center to be able to accept all currently accepted recyclable items, with the exception of glass.

The City of Lyons collects white goods on a call basis and does charge a fee. Once the City collects the white goods, it takes them to the County's C&D Landfill, where they are placed in a holding area and then sold to the highest bidder. The City of Lyons does not collect brown goods, batteries, tires, oils, household hazardous waste, or metals (with the exception of aluminum cans as previously mentioned). Citizens are encouraged to take

brown goods, metals, and tires to the County's C&D landfill, where these items are placed in designated holding areas. Tires are then collected and transported by Quality Tire of Jackson, Georgia for proper disposal, while brown goods and metals remain in their designated area for disposal, due to the current lack of available local markets for these items. Citizens are encouraged to return used batteries and electronics to the business from which they were originally purchased for proper disposal. Used oil may be taken to any of several businesses in Vidalia that will accept used oil for recycling, including Autozone, 10 Minute Lube, Advanced Auto Parts, Tractor Supply, and WalMart Tire and Lube Express. The City does not have a formal plan for handling household hazardous waste at this time, but instead will work with citizens to come up with a method to properly dispose of the waste on a case-by-case basis.

The City of Santa Claus has not developed a formal household recycling and collection program, nor does the City have a program to collect any special management items (white goods, brown goods, tires, metals, batteries, electronics, oils, household hazardous waste, etc.). Citizens are encouraged to take their recyclables to the County's C&D landfill, except in the case of items such as batteries and electronics, which may be returned to the place of business from which they were purchased. Used oil can be returned to any of several businesses in Vidalia (Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, WalMart Tire and Lube Express) to be properly recycled. Those with household hazardous waste may contact the County, who will work with them on a case-by-case basis to determine the proper method for disposal. A more comprehensive recycling program needs to be developed concerning household recyclables and other items.

The City of Vidalia has a convenience center to accept recyclables located on Brinson Road at the City's public works department. The center has separate containers to collect the various types of recyclables it accepts. It is manned from 10:00AM to 6:00PM Monday through Saturday. Vidalia also offers curbside collection of recyclables to its citizens as part of its overall municipal solid waste collection program through the City's contract with Sullivan Environmental Services. The City accepts the

following items for recycling: newspapers/magazines, glass, plastics, cardboard, tin cans, and aluminum cans. Citizens may also bring these items voluntarily to the collection center. Once these items are collected, they are comingled and then transported by Sullivan to a recycling facility in Swainsboro, Georgia to be properly disposed.

Sullivan Environmental collects white goods and brown goods in Vidalia on a call basis and does not charge a fee. Citizens are also encouraged to take these items to the City's convenience center on Brinson Road. Once the white and brown goods are collected, they are taken by Sullivan to the County's C&D Landfill. The white goods are placed in a holding area and then sold to the highest bidder, while brown goods are placed by the County in a designated area of the C&D landfill for disposal due to the current lack of available local markets for them. The City of Vidalia does not collect batteries, electronics, tires, oils, household hazardous waste, or metals (with the exception of tin cans and aluminum cans, as mentioned previously). Citizens are encouraged to take tires and metals to the County's C&D landfill, where they are placed in designated holding areas. Tires are then collected and transported by Quality Tire of Jackson, Georgia for proper disposal, while metals remain in their designated area for disposal due to the current lack of available local markets for them. Citizens are encouraged to return used batteries, electronics, and tires to where they were originally purchased for proper disposal. Used oil can be returned to any of several businesses in Vidalia (Autozone, 10 Minute Lube, Advance Auto Parts, Tractor Supply, WalMart Tire and Lube Express) to be properly recycled. Those with household hazardous waste may contact either the City or Sullivan Environmental, who will work with them on a case-by-case basis to determine the proper method for disposal.

#### **4.2.2 Assessment of Recycling Collection Programs**

The collection methods utilized to collect recycling by Toombs County and its municipalities are somewhat adequate to serve the citizens for the current needs of recyclables.

The cities of Lyons and Vidalia have developed a recycling and collection program for their respective jurisdictions with some effectiveness. Those programs are adequate to facilitate the state's waste disposal reduction goal. Both cities have established a recycling convenience center, in addition to offering curbside collection, which has encouraged growth with more citizens being willing to participate in the recycling program. The current facilities are adequate to meet the needs of the program. The City of Lyons is exploring the possibility of constructing a larger recycling facility, which would further facilitate the State of Georgia's waste reduction goal of 23% by 2017.

Toombs County and the City of Santa Claus need to establish a more formal household recycling collection program. Although funding is limited due to a small tax base, a limited program that would accept such items as newspapers, magazines, plastics, and/or aluminum cans would help the community to move towards furthering the state's waste reduction goals. An expanded program in terms of the types of recyclables accepted by the County, particularly in terms of household recyclables and if coupled with the expansion of the number of manned solid waste convenience centers, would help to make current collection methods in the county more adequate and help to better meet state waste reduction goals.

#### **4.2.3 Recycling Collection Needs and Goals**

##### **Goals:**

1. Maintain current method of collection and voluntary drop-off of recyclables and special management items countywide, and seek to expand as appropriate.
2. Continue to work towards meeting the state waste reduction goal of 23% by 2017.
3. Encourage the increased utilization of recycling by all citizens.
4. Pursue the expansion of recycling efforts, household recycling and otherwise, into the unincorporated area and Santa Claus as appropriate and feasible.

**Needs:**

1. Lyons needs to pursue the construction of a new recycling collection facility.
2. Upgrade recycling equipment and facilities in Vidalia, including acquiring additional recycling containers on an as needed basis.
3. Upgrade recycling equipment in Lyons, including additional recycling containers on an as needed basis.
4. Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate.
5. Increase the promotion and utilization of recycling activities throughout Toombs County and its municipalities through the Toombs County Codes Enforcement program and other means as appropriate.

**4.3 Yard Trimmings Collection**

**4.3.1 Yard Trimmings Collection Programs**

Toombs County and the City of Santa Claus do not have a composting/mulching program. Citizens in both jurisdictions can take their yard waste to the County's C&D Landfill, where a holding area is in place to properly dispose of the yard trimmings.

The City of Lyons does not have a composting/mulching program. The City will collect yard trimmings from citizens on a call basis for a fee of \$1.50. Once yard trimmings are collected, they are taken by the City to a 5-acre Georgia EPD permitted inert landfill, located on North Hall Street in Lyons adjacent to the City's Northside Wastewater Treatment Facility. Citizens are also encouraged to bring their yard trimmings on a voluntary basis to the inert landfill.

The City of Vidalia does not have a composting/mulching program. Sullivan Environmental provides curbside collection for the city on a once per week basis for yard trimmings and does not charge a special fee. Once

the trimmings are collected, they are taken by Sullivan Environmental to a 15-acre GA EPD permitted site owned by the City and adjacent to the Vidalia Regional Airport, located at 2921 Airport Road in Vidalia.

#### **4.3.2 Assessment of Yard Trimmings Collection Program**

Once the trimmings are collected in Vidalia, they are taken by Sullivan Environmental to a 15-acre GA EPD permitted site owned by the City, located at 2921 Airport Road in Vidalia adjacent to the Vidalia Regional Airport. Once trimmings are collected in Lyons, they are taken by the City to a 5-acre GA EPD permitted inert landfill, located on North Hall Street adjacent to the City's Northside Wastewater Treatment Facility. Residents in Santa Claus and the unincorporated areas are encouraged to take yard trimmings to Toombs County S-1898 Construction and Demolition Landfill.

The current needs of the cities of Lyons and Vidalia can be met with their respective facilities. Toombs County's C & D Landfill has an estimated fill date of August 31, 2013. Toombs County has approval from the Georgia Environmental Protection Division to construct three new cells at the County's MSW landfill. Since the C&D portion of the Toombs County Landfill is adjacent to the MSW portion, the addition of new cells to the MSW portion is expected to free up needed space within the landfill for the C&D portion. This will allow the County to have adequate space for the disposal of C&D material throughout the upcoming ten-year planning period.

#### **4.3.3 Yard Trimmings Collection Needs and Goals**

##### **Goals:**

1. Maintain the current collection method of yard trimmings by the County and municipalities.
2. Toombs County and the municipalities need to develop a composting/mulching program as feasible.

##### **Needs:**

1. Purchase additional equipment for yard trimming collection in all

jurisdictions as appropriate.

2. Pursue the purchase of equipment for composting/mulching as appropriate and feasible.

#### **4.4 Illegal Dumping**

##### **4.4.1 Problem Areas**

There is a problem in Toombs County with illegal dumping. The most concentrated problem areas can be found along and adjacent to the County's green box sites, particularly as it relates to waste not being properly disposed in the containers and special management items such as old furniture, appliances, etc. being improperly placed there. The County utilizes its code enforcement program to combat the problem of illegal dumping.

There is somewhat of a problem in Vidalia with illegal dumping. It remains a frequent issue particularly on the city's north side. The City utilizes its City Marshall and Police Department to combat the problem of illegal dumping.

The cities of Lyons and Santa Claus do not have a problem with illegal dumping at this time. If it should become a problem, Lyons would utilize its Public Works Department, while Santa Claus would seek to utilize the Toombs County Sheriff's Department to combat the problem.

##### **4.4.2 Prevention/Enforcement Implementation Strategy**

Toombs County's implementation strategy to limit/prevent illegal dumping and littering involves the code enforcement officer following regular monitoring practices, especially at green box locations as well as at all convenience center sites, and also in Santa Claus on an as needed basis. The Codes Enforcement program will continue to be expanded as sufficient funding allows, and stronger ordinances may also be developed should the current enforcement measures prove not to be adequate enough to sufficiently combat the problem in the future. As violators are determined and/or cited, citations will be issued and violators handed over to the local Magistrate Court. The elimination of all green box sites with

the establishment of additional manned convenience centers should go a long way to reducing the problem of illegal dumping in the unincorporated areas.

The City of Lyons' Public Works Department will continue to do routine monitoring as part of its normal collection efforts. The City's current collection efforts along with the presence of a recycling facility greatly help to reduce the prevalence of littering and illegal dumping. Should a problem arise, it would be handled through the Public Works Department and, if necessary, the Lyons Police Department.

The City of Vidalia has placed green boxes in the northern part of the city where problems have been frequent, and the City is working with citizens in that area to get a better handle on the problem. The City also conducts a general citywide cleanup twice per year to help curb the presence of littering. Other measures that the City can take over the next ten years includes making the problem areas more accessible to public view by limiting the brush and other debris that people use to cover up their litter/dumping items in secluded areas. This will increase the sight distance around the problem areas. Stronger ordinances and/or increased penalties may also be developed should the current enforcement measures prove not to be adequate enough to sufficiently combat the problem in the future.

#### **4.4.3 Illegal Dumping Needs and Goals**

##### **Goal:**

1. Maintain an active codes enforcement program countywide with an increased emphasis on litter control, promoting recycling, source reduction, and reuse where appropriate. Additional funds to expand the program's scope should be pursued as necessary.

##### **Needs:**

1. Develop additional ordinances as needed and appropriate to strengthen illegal dumping enforcement and prevention efforts.
2. Pursue funding to expand the environmental codes enforcement program as appropriate.

#### **4.5 Inventory of Haulers of Solid Waste Serving Toombs County**

Toombs County Board of Commissioners  
100 Courthouse Square  
P.O. Box 112  
Lyons, GA 30436

City of Lyons  
257 North State Street  
Lyons, GA 30436

Sullivan Environmental Services  
425 Highway 292  
Vidalia, GA 30474

## **Section 5 Disposal Element**

### **5.1 Disposal**

#### **5.1.1 Disposal Facilities**

The Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill is a public municipal solid waste landfill (273.24 acres) located at 2974 Lyons Center Road south of the City of Vidalia and southwest of the City of Lyons off of Georgia Highway 15 South. According to GA EPD, in 2009, Toombs County's landfill had a remaining capacity of 1,876,361.0 cubic yards. Its average daily tons disposed in 2008 were 150, and it has a rate of fill of 300 cubic yards per day. Its estimated fill date is June 30, 2026, which means that the landfill has approximately 16.7 years of remaining capacity. However, the County has received approval from the Georgia Environmental Protection Division to construct three new cells, which coupled with the development of a Biosphere gasification process at the landfill (see Section 5.1.2 Thermal Treatment Technologies below), will help to extend the life of the landfill beyond its current projected date. It is estimated that Toombs County and its municipalities will dispose approximately 9.56 pounds per person per day from 2008 to 2019, based on a regional waste characterization study that was part of a broader statewide study done for the Georgia Department of Community Affairs in 2005. This 9.56 pounds per person per day figure calculated for 2008 is assumed to remain static throughout the planning period to better assure proper disposal capacity, even though it may well change. According to the State of Georgia's 2007 Annual Solid Waste Report, the state wide disposal rate in FY 2008 was 6.07 pounds/per person/per day. Therefore, Toombs County and its municipalities are above the state disposal rate.

The landfill currently accepts waste ranging from household to industrial waste. An area of one-half (0.5) acre at the C&D Landfill is permitted to receive collected scrap tires. The County also has an informal agreement with the City of Vidalia to accept sludge from the City's wastewater treatment facility. The City transports its sludge to the landfill, and in exchange the City receives leachate from the County. There are future plans for both governments to formalize this agreement.

The C & D portion of the Toombs County S-1898 Phase 3 Municipal Solid Waste Landfill is also located at 2974 Lyons Center Road off of Georgia Highway 15 South southwest of Lyons and just south of Vidalia. According to GA EPD, in 2009, the C&D portion of Toombs County's landfill (71.88 acres) had a remaining capacity of 198,701.0 cubic yards. Its average daily tons disposed in 2008 were 50, and it has a rate of fill of 150 cubic yards per day. Its estimated fill date is August 31, 2013, which means that the landfill has approximately three years of remaining capacity. However, Toombs County has received approval from the Georgia Environmental Protection Division to construct three additional cells to the MSW portion of the landfill. With the new cells devoted solely to the disposal of municipal solid waste, this will free up needed space to allow for continued disposal within the C&D portion of the landfill, thus allowing for a more adequate disposal space for the County throughout the upcoming ten-year planning period.

There are two other sites in the County, other than the landfill, for disposing of inert materials. The City of Lyons has a 5-acre Georgia EPD permitted inert landfill, located on North Hall Street adjacent to the City's Northside Wastewater Treatment Facility. The City of Vidalia has a 15-acre GA EPD permitted site adjacent to the Vidalia Regional Airport, located at 2921 Airport Road. Both sites currently have adequate disposal space to meet the needs of the two municipalities throughout the upcoming ten-year planning period.

### **5.1.2 Thermal Treatment Technologies**

In March 2009, America's Waste to Energy Corporation (AW2E), a Cumming, Georgia based company and subsidiary of Freedom Renewable Energy Corporation, reached an agreement with the Toombs County Board of Commissioners to develop the first Biosphere Gasification System in Georgia at the Toombs County Landfill. The Biosphere gasification project is billed as a "zero waste" municipal solid waste disposal alternative, and the Toombs County Biosphere is the first of 50 such systems AW2E plans to develop in Georgia over the next 18 months.

Developed by Dr. Christopher A. McCormack, founder of GEECF Global Environmental Energy Corporation, a Biosphere is a gasification process in which municipal solid waste is placed into a Biosphere chamber and then transformed into a clean combustible gas. The resulting gas is then used to produce electricity in a steam turbine. The heat generated by the process can be used to produce electricity, superheat steam, heat boiler water, and distill/desalinate seawater. The process of Biosphere gasification has been in use for some 30 years and is currently being utilized internationally. According to a press release from AW2E announcing the agreement with Toombs County, the gasification process incorporates current technology to:

- Eliminate solid and liquid waste
- Reduce current waste streams 93% by weight
- Consume 172 tons of waste per unit/day
- Recover brownfield and landfill site for development
- Generate 8 megawatts of continuous power/hour

In conjunction with the project, AW2E has reached an Energy Purchase Agreement with Georgia Power whereby Georgia Power will purchase the 24 megawatts of electricity that will be produced onsite. Projections call for an approximately 93 percent reduction in the total amount of solid waste being stored at the landfill, with the remaining 7 percent resulting in the inert byproduct of energy production that would go into the C&D portion of the landfill. An added benefit of would be an increase in the lifespan of the landfill.

Toombs County is in the process of developing a renewable energy resource in their own backyard. This project could be used as a model for other jurisdictions that operate a landfill.

### **5.1.3 Assessment of Solid Waste Disposal Facilities**

The Toombs County Municipal Solid Waste Landfill will be adequate to meet the needs of Toombs County and its municipalities for the ten-year planning period. According to GA EPD, in 2009, Toombs County's landfill had a remaining capacity of 1,876,361.0 cubic yards, or an

estimated life of 16.7 years, given the current number of years. Toombs County has EPD approval and is currently preparing for the horizontal expansion of the Toombs County S-1898 Municipal Solid Waste Landfill. The County has a permit from EPD to construct three additional cells horizontally, in which space had already previously been reserved in the landfill for those cells. The expansion will be completed by the end of 2010. Currently, the landfill has an estimated fill date of June 30, 2026. With the horizontal expansion and those cells already having been factored in to the landfill's current capacity, no change in the current estimated fill date is expected. It is estimated that the County will dispose a total of approximately 614,572 tons of municipal solid waste from 2008-2019 (see Table 2-2). Future development of the Biosphere program, with a projection of 93 percent waste reduction of waste disposed through the landfill if successfully implemented, should help to further facilitate the State of Georgia's waste reduction goal of 23% waste reduction by 2017.

The current C & D needs of Toombs County can be met with the current C&D landfill. According to GA EPD, in 2009, the C&D portion of Toombs County's landfill (71.88 acres) had a remaining capacity of 198,701.0 cubic yards. Toombs County's C & D Landfill has an estimated fill date of August 31, 2013. However, the construction of three additional cells to the MSW landfill will free up space for the C&D landfill since both landfills are on the same general property. This will allow for more adequate C&D capacity that will be sufficient for the next ten years.

#### **5.1.4 Assurance of Ten-year Disposal Capacity (See Attachment A)**

Continue to utilize the current method of solid waste disposal throughout the county.

#### **5.1.5 Contingency Strategy for Disposal**

In case of a natural disaster or another event that may interrupt the flow of garbage pickup or generate a large amount of extra waste, Toombs County and its municipalities have access to a number of regional landfill facilities in close proximity to Toombs County to handle the excess waste that such an event might generate. These facilities are located in Taylor, Telfair, and Wayne counties. The Broadhurst Environmental Landfill in Wayne

County would be the principal option and most likely alternative destination. The County also has an area located at the Toombs County S-1898 Construction and Demolition Landfill that may be utilized for the temporary storage of debris resulting from natural disasters or other similar events. Should it become necessary, one or more local governments would also seek to borrow equipment from nearby local governments to assist in the continuation of disposal services in the event of an emergency. If one of these options became necessary to adequately serve Toombs County, the County would be required to go through the proper procedures to be able to put the options into operation. The time frame required would probably require at least three to four days to be able to go through the proper procedures to continue disposal. If disposal should become interrupted in case of a natural disaster or other event, the public will be notified on what procedures will take place via the media. This notification will take place through the *Vidalia Advance*, [www.southeastgeorgiatoday.com](http://www.southeastgeorgiatoday.com), [www.vidaliaga.com](http://www.vidaliaga.com), a local television station (TV 46), and through public service announcements on the radio. In the event of the loss of electrical service and these options were to not be available, the local governments would communicate with other local officials and private haulers via cellular communications to help spread notification to the public that the landfill would not be able to accept municipal solid waste until such time as local collection and disposal capabilities could be returned to full operational status.

In the event of a natural disaster that generates an excessive amount of vegetative storm debris to the degree that it would not be feasible or practical to store such debris at the local inert facility or County landfill or transport to any neighboring facility, Toombs County and its municipalities may request a variance to EPD's open burning requirements. The disaster would be of such a nature that it would require the local Emergency Management Agency or State Emergency Operations Center to activate, thereby meeting EPD's guidelines for a qualifying event. The vegetative storm debris will be solely generated within Toombs County and exceed 300 cubic yards in order for it to become necessary for one or more of the county's local governments to request a variance for burning the overload/excess material. No Construction and

Demolition (C&D) waste or other types of waste shall be included with the vegetative storm debris. Should a variance for open burning of vegetative storm debris be granted, the County and/or its municipalities will follow the proper procedures so as to maintain compliance with Section 391-3-1-.02 (5) of EPD's Air Quality Rules.

#### **5.1.6 Disposal Needs and Goals**

##### **Goals:**

1. Seek to improve current method of disposal for municipal solid waste, recyclables and special management items countywide.
2. Utilize thermal treatment technology, through the development of a Biosphere, to improve disposal capacity.

##### **Needs:**

1. The County needs to perform a cost/benefit analysis in pursuit of the permitting of the vertical expansion of C&D waste.
2. Implement thermal treatment technology through the development of the Biosphere.
3. Pursue additional markets to more properly dispose of recyclable materials (paper, brown goods, metals, etc.) as appropriate.

## **Section 6 Land Limitation Element**

### **6.1 Natural Environmental Areas**

Toombs County's abundant natural resources are becoming recognized by its citizens as an increasingly important asset to the county's future growth and development. A growing interest is emerging in protecting the area's fragile resources while balancing the need for growth. The following discussion highlights the natural environmental limitations of Toombs County.

#### **6.1.1 Water Supply Watersheds**

Water supply watersheds are not present in Toombs County and thus are not applicable. However, should a water supply watershed be found to be in existence within the county, DNR Rule 391-3-16.01(7)(c)1 requires that at any location within a small water supply watershed, solid waste handling facilities must include synthetic liners and leachate collection systems. It is desired by the County that no such solid waste handling facility locate within one-half mile of any water supply watershed, should one be found to be located within the county.

#### **6.1.2 Groundwater Recharge Areas**

According to the 1989 Hydrologic Atlas 18 of the Georgia Geologic Survey, Toombs County's significant groundwater recharge areas are contained in the Miocene/Pliocene Recent Unconfined Aquifer and are located primarily along the sand ridges adjacent to Pendleton and Tiger creeks and the Ochoopee River in the north and northeastern part of the county, including within the City of Lyons (Attachment C). These areas have been identified by the Georgia Department of Natural Resources in a companion pollution susceptibility map as having average/medium pollution susceptibility. An ordinance modeled after the Georgia Department of Natural Resources' Part V Environmental Planning Criteria, "*Environmental Conservation, On-Site Sewage Management, and Permit Ordinance*," is not currently in effect in either the County or the cities of Lyons, Santa Claus, and Vidalia, but the portion concerning groundwater recharge areas does not apply to either Santa Claus or Vidalia since none of these areas are located within either city's jurisdiction. However, all four local governments do plan to adopt the model ordinance in the near future.

### **6.1.3 Wetlands**

A sizable portion of Toombs County (approximately 13 percent) has also been designated as wetlands on the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (Attachment C). Based on general soil associations, approximately 22 percent of the county consists of hydric soils, which are considered wetlands by definition. Much of the wetlands in the county are located along the Altamaha and Ochoopee rivers, the Pendleton Creek Corridor, the Tiger Creek Corridor, the Swift Creek Corridor, the Rocky Creek Corridor, and other major creeks, but not all of the wetlands in the county are confined to these areas. These areas of the county are known to contain a variety of habitats of protected flora and fauna, as well as nesting and breeding grounds for a number of protected animals. DNR Rule 391-3-16-.03(3)(e) maintains that solid waste landfills may constitute an unacceptable use of a wetland. DNR Rule 391-3-4.05(1)(e) requires that no solid waste handling facility be located in a wetlands area, as defined by the U.S. Army Corps of Engineers, unless evidence is provided by the applicant to EPD that the use of such wetlands has been permitted or otherwise authorized under all other applicable state and federal laws and rules. The owner or operator of the solid waste handling facility must place a demonstration of compliance in the operating record and give notification that it has been placed in the operating record. An ordinance modeled after the Georgia Department of Natural Resources' Part V Environmental Planning Criteria is not currently in effect in the county or the cities of Lyons, Santa Claus, and Vidalia. However, all four local governments do plan to adopt the model ordinance in the near future. Any solid waste handling facility must also demonstrate consistency with the local "*Environmental Conservation, On-Site Sewage Management, and Permit Ordinance*" (when adopted by the local governments), and *The Toombs County Joint Comprehensive Plan* (2009).

### **6.1.4 Protected River Corridors**

The County also has two rivers, the Altamaha and the Ochoopee rivers, which are identified for protection under the 1991 River Corridor Protection Act (Attachment C). The Altamaha River flows on the southern end of the county, forming the county's southern boundary with Appling County. It is the largest free flowing river (unobstructed by dams) on the East Coast of the

United States. The Altamaha River begins west of Toombs County near Lumber City in Telfair County at the confluence of the Ocmulgee and Oconee rivers before emptying into the Atlantic Ocean just north of Brunswick at Altamaha Sound. It has been selected by the Nature Conservancy as its first bioserve. It is Georgia's largest river-swamp system and is vitally important in maintaining the ecological balance of the state's estuarine coast. The Altamaha River was designated by the Nature Conservancy in 1991 as one of the 75 "Last Great Places" remaining on Earth, and in 1997 the Nature Conservancy completed a Conservation Plan to help protect the lower Altamaha River watershed. With its designation as a navigable river, the Altamaha River's maintenance and control comes under the jurisdiction of the U.S. Army Corps of Engineers.

The Ochoopee River flows on the northeastern end of the county, forming the county's northeastern boundary with Tattnall County. From Toombs County, the Ochoopee River flows through western Tattnall County before emptying into the Altamaha River in southern Tattnall County.

A variety of hunting and fishing opportunities are located along both rivers, making them very popular for recreational uses. There currently are three public boat landings within the county, all of which are located along the Altamaha River (Gray's Landing, McNatt Falls Landing, and U.S. 1 Bridge Landing) and all of which would offer the potential for tourism opportunities. There likely are a number of private boat landings in existence as well. Development along the Altamaha and Ochoopee rivers in Toombs County has been minimal, generally limited to weekend hunting/fishing dwellings. Any development in these areas would likely be based largely on adequate access to roads.

These resources are somewhat protected throughout Toombs County under a River Corridor Protection Plan that was adopted countywide in 1991. However, somewhat greater protection would be provided through countywide adoption of a model ordinance that was based on DNR's Part V Environmental Planning Criteria, the "*Environmental Conservation, On-Site Sewage Management, and Permit Ordinance*". This ordinance provides for strict limitations on the use of land near these identified resources. The

County does have plans in the near future to adopt this model ordinance, making it countywide in effect. However, because the community wishes to utilize the Altamaha and Ochoopee rivers for recreation and tourism, it is desired that no solid waste handling facility locate within one-half mile of either river. Any proposed solid waste handling facility must demonstrate compliance with the above cited Environmental Conservation Ordinance (once adopted locally) and consistency with *The Toombs County Joint Comprehensive Plan* (2009).

#### **6.1.5 Protected Mountains**

Protected mountains do not apply to Toombs County or its municipalities at this time. However, should such entities be found to be in existence in the county at a later date, all applicable DNR rules concerning such entity will be followed.

### **6.2 Criteria for Siting Solid Waste Facilities**

Because of the County's abundant natural resources and the intent of the County's Community Vision to utilize these resources in the County's future growth and development, the County does not believe that the location of any additional solid waste handling facilities, with the exception of those local government facilities that may be necessary in the future, would be compatible with the community's vision for its future growth and development. The County does have an EPD permit to construct three additional cells at its current MSW landfill facility to satisfy the need for additional disposal volume. A Biosphere Gasification System is also currently under construction at the County's MSW landfill, which would also assist in creating additional disposal volume while, at the same time, producing a renewable energy resource.

#### **6.2.1 Local Zoning**

While Toombs County does not currently have a zoning ordinance in place, the unincorporated area of the county does have some limited land use regulations in place, such as subdivision regulations. The cities of Lyons, Santa Claus, and Vidalia do have a zoning ordinance in place covering their respective jurisdictions, although Santa Claus recognizes a need for its zoning ordinance to be updated. The County recognizes the need for more adequate

land use regulation, but generating and maintaining a sufficient level of public support towards adoption and implementation has been difficult. DNR Rule 391-3-4.05(1)(a) requires that a site must conform to all local zoning and land use ordinances. Any applicant proposing to locate a solid waste handling facility must provide written verification to EPD demonstrating that the proposed site complies with all local zoning and land use regulations, if any. This must also include a letter from the local government stating whether the proposed site complies with all local zoning and land use regulations, if any. The verification must be provided at the time a permit application is submitted to EPD and reaffirmed by the local government prior to a permit being issued. Any proposed solid waste handling facility must show how it is compatible and consistent with the local adopted joint comprehensive plan, *The Toombs County Joint Comprehensive Plan, 2019*, and its expressed Community Vision and desired future land development patterns, as well as compliance with all local ordinances.

There are several factors to be taken into consideration when determining the compatibility of solid waste handling facilities to the surrounding area. The Natural and Cultural Resources Element and other portions of the Toombs County Joint Comprehensive Plan, as well as this Solid Waste Management Plan, identify areas where such a facility may or may not be acceptable. DNR Rule 391-3-4.05(1)(b) requires a local government to provide documentation which demonstrates compliance with O.C.G.A. 12-8-26(a) when beginning the site selection process for a municipal solid waste disposal facility, as well as when a local government takes action resulting in a publicly- or privately-owned municipal solid waste disposal facility. The community has designated a Greater Lyons/Vidalia Growth Area as the appropriate location for intense urban growth, as well as growth areas adjacent to each of its smaller municipalities in the local comprehensive plan.

It is the community's presumption that any proposed solid waste handling facility is not a compatible location if proposed for a location within, or within one mile of, any designated city limit or growth area, and would be inconsistent with the community's expressed community vision and adopted comprehensive plan. Any proposed solid waste handling facility must demonstrate consistency with *The Toombs County Joint Comprehensive Plan*,

and why the community presumption of incompatibility of location in or near a municipal growth area is incorrect.

### **6.2.2 Airport Safety**

Other considerations include airport safety. It is the County's and City of Vidalia's intention that no solid waste handling facility locate within at least 10,000 feet of the Vidalia Regional Airport to ensure the safety of incoming and outgoing aircraft from interference caused by birds that might be attracted to the solid waste facility. This airport is presently a Level III airport, and DNR Rule 391-3-4.05 (1) (c) requires "that new solid waste landfill units or lateral expansions of existing units shall not be within 10,000 feet of any public use or private use airport runway used by turbojet aircraft," or within 5,000 feet of any public use or private airport runway end used by only piston type aircraft. (See Attachment C).

### **6.2.3 Flood Plains**

Flood plains are another consideration. The County does not desire that such a facility locate in the 100-year flood plain. In fact, DNR Rule 391-3-4-.05 (1) (d) states that a facility cannot restrict the flow of the 100-year flood. The protection of natural functioning rural landscapes and natural resources are an expressed and important element of the future Toombs County identified in the community's joint comprehensive plan. (See Attachment C).

### **6.2.4 Wetlands**

Wetlands and groundwater recharge areas will be protected in the future by the countywide ordinance that the County plans to adopt that is based on DNR's Part V Environmental Planning Criteria, the "*Environmental Conservation, On-Site Sewage Management, and Permit Ordinance*". The County is also desirous of protecting the many and various natural streams and environments that dot the area's landscape, as expressed in its comprehensive plan. The County presumes that any solid waste handling facility within one-half mile of any stream located in or near a wetland is not consistent with the local adopted county joint comprehensive plan. DNR Rule 391-3-4.05(1)(e) requires that no solid waste handling facility be located in a wetlands area, as defined by the U.S. Army Corps of Engineers, unless evidence is provided by the applicant to EPD that the use of such wetlands has

been permitted or otherwise authorized under all other applicable state and federal laws and rules. The owner or operator of the solid waste handling facility must place a demonstration of compliance in the operating record and give notification that it has been placed in the operating record. The owner or operator must also show compliance and compatibility with the policies, Community Vision, and other facets of the community's joint comprehensive plan.

### **6.2.5 Fault Areas, Seismic Impact Zones, and Unstable Areas**

Other considerations such as fault areas, seismic impact zones, and unstable areas do not apply to Toombs County at this time. However, should such entities be found to be in existence in Toombs County at a later date, all applicable DNR rules concerning such entities will be followed. DNR Rule 391-3-4-.05(1)(f) requires that new solid waste handling facilities shall not be located within 200 feet of a fault that has had displacement in the Holocene Epoch unless the owner or operator can demonstrate that an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the facility and will be protective of human health and the environment. DNR Rule 391-3-4-.05(1)(g) prohibits the location of new solid waste handling facilities in seismic impact zones unless the owner or operator can demonstrate that all containment structures 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 solid waste handling facilities located in unstable areas to demonstrate that engineering measures have been incorporated in the facility's design to ensure that the structure's integrity will not be disrupted. It is desired by Toombs County that no solid waste handling facilities locate within one-half mile of any such fault area, seismic impact zone, or unstable area that may be found to be in existence in Toombs County in the future.

### **6.2.6 Significant Groundwater Recharge Areas**

Groundwater recharge areas will be protected in the future by the ordinance that the county's local governments plan to adopt that is based on DNR's Part V Environmental Planning Criteria, the "*Environmental Conservation, On-Site Sewage Management, and Permit Ordinance*". The County also desires that no facility locate within two miles of any significant groundwater

recharge areas. DNR Rule 391-3-4-.05(1)(j) requires such facilities within two miles of significant groundwater recharge areas to have liners and leachate collection systems, except for 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 that is designated as a significant groundwater recharge area. The owner or operator must also show compliance and compatibility with the policies, Community Vision, and other facets of the community's joint comprehensive plan.

### **6.2.7 Other Environmentally Sensitive Areas**

Solid waste handling facilities are also discouraged from locating near any area of the county that is identified as prime farmland or as an area having either archaeological or historical significance. The owner or operator must also show compliance and compatibility with the policies, Community Vision, and other facets of the community's joint comprehensive plan.

## **6.3 Local Procedures for Siting Solid Waste Facilities**

### **6.3.1 Required Procedures**

As part of the site selection process, an applicant must prepare an engineering report detailing how the solid waste handling facility will comply with all applicable local, state, and federal regulations, as well as compliance and compatibility with the policies, Community Vision, and other facets of the community's joint comprehensive plan. The report must also discuss how the facility will be compatible with surrounding land uses and community facilities, including detailing the impact on roads and any required improvements, the uses of land in close proximity, adjacent properties (all lots within 500 feet of the property and the names of the owners of all such properties), required water system improvements, wastewater management systems, and erosion control measures. It should also articulate information pertaining to the operation of the facility, such as the hours of operation, location and size of the facility, capacity, types of materials to be accepted, disposal fees, private or public usage, and number of employees. In addition, an engineering report should include expected noise levels at the perimeter of the property and at 100 foot intervals around the boundaries of the property, out to a distance of 500 feet. This would also be required should one or more of the local governments propose such a facility.

Upon the submittal of a completed application to the County and/or appropriate city, the applicant must notify all adjoining property owners and all property owners where any portion of their property is within 1,000 feet of the proposed landfill's boundaries via first class mail. Certification of the notification, along with a list of all property owners, must be provided to the County and/or appropriate city.

### **6.3.2 Public Notification**

Along with an engineering report, the applicant must prepare a Public Participation Plan. This plan will highlight to the County and/or the appropriate city(ies) how the applicant will inform the public, businesses, and interested parties of the proposed facility. The plan must identify the order in which these parties will be notified and the manner in which such notification will be conducted. The County and/or the appropriate city(ies) would then review the plan, and upon approval, the applicant would execute the plan and prepare a Public Participation Report that would document the results of the Public Participation Plan. A Public Hearing would then be held at the applicant's expense to solicit the views and concerns of local citizens. The applicant is also required to provide at their expense for notice of a public hearing to be published in the local newspaper at least twice prior to the required public hearing. Should one or more of the local governments propose such a facility, they would also be required to follow these public notification procedures.

### **6.3.3 Impact of Proposed Facility on Solid Waste Management Infrastructure, Solid Waste Collection and Disposal, Solid Waste Management Local and State Waste Reduction Goals, and the Toombs County Joint Comprehensive Plan**

Finally, the applicant must provide an Impact Statement and an Environmental Assessment prior to any action by the County and/or the appropriate city(ies) or any public hearing. This is so that the proposed impact on the current solid waste management infrastructure, collection capability and disposal capacity, and the County's ability to facilitate the state's 23% waste reduction goal can be adequately addressed, along with the potential impact on the surrounding natural environment. The Impact

Statement should also address compliance and compatibility of the project with this Solid Waste Management Plan as well as the policies and Community Vision outlined in the Toombs County Joint Comprehensive Plan. Upon the completion and submittal of all required documentation, public hearings, and public meetings, the County and/or the appropriate city(ies) will then conduct a review and issue its findings as to the approval or denial, based on all applicable local, state, and federal regulations, and compatibility with local plans. Should one or more of the local governments propose such a facility, they would also have to conduct an Impact Statement and Environmental Assessment to ensure the facility's compatibility with the aforementioned criteria.

#### **6.4 Land Limitation Needs and Goals:**

##### **Goal:**

1. Implement a formal application process with rules and procedures updated regarding solid waste handling facilities that are consistent with the newly Solid Waste Management Plan.

##### **Need:**

1. Meet with all applicable stakeholders to establish a formal application process that will insure that solid waste handling facilities are located in areas that are suitable for such facilities, are compatible with surrounding land uses, are in compliance with applicable local, state, and federal regulations, preserve the existing rural character and maintain/enhance the current quality of life while providing for compatible and quality future growth and development, prevent nuisances and uses disruptive to the community's plans and vision, and are not considered for location in areas that have been identified as unsuitable due to environmental or land use limitations.

## **Section 7 Education and Public Involvement Element**

### **7.1 Public Education Programs**

The local governments in Toombs County have a limited number of programs in place to educate the public concerning solid waste management. There is no formal countywide education program through the county's local governments at this time, due mainly to funding and other issues. Toombs County does have a full-time Code Enforcement officer through the Sheriff's Department who is responsible for enforcing a local environmental codes program to combat the problems of littering and illegal dumping countywide. The county's three municipalities are also covered by this program. In addition to enforcing the countywide codes ordinance, the local code enforcement officer, under a more formalized program, could have the responsibility of educating the general public about proper solid waste management and source reduction. Realizing that educating the youth of the county is essential to any public education effort, the code enforcement officer could periodically give presentations to the local schools and distribute literature and other materials promoting the use of recycling and the proper disposal of household waste and other materials. The County's code enforcement program has only been somewhat effective to date in helping to reduce the amount of illegal dumping due to the lack of abundant and available resources. As a result, littering continues to be an ongoing problem throughout the unincorporated areas as well as in some areas of Vidalia, although illegal dumping may become less of an issue in the unincorporated area in the future with the ongoing establishment of manned convenience centers. Because of its limited effectiveness on both the enforcement front and education side, Toombs County needs to continue its code enforcement program and pursue any available avenues of funding to expand the program as appropriate.

Vidalia city officials and Sullivan Environmental Services have established an educational program at Sallie D. Meadows Elementary and J. R. Trippe Middle schools in Vidalia. The focus of the program is to generate interest among young people in recycling and litter control. Recycling containers have been placed at both locations and are collected on an as needed basis. The program to date has been rather successful with students from both schools

actively participating. No such educational programs are in existence at this time at any of the other schools in either the Toombs County School System or Vidalia City School System.

The lack of available resources due to the County's somewhat small tax base creates limits on the scope of any program that is undertaken. The County recognizes the need to continue to foster increased utilization of recycling activities countywide and will continue to pursue avenues to expand its recycling operations and increase its use by the local citizenry.

Local government participation in local or regional public involvement programs is rather active. All of the local governments currently participate in the annual "Let's Keep Georgia Peachy Clean" cleanup week, and the governments plan to continue their participation in the future. Lyons and Vidalia both have an active Garden Club. Various civic clubs also participate in general beautification and clean-up activities periodically.

#### **7.2 Solid Waste Advisory Committee/Task Force**

This is not applicable currently in any of the local governments in Toombs County. There are no plans to establish such a committee in the near future.

#### **7.3 School System Programs**

Representatives from Sullivan Environmental Services and Vidalia city officials regularly visit Sallie D. Meadows Elementary and J. R. Trippe Middle schools to speak about the importance of recycling and litter control. Recycling containers have been placed at the two schools and are collected on an as needed basis. There currently are no programs in the Toombs County School System or in the other schools within the Vidalia City School System.

#### **7.4 Litter Control Programs**

In addition to its codes enforcement program, Toombs County and each of its municipalities have previously utilized inmate labor from local law enforcement to conduct roadside pickups and other cleanup methods. Toombs County presently uses those sentenced to community service detail to conduct cleanup activities six days per week, as well as inmates from the Treutlen Probation Detention Center four days per week. The City of Lyons utilizes

four inmate details on a regular basis from the Appling Pre-Release Center. The City of Vidalia utilizes inmate detail from the Claxton Probation Detention Center Monday through Thursday for the same purpose in their jurisdiction. Santa Claus has previously utilized inmate detail to remove litter and other refuse, but this has not been occurring in recent times due to a lack of feasibility. The Lyons Garden Club, Vidalia Garden Club, Altamaha Board of Realtors, and Kiwanis Club of Vidalia have also been active in this arena, as have various civic clubs and organizations from time to time.

### **7.5 Regional RC Programs**

There are currently no RC programs in effect in Toombs County, nor are there any plans to establish a program(s) in the near future.

### **7.6 Education and Public Involvement Needs and Goals**

#### **Goals:**

1. Develop a more formal countywide education and technical assistance program as a joint effort among Toombs County and its municipalities in source reduction, reuse, recycling, and composting; and seek funding as appropriate to expand the program.
2. Increase the voluntary recycling and reduction opportunities for businesses and industries.
3. Maintain and increase participation in local, regional, and state beautification efforts, both in the incorporated and unincorporated areas, and form additional local programs as appropriate.
4. Continue to increase efforts to educate citizens as to the benefits of recycling and composting.

#### **Needs:**

1. Increase the promotion and utilization of recycling activities throughout Toombs County and its municipalities through the Toombs County Codes Enforcement program, the local school systems, and other means as appropriate.

2. Maintain coordination of a recycling/waste reduction education program at Sallie D. Meadows Elementary and J. R. Trippe Middle schools, as well as establishing programs with the remaining schools within the Toombs County School System and Vidalia City School System in conjunction with the Toombs County Codes Enforcement.
3. Pursue funding to expand the environmental codes enforcement program as appropriate.
4. Meet with local industries as needed to increase industry participation in local recycling efforts.

## **Section 8 Implementation Strategy**

### **8.1 Summary of Needs and Goals**

#### **8.1.1 Waste Reduction Needs and Goals**

##### **Goals:**

1. Continue to work towards meeting the state waste reduction goal of 23% by 2017.
2. Encourage the expansion of recycling activities countywide, and continue to upgrade recycling facilities as appropriate.
3. Pursue the expansion of recycling efforts, household recycling and otherwise, into the unincorporated area and Santa Claus as appropriate and feasible.

##### **Needs:**

1. Upgrade recycling equipment and facilities in Vidalia, including acquiring additional recycling containers.
2. Upgrade recycling equipment in Lyons, including additional recycling containers on an as needed basis.
3. Lyons needs to pursue the construction of a new recycling collection facility.
4. Pursue additional recyclable materials available for collection in the community.
5. Meet with local industries as needed to increase industry participation in local recycling efforts.
6. Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate.
7. Pursue additional markets for recyclable materials (paper, brown goods, metals, etc.) as appropriate.

8. Do an analysis on additional recyclable materials available for collection in the community.

9. Create a plan for expansion of recycling efforts, single-stream recycling and otherwise, into all of the municipalities as appropriate.

### **8.1.2 Collection Needs and Goals**

#### **Goal:**

1. Maintain current standards of collecting solid waste in both the unincorporated areas of the County and the municipalities.

2. Complete the establishment of convenience centers in the unincorporated area to eliminate the use of all green box sites.

3. Maintain current method of collection and voluntary drop-off of recyclables and special management items countywide, and seek to expand as appropriate.

4. Continue to work towards meeting the state waste reduction goal of 23% by 2017.

5. Encourage the increased utilization of recycling by all citizens.

6. Pursue the expansion of recycling efforts, household recycling and otherwise, into the unincorporated area and Santa Claus as appropriate and feasible.

7. Maintain the current collection method of yard trimmings by the County and municipalities.

8. Toombs County and the municipalities need to develop a composting/ mulching program as feasible.

9. Maintain an active codes enforcement program countywide with an increased emphasis on litter control, promoting recycling, source reduction, and reuse where appropriate. Additional funds to expand the program's

scope should be pursued as necessary.

**Needs:**

1. The City of Lyons needs to pursue the upgrade of collection vehicles.
2. The County needs to pursue the acquisition of additional sites for convenience centers as appropriate.
3. Construct additional convenience centers in unincorporated Toombs County, as appropriate and feasible, to replace green boxes.
4. Lyons needs to pursue the construction of a new recycling collection facility.
5. Upgrade recycling equipment and facilities in Vidalia, including acquiring additional recycling containers on an as needed basis.
6. Upgrade recycling equipment in Lyons, including additional recycling containers on an as needed basis.
7. Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate.
8. Increase the promotion and utilization of recycling activities throughout Toombs County and its municipalities through the Toombs County Codes Enforcement program and other means as appropriate.
9. Purchase additional equipment for yard trimming collection in all jurisdictions as appropriate.
10. Pursue the purchase of equipment for composting/mulching as appropriate and feasible.
11. Develop additional ordinances as needed and appropriate to strengthen illegal dumping enforcement and prevention efforts.

12. Pursue funding to expand the environmental codes enforcement program as appropriate.

### **8.1.3 Disposal Needs and Goals**

#### **Goals:**

1. Seek to improve current method of disposal for municipal solid waste, recyclables and special management items countywide.
2. Utilize thermal treatment technology, through the development of a Biosphere, to improve disposal capacity.

#### **Needs:**

1. The County needs to perform a cost/benefit analysis in pursuit of the permitting of the vertical expansion of C&D waste.
2. Implement thermal treatment technology through the development of the Biosphere.
3. Pursue additional markets to more properly dispose of recyclable materials (paper, brown goods, metals, etc.) as appropriate.

### **8.1.4 Land Limitation Needs and Goals**

#### **Goal:**

1. Implement a formal application process with rules and procedures updated regarding solid waste handling facilities that are consistent with the newly adopted Solid Waste Management Plan.

#### **Need:**

1. Meet with all applicable stakeholders to establish a formal application process that will insure that solid waste handling facilities are located in areas that are suitable for such facilities, are compatible with surrounding land uses, are in compliance with applicable local, state, and federal regulations, preserve the existing rural character and maintain/enhance the current quality of life while providing for compatible and quality future growth and development, prevent nuisances and uses disruptive to the community's plans

and vision, and are not considered for location in areas that have been identified as unsuitable due to environmental or land use limitations.

### **8.1.5 Education and Public Involvement Needs and Goals**

#### **Goals:**

1. Develop a more formal countywide education and technical assistance program as a joint effort among Toombs County and its municipalities in source reduction, reuse, recycling, and composting; and seek funding as appropriate to expand the program.
2. Increase the voluntary recycling and reduction opportunities for businesses and industries.
3. Maintain and increase participation in local, regional, and state beautification efforts, both in the incorporated and unincorporated areas, and form additional local programs as appropriate.
4. Continue to increase efforts to educate citizens as to the benefits of recycling and composting.

#### **Needs:**

1. Increase the promotion and utilization of recycling activities throughout Toombs County and its municipalities through the Toombs County Codes Enforcement program, the local school systems, and other means as appropriate.
2. Maintain coordination of a recycling/waste reduction education program at Sallie D. Meadows Elementary and J. R. Trippe Middle schools, as well as establishing programs with the remaining schools within the Toombs County School System and Vidalia City School System in conjunction with the Toombs County Codes Enforcement.
3. Pursue funding to expand the environmental codes enforcement program as appropriate.

4. Meet with local industries as needed to increase industry participation in local recycling efforts.

Attachment A  
Assurance of Ten-year Disposal  
Capacity and Thermal Treatment  
Technology

# Toombs County Commissioners

THOMAS B. "BUDDY" WEST  
Chairman

ROY LEE WILLIAMS  
District #1

LOUIE POWELL  
District #2

HARRY R. "SKEETER" TOOLE  
District #3

P. O. Box 112

Lyons, Georgia 30436

Phone: 912-526-3311

Fax: 912-526-1004

STEVE BROWN  
District #4

DOUGLAS R. EAVES  
County Manager

GAIL WIDNER  
County Clerk

May 10, 2010

Mr. Randy Hartmann, Director  
Office of Waste Management  
Georgia Department of Community Affairs  
60 Executive Park South, NE  
Atlanta, Georgia 30329-2231

Dear Mr. Hartmann:

This letter serves as a disposal capacity assurance for waste generated by Toombs County and the municipalities of Lyons, Santa Claus, and Vidalia. Waste is hauled by the City of Lyons directly to the Toombs County Municipal Solid Waste Landfill. Waste in both Santa Claus and Vidalia is hauled by Sullivan Environmental Services directly to the Toombs County Municipal Solid Waste Landfill. Citizens in the unincorporated areas of the county haul their waste to the manned county convenience center serving their area. Waste is then hauled by the County from the convenience centers to the Toombs County Municipal Solid Waste Landfill, and the Georgia EPD permit number for this facility is 138-006D(MSWL). This facility has a remaining capacity of 16.7 years. The address for the Toombs County Municipal Solid Waste Landfill is 2974 Lyons Center Road, Lyons, GA 30436.

Thus, the Toombs County Municipal Solid Waste Landfill has more than the required 10 years capacity assurance to receive and properly dispose of the municipal solid waste from all of the governments in Toombs County. This assurance is based upon the estimated total disposal of approximately 614,572 tons of municipal solid waste from 2008-2019 by unincorporated Toombs County and the municipalities of Lyons, Santa Claus, and Vidalia.

Sincerely,



Douglas R. Eaves  
Toombs County Manager

Attachment B  
Implementation Strategy &  
Short Term Work Program

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Waste Stream Element**

**STWP ITEM:**            **Establish an ongoing data collection system/procedure addressing collection, reduction, transfer, and disposal.**  
**COMPLETE:**            Yes.  
**PROJECT STATUS:** A data collection system regarding solid waste collection and disposal will be continued on an ongoing basis. This item will not be relisted in the New STWP.

**STWP ITEM:**            **Manage data collection system.**  
**COMPLETE:**            Yes.  
**PROJECT STATUS:** Toombs County will continue to manage its data collection system for solid waste on an ongoing basis. This item will not be relisted in the New STWP.

**STWP ITEM:**            **Monitor waste quantity and composition annually.**  
**COMPLETE:**            Yes.  
**PROJECT STATUS:** Toombs County will continue to monitor waste quantity and composition on an annual basis. This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Collection Element**

**STWP ITEM:** **Toombs County will provide solid waste collecting throughout the unincorporated section of Toombs County.**

**COMPLETE:** Yes.

**PROJECT STATUS:** The County will continue to provide for solid waste collection in the unincorporated areas on an ongoing basis. The previous utilization of green boxes is in the process of being replaced with the establishment of convenience centers. This item will be restated in the New STWP.

**STWP ITEM:** **Consider developing convenience centers throughout Toombs County.**

**COMPLETE:** Yes.

**PROJECT STATUS:** Three convenience centers have been completed, with two additional sites needing to be developed. The County anticipates having five manned convenience centers in place by the end of 2009 or early 2010. This item will be restated in the New STWP.

**STWP ITEM:** **Eliminate green box containers throughout Toombs County, if convenience centers are developed.**

**COMPLETE:** No.

**REASON NC:** To date, the County has achieved a 20 percent reduction in the number of green box containers countywide. It is anticipated that five convenience centers will be developed and in place by the end of 2009 or early 2010, thus leading to the eventual elimination of all green box containers.

**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Clean up green box sites throughout Toombs County by fencing in the sites and maintaining the land that the containers are placed on.**

**COMPLETE:** Yes.

**PROJECT STATUS:** All green box sites have been fenced in, although the green boxes will be eliminated with the completion of the development of convenience centers. This item will not be restated in the New STWP.

**STWP ITEM:** **Toombs County will continue to provide solid waste collection for commercial customers in the unincorporated areas of the county.**

**COMPLETE:** Yes.

**PROJECT STATUS:** Individual businesses contract privately with Sullivan Environmental Services for solid waste collection. This item will be continued on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Waste Reduction Element**

- STWP ITEM:** Toombs County will solicit grant funding to assist in developing a recycling drop-off program for its customers.  
**COMPLETE:** No.  
**REASON NC:** The County has instead opted to pursue the development of a biosphere program through America’s Waste to Energy which will create a process by which waste at the county’s landfill will be converted through a gasification process to produce electricity, which will then be sold to Georgia Power.  
**PROJECT STATUS:** The biosphere program will be listed in the New STWP.
- STWP ITEM:** Determine drop-off sites.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** The County does accept recyclable items at the landfill, but otherwise does not have a drop-off program. This item will not be restated in the New STWP.
- STWP ITEM:** Procure private services for collection of recyclables at drop-off sites.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** The County does sell white goods and brown goods to the highest bidder for cash. This item will be relisted in the New STWP.
- STWP ITEM:** Develop a drop-off program for recyclable materials.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** Citizens are allowed to take recyclable items to the landfill. This will be continued on an ongoing basis and will be restated in the New STWP.
- STWP ITEM:** Operate a recyclables drop-off program.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** Citizens are allowed to take recyclable items to the landfill. This will be continued on an ongoing basis and will be combined with the item above in the New STWP.
- STWP ITEM:** Target specific recyclables for collection.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** The County does sell white goods and brown goods to the highest bidder for cash. This item will be relisted in the New STWP.

**STWP ITEM:** **Examine economic incentives for commercial businesses in disposal and collection.**

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Continued operation of the Toombs County Inert Landfill.**

COMPLETE: No.

REASON NC: Yard waste is taken to the county's C&D landfill, which is permitted to accept yard trimmings. There is no inert landfill.

PROJECT STATUS: Operation of the C&D landfill will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Continued operation of the Construction and Demolition Landfill.**

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Continued operation of a yard waste recovery program.**

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Develop disposal fee incentives for reduction and recycling for industries.**

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Operate a mulching program at the landfill site.**

COMPLETE: No.

REASON NC: The County does not operate a mulching program and has no plans to do so in the near future.

PROJECT STATUS: This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Disposal Element**

**STWP ITEM:** Continued operation of the Toombs County Sanitary Landfill.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Establish an ongoing data collection system for monitoring disposal quantities.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** A data collection system regarding solid waste collection and disposal will be continued on an ongoing basis. This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Joint Education Element**

**STWP ITEM:**            **Develop a countywide education and technical assistance program as a joint effort among the County and each of the cities in source reduction, reuse, recycling, and composting.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Target audiences for education programs and administer the education programs.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop school systems programs to coordinate efforts for educating students.**

COMPLETE:            No.

REASON NC:            The development of a school system program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop programs to inform citizens of recycling and reduction opportunities.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop an education program directed toward increasing the voluntary reduction and recycling activities of local industries.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate educational activities through media outlets.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a recycling program and developing a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop educational materials for recycling, reuse, reduction, and composting.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a recycling program and developing a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate special promotions for recycling activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a recycling program and developing a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop and coordinate volunteer base of educational activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Create educational opportunities in conjunction with commercial recycling programs.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Employ a full-time staff person to assist in coordinating public education programs in the region.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**Toombs County – Financing Element**

**STWP ITEM:** Determine most effective methods of revenue recovery for solid waste management programs.

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Determine tipping fees for disposal facility.

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Update user fees for waste collection.

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Engage in full cost accounting for solid waste management activities.

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Examine economic incentives for commercial and industrial sectors.

COMPLETE: Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Waste Stream Element**

**STWP ITEM:**            **Establish an ongoing data collection system/procedure addressing collection, reduction, transfer, and disposal.**

**COMPLETE:**            Yes.

**PROJECT STATUS:** A data collection system regarding solid waste collection and disposal will be continued on an ongoing basis. This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Collection Element**

**STWP ITEM:** Continue to provide curbside solid waste pickup, once weekly.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** The City will continue to provide curbside solid waste collection once per week on an ongoing basis. This item will be restated in the New STWP.

**STWP ITEM:** Maintain a drop-off system for recyclable materials.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** The City will continue to maintain its recycling center on an ongoing basis. This item will be restated in the New STWP.

**STWP ITEM:** Maintain and develop additional drop-off system for recyclable materials.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Continue to provide business level of service of collection.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Purchase a new Knuckle-Boom Truck for the collection of yard debris.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** One such vehicle was purchased in 2000. This item will not be restated in the New STWP.

**STWP ITEM:** Purchase a new commercial collection waste truck.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Examine economic incentives for commercial businesses in disposal and collection.  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will continue on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Waste Reduction Element**

**STWP ITEM: Maintain a drop-off system for recyclable materials.**

COMPLETE: Yes.

PROJECT STATUS: The City will continue to maintain its recycling center on an ongoing basis. This item will be restated in the New STWP.

**STWP ITEM: Procure private services for collection of recyclables at drop-off sites.**

COMPLETE: Yes.

PROJECT STATUS: This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM: Continued operation of the drop-off program.**

COMPLETE: Yes.

PROJECT STATUS: This item will continue on an ongoing basis and will be combined with the first item above in the New STWP.

**STWP ITEM: Continue to target specific recyclables for commercial collection.**

COMPLETE: Yes.

PROJECT STATUS: Cardboard bins are made available at several commercial establishments in the City. This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM: Coordinate a commercial recycling program with residential drop-offs.**

COMPLETE: Yes.

PROJECT STATUS: This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM: Examine economic incentives for commercial businesses in disposal and collection.**

COMPLETE: Yes.

PROJECT STATUS: This item will continue on an ongoing basis and will be restated in the New STWP.

**STWP ITEM: Continued operation of a mulching program at a centralized site.**

COMPLETE: No.

REASON NC: The City does not operate a mulching program and has no plans to do so in the near future.

PROJECT STATUS: This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Disposal Element**

**STWP ITEM:**            **Continue to contract waste disposal at the Toombs County Sanitary Landfill.**

**COMPLETE:**        Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Joint Education Element**

**STWP ITEM:**            **Develop a countywide education and technical assistance program as a joint effort among the County and each of the cities in source reduction, reuse, recycling, and composting.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Target audiences for education programs and administer the education programs.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop school systems programs to coordinate efforts for educating students.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop programs to inform citizens of recycling and reduction opportunities.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop an education program directed toward increasing the voluntary reduction and recycling activities of local industries.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate educational activities through media outlets.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop educational materials for recycling, reuse, reduction, and composting.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate special promotions for recycling activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop and coordinate volunteer base of educational activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Create educational opportunities in conjunction with commercial recycling programs.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Employ a full-time staff person to assist in coordinating public education programs in the region.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Lyons – Financing Element**

**STWP ITEM:** Determine most effective methods of revenue recovery for solid waste management programs.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Update user fees for waste collection.

**COMPLETE:** Yes.

**PROJECT STATUS:** User fees will continue to be updated as needed but will not be restated in the New STWP.

**STWP ITEM:** Engage in full cost accounting for solid waste management activities.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an annual basis but will not be restated in the New STWP.

**STWP ITEM:** Examine economic incentives for commercial and industrial sectors.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis but will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Waste Stream Element**

**STWP ITEM:**            **Establish an ongoing data collection system/procedure addressing collection, reduction, transfer, and disposal.**

**COMPLETE:**            Yes.

**PROJECT STATUS:** A data collection system regarding solid waste collection and disposal will be continued on an ongoing basis. This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Collection Element**

**STWP ITEM:**            **Continue to contract solid waste collection through a private hauler.**

**COMPLETE:**            Yes.

**PROJECT STATUS:** The City will continue to contract with Sullivan Environmental Services for curbside solid waste collection on an ongoing basis. This item will be restated in the New STWP.

**STWP ITEM:**            **Continue to provide commercial solid waste collection through a private hauler.**

**COMPLETE:**            Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Waste Reduction Element**

**STWP ITEM:**           **Examine economic incentives for commercial businesses in disposal and collection.**

**COMPLETE:**        Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Disposal Element**

**STWP ITEM:**            **Continue to contract solid waste disposal at the Toombs  
County Sanitary Landfill.**

**COMPLETE:**        Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be  
restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Joint Education Element**

**STWP ITEM:**            **Develop a countywide education and technical assistance program as a joint effort among the County and each of the cities in source reduction, reuse, recycling, and composting.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Target audiences for education programs and administer the education programs.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop school systems programs to coordinate efforts for educating students.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop programs to inform citizens of recycling and reduction opportunities.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:**            **Develop an education program directed toward increasing the voluntary reduction and recycling activities of local industries.**

COMPLETE:            No.

REASON NC:            The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.

PROJECT STATUS: This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate educational activities through media outlets.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop educational materials for recycling, reuse, reduction, and composting.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Coordinate special promotions for recycling activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Develop and coordinate volunteer base of educational activities.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Create educational opportunities in conjunction with commercial recycling programs.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will be restated in the New STWP.

**STWP ITEM:** **Employ a full-time staff person to assist in coordinating public education programs in the region.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Santa Claus – Financing Element**

**STWP ITEM:**           **Determine most effective methods of revenue recovery for solid waste management programs.**

COMPLETE:           Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:**           **Update user fees for waste collection.**

COMPLETE:           Yes.

PROJECT STATUS: User fees will continue to be updated as needed but will not be restated in the New STWP.

**STWP ITEM:**           **Engage in full cost accounting for solid waste management activities.**

COMPLETE:           Yes.

PROJECT STATUS: This item will be continued on an annual basis but will not be restated in the New STWP.

**STWP ITEM:**           **Examine economic incentives for commercial and industrial sectors.**

COMPLETE:           Yes.

PROJECT STATUS: This item will be continued on an ongoing basis but will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Waste Stream Element**

**STWP ITEM:**            **Establish an ongoing data collection system/procedure addressing collection, reduction, transfer, and disposal.**

**COMPLETE:**            Yes.

**PROJECT STATUS:** A data collection system regarding solid waste collection and disposal will be continued on an ongoing basis. This item will not be relisted in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Collection Element**

**STWP ITEM:** Continue to contract solid waste collection through a private hauler.

**COMPLETE:** Yes.

**PROJECT STATUS:** The City will continue to contract with Sullivan Environmental Services for curbside solid waste collection on an ongoing basis. This item will be restated in the New STWP.

**STWP ITEM:** Maintain a drop-off system for recyclable materials.

**COMPLETE:** Yes.

**PROJECT STATUS:** The City provides drop-off containers throughout the city as well curbside collection of recyclables and a convenience center. This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Continue to provide commercial solid waste collection through a private hauler.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Waste Reduction Element**

**STWP ITEM:**           **Maintain a drop-off system for recyclable materials.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** The City provides drop-off containers throughout the city as well as curbside collection of recyclables and a convenience center. This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:**           **Procure private services for collection of recyclables at drop-off sites.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis through Sullivan Environmental Services and will be restated in the New STWP.

**STWP ITEM:**           **Continued operation of the drop-off program.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** The City provides drop-off containers throughout the city as well as curbside collection of recyclables and a convenience center. This item will be continued on an ongoing basis and will be combined with the first item above in the New STWP.

**STWP ITEM:**           **Continue to target specific recyclables for commercial collection.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:**           **Coordinate a commercial recycling program with residential drop-offs.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:**           **Examine economic incentives for commercial businesses in disposal and collection.**  
**COMPLETE:**           Yes.  
**PROJECT STATUS:** The City has a tiered pricing structure to help businesses reduce their individual waste stream. This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** Continued operation of a mulching program at a centralized site.

**COMPLETE:** No.

**REASON NC:** The mulching program has been discontinued due to a lack of feasibility and citizen interest at the present time.

**PROJECT STATUS:** This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Disposal Element**

**STWP ITEM:**            **Continue to contract solid waste disposal at the Toombs  
County Sanitary Landfill.**

**COMPLETE:**        Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis and will be  
restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Joint Education Element**

- STWP ITEM:**            **Develop a countywide education and technical assistance program as a joint effort among the County and each of the cities in source reduction, reuse, recycling, and composting.**
- COMPLETE:            No.
- REASON NC:            The development of a countywide education program is contingent upon the development of a sufficient level of interest that is not present at the current time. The City, however, does undertake educational outreach initiatives within its municipal jurisdiction.
- PROJECT STATUS:    This item will be restated in the New STWP.
- 
- STWP ITEM:**            **Target audiences for education programs and administer the education programs.**
- COMPLETE:            Yes.
- PROJECT STATUS:    Presentations are periodically made to local civic clubs. This item will be continued on an ongoing basis and will be restated in the New STWP.
- 
- STWP ITEM:**            **Develop school systems programs to coordinate efforts for educating students.**
- COMPLETE:            Yes.
- PROJECT STATUS:    Educational programs are currently being implemented at both Sallie D. Meadows Elementary School and J.R. Trippe Middle School. Additional programs in these and other city schools may be developed as appropriate. This item will be continued on an ongoing basis and will be restated in the New STWP.
- 
- STWP ITEM:**            **Develop programs to inform citizens of recycling and reduction opportunities.**
- COMPLETE:            Yes.
- PROJECT STATUS:    This item will be continued on an ongoing basis and will be restated in the New STWP.
- 
- STWP ITEM:**            **Develop an education program directed toward increasing the voluntary reduction and recycling activities of local industries.**
- COMPLETE:            Yes.
- PROJECT STATUS:    This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Coordinate educational activities through media outlets.**  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Develop educational materials for recycling, reuse, reduction, and composting.**  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Coordinate special promotions for recycling activities.**  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Develop and coordinate volunteer base of educational activities.**  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Create educational opportunities in conjunction with commercial recycling programs.**  
**COMPLETE:** Yes.  
**PROJECT STATUS:** This item will be continued on an ongoing basis and will be restated in the New STWP.

**STWP ITEM:** **Employ a full-time staff person to assist in coordinating public education programs in the region.**  
**COMPLETE:** No.  
**REASON NC:** The development of an education program is contingent upon the development of a sufficient level of interest that is not present at the current time.  
**PROJECT STATUS:** This item will not be restated in the New STWP.

**Toombs County Solid Waste Management Plan  
Report of Accomplishments**

**City of Vidalia – Financing Element**

**STWP ITEM:** Determine most effective methods of revenue recovery for solid waste management programs.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis but will not be restated in the New STWP.

**STWP ITEM:** Update user fees for waste collection.

**COMPLETE:** Yes.

**PROJECT STATUS:** User fees will continue to be updated as needed but will not be restated in the New STWP.

**STWP ITEM:** Engage in full cost accounting for solid waste management activities.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an annual basis but will not be restated in the New STWP.

**STWP ITEM:** Examine economic incentives for commercial and industrial sectors.

**COMPLETE:** Yes.

**PROJECT STATUS:** This item will be continued on an ongoing basis but will not be restated in the New STWP.

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>WASTE REDUCTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Continue to procure private services for the collection of recyclables at the landfill	2008-2019	Toombs County, Private Companies	NA	NA
Continue to provide for collection of recyclables at the landfill	2008-2019	Toombs County	\$1.1 million (part of overall solid waste budget)	Enterprise Fund
Continue to target specific recyclables for commercial collection	2008-2019	Toombs County	NA	NA
Continue to examine economic incentives for commercial businesses in disposal and collection	2008-2019	Toombs County	NA	NA
Continue to operate the Toombs County C&D Landfill	2008-2019	Toombs County	\$1.1 million (part of overall solid waste budget)	Enterprise Fund
Continue to operate a yard trimmings collection program	2008-2019	Toombs County	\$1.1 million (part of overall solid waste budget)	Enterprise Fund
Continue to develop disposal fee incentives as needed for reduction and recycling for industries	2008-2019	Toombs County	NA	NA
Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate	2008-2019	Toombs County, Santa Claus	\$20,000 (study)	General Fund
Continue to maintain recycling center	2008-2019	City of Lyons	\$40,000/yr.	Enterprise Fund

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>WASTE REDUCTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Investigate the feasibility of constructing a new recycling facility	2010	City of Lyons	\$35,000	General Fund
Continue to procure private services for collection of recyclables at the recycling center	2008-2019	City of Lyons	\$17,000/yr.	Enterprise Fund
Continue to target specific recyclables for commercial collection	2008-2019	City of Lyons	\$40,000/yr. (part of overall recycling budget)	Enterprise Fund
Continue to coordinate a commercial recycling program with the residential program	2008-2019	City of Lyons	\$40,000/yr. (part of overall recycling budget)	Enterprise Fund
Continue to examine as appropriate economic incentives for commercial businesses in disposal and collection	2008-2019	City of Lyons	NA	NA
Continue to maintain and operate the inert landfill	2008-2019	City of Lyons	\$12,000/yr.	Enterprise Fund
Seek to upgrade recycling equipment, including additional containers, as needed	2008-2019	City of Lyons	\$16,000/yr.	Enterprise Fund
Continue to examine as appropriate economic incentives for commercial businesses in disposal and collection	2008-2019	City of Santa Claus	NA	NA
Continue to provide curbside collection as well as drop-off containers for recyclable materials	2008-2019	City of Vidalia	\$90,000/yr.	Enterprise Fund

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>WASTE REDUCTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Continue to procure private services for collection of recyclables at the recycling center	2008-2019	City of Vidalia, Private Companies	NA	NA
Continue to target specific recyclables for commercial collection	2008-2019	City of Vidalia	\$38,000/yr. (cardboard)	Enterprise Fund
Continue to coordinate a commercial recycling program with the residential program	2008-2019	City of Vidalia	\$90,000/yr. (part of overall recycling budget)	Enterprise Fund
Continue to examine as appropriate economic incentives for commercial businesses in disposal and collection	2008-2019	City of Vidalia	NA	NA
Seek to upgrade recycling equipment and facilities, including additional containers, as needed	2008-2019	City of Vidalia	\$16,000 (total, containers)	Enterprise Fund
Explore as appropriate the feasibility of pursuing additional recyclable materials available for collection in the community	2008-2019	Toombs County, Municipalities	\$5,000 (study)	General Fund
Meet with local industries as needed to increase industry participation in local recycling efforts	2008-2019	Toombs County Codes Enforcement, Local Industries	NA	NA
Pursue additional markets for recyclable materials as appropriate	2008-2019	Toombs County, Municipalities, Private Companies	NA	NA

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>WASTE REDUCTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Do an analysis on additional recyclable materials available for collection in the community	2008-2019	Toombs County, Municipalities	\$5,000 (total, study)	NA
Create a plan for the expansion of recycling efforts into all local governments as appropriate and feasible	2008-2019	Toombs County, Municipalities	\$5,000 (study)	General Fund
<b>COLLECTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Continue to maintain and utilize convenience centers as primary means of solid waste collection	2009-2019	Toombs County	\$60,000/center	SPLOST
Continue to eliminate green box containers as more convenience centers are developed	2009-2011	Toombs County	\$100,000 (part of overall cost of developing new convenience center sites)	SPLOST
Continue to acquire new sites for convenience centers and construct as appropriate	2009-2019	Toombs County	\$100,000/site	SPLOST
Continue to have commercial businesses contract privately for solid waste collection	2008-2019	Toombs County	NA	NA
Pursue funding to expand the environmental codes enforcement program as appropriate	2008-2019	Toombs County	\$25,000 (total)	General Fund, DCA, GEFA

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

COLLECTION ELEMENT				
ACTIVITY	YEARS THE PLAN IS COVERING	PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY	ESTIMATED COST OF PROPOSED PROGRAMS	FUNDING SOURCE
Investigate the feasibility of establishing a program for household recyclables in the unincorporated area and Santa Claus as appropriate	2008-2019	Toombs County, Santa Claus	\$20,000 (study)	General Fund
Continue to maintain and utilize curbside collection as primary means of solid waste collection	2008-2019	City of Lyons	\$400,000/yr.	Enterprise Fund
Continue to maintain recycling center	2008-2019	City of Lyons	\$40,000/yr.	Enterprise Fund
Investigate the feasibility of constructing a new recycling facility	2010	City of Lyons	\$35,000	General Fund
Continue to provide for commercial collection	2008-2019	City of Lyons	\$400,000/yr. (part of overall solid waste budget)	Enterprise Fund
Purchase a new commercial collection waste truck	2010-2011	City of Lyons	\$185,000 (total)	SPLOST
Continue to examine economic incentives for commercial businesses in disposal and collection as appropriate	2008-2019	City of Lyons	NA	NA
Seek to upgrade recycling equipment, including additional containers, as needed	2008-2019	City of Lyons	\$16,000/yr.	Enterprise Fund
Continue to contract with Sullivan Environmental Services for curbside solid waste collection	2008-2019	City of Santa Claus, Sullivan Environmental	\$10,200/yr.	General Fund

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

COLLECTION ELEMENT				
ACTIVITY	YEARS THE PLAN IS COVERING	PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY	ESTIMATED COST OF PROPOSED PROGRAMS	FUNDING SOURCE
Continue to provide for commercial collection through Sullivan Environmental	2008-2019	City of Santa Claus, Sullivan Environmental	NA	NA
Continue to contract with Sullivan Environmental for curbside solid waste collection	2008-2019	City of Vidalia	\$490,000/yr.	Enterprise Fund
Continue to provide curbside collection as well as drop-off containers for recyclable materials	2008-2019	City of Vidalia	\$90,000/yr.	Enterprise Fund
Continue to provide for commercial collection through Sullivan Environmental	2008-2019	City of Vidalia	\$422,000/yr.	Enterprise Fund
Seek to upgrade recycling equipment and facilities, including additional containers, as needed	2008-2019	City of Vidalia	\$16,000 (total, containers)	Enterprise Fund
Purchase additional equipment for yard trimming collection as appropriate	2008-2019	Toombs County, Municipalities	\$10,000 (total)	General Fund
Pursue the purchase of equipment for composting/mulching as appropriate and feasible	2008-2019	Toombs County, Municipalities	\$10,000 (total)	General Fund
Develop additional ordinances as needed and appropriate to strengthen illegal dumping enforcement and prevention efforts	2008-2019	Toombs County, Municipalities	NA	NA

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>COLLECTION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Promote increased collection of recyclables through the environmental codes enforcement program and other means as appropriate	2008-2019	Toombs County, Municipalities, Toombs County Codes Enforcement	NA	NA
<b>DISPOSAL ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Continue to operate the Toombs County MSW Landfill	2008-2019	Toombs County	\$1.1 million (part of overall solid waste budget)	Enterprise Fund
Continue to operate the Toombs County C&D Landfill	2008-2019	Toombs County	\$1.1 million (part of overall solid waste budget)	Enterprise Fund
Construct three additional cells at the Toombs County MSW Landfill	2009-2010	Toombs County	\$1.2 million (total)	SPLOST
Investigate a cost/benefit analysis as appropriate of a vertical expansion of the C&D landfill	2008-2019	Toombs County	NA	NA
Pursue the construction of additional cells for the Toombs County C&D Landfill	2009-2010	Toombs County	\$1.2 million (total, part of overall cost of additional cells at MSW landfill)	SPLOST
Explore as appropriate the feasibility of pursuing additional recyclable materials available for collection in the community	2008-2019	Toombs County, Municipalities	\$5,000 (study)	General Fund

TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

<b>DISPOSAL ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Pursue the development of a biosphere gasification process at the landfill	2009-2010	Toombs County, America's Waste To Energy	\$3-4 million (total)	Private
Pursue additional markets for recyclable materials as appropriate	2008-2019	Toombs County, Municipalities, Private Companies	NA	NA
Continue to dispose of solid waste through the Toombs County MSW Landfill	2008-2019	City of Lyons	\$130,000/yr.	Enterprise Fund
Continue to dispose of solid waste through the Toombs County MSW Landfill	2008-2019	City of Santa Claus, Sullivan Environmental	\$10,200/yr. (part of overall contract with Sullivan)	General Fund
Continue to dispose of solid waste through the Toombs County MSW Landfill	2008-2019	City of Vidalia	\$200,000/yr.	Enterprise Fund
<b>LAND LIMITATION ELEMENT</b>				
<b>ACTIVITY</b>	<b>YEARS THE PLAN IS COVERING</b>	<b>PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY</b>	<b>ESTIMATED COST OF PROPOSED PROGRAMS</b>	<b>FUNDING SOURCE</b>
Meet with all applicable stakeholders as appropriate to establish a formal application process for the location of solid waste handling facilities	2008-2019	Toombs County, Municipalities	NA	NA



TOOMBS COUNTY SOLID WASTE MANAGEMENT PLAN  
SHORT TERM WORK IMPLEMENTATION SCHEDULE  
2008-2019

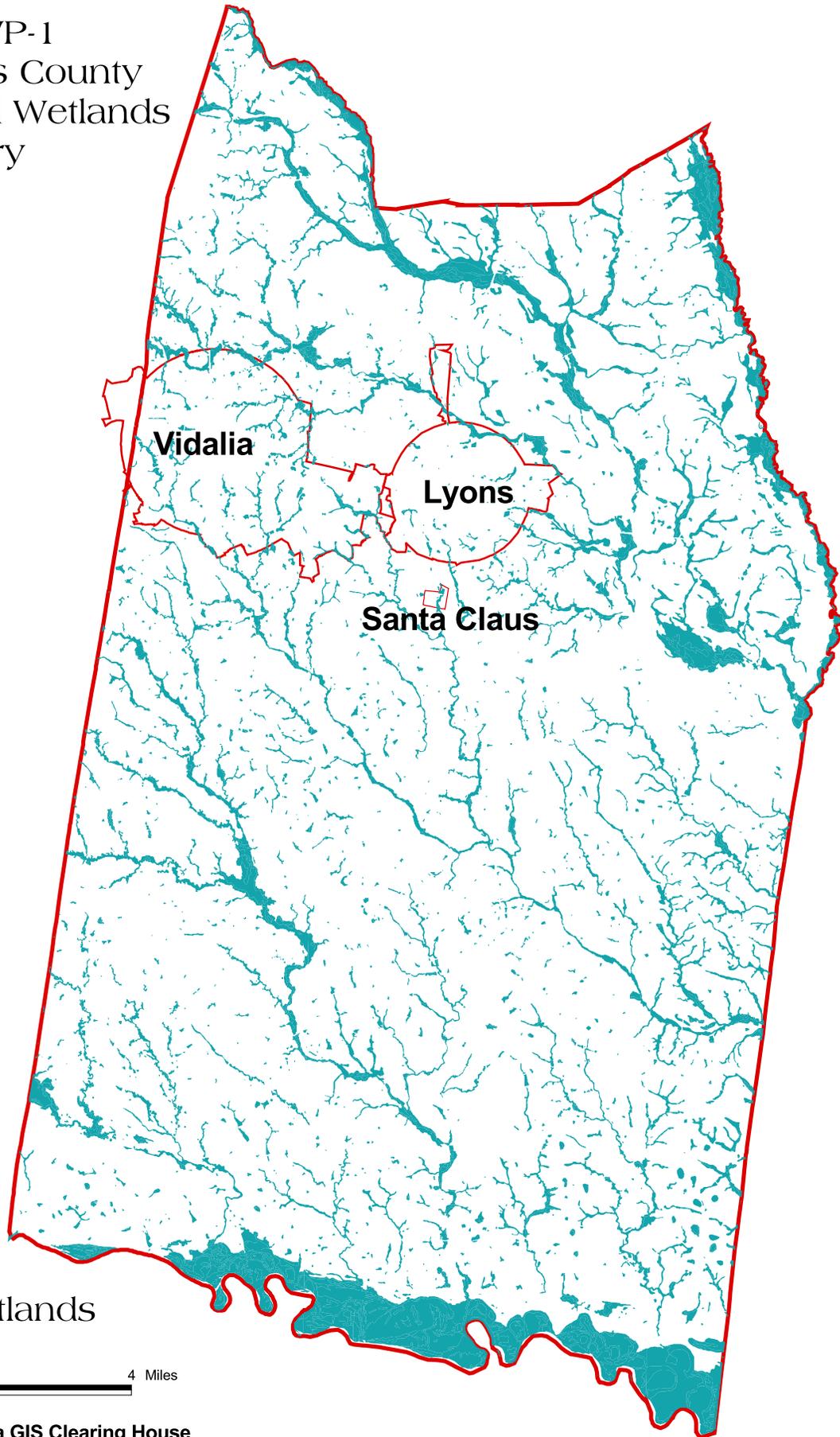
		<b>PUBLIC EDUCATION AND INVOLVEMENT ELEMENT</b>		
ACTIVITY	YEARS THE PLAN IS COVERING	PARTY OR PARTIES RESPONSIBLE FOR MANAGING THE ACTIVITY	ESTIMATED COST OF PROPOSED PROGRAMS	FUNDING SOURCE
Maintain coordination of a recycling/ waste reduction education program at Sallie D. Meadows Elementary and J.R. Trippe Middle schools, as well as establishing programs with the remaining schools within the Toombs County School System and Vidalia City School System in conjunction with the Toombs County Codes Enforcement	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia, Toombs County BOE, Vidalia City BOE	\$1,000/yr.	General Fund
Develop programs to inform citizens of recycling and reduction opportunities	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	\$1,000/yr.	General Fund
Develop an education program directed toward increasing the voluntary reduction and recycling activities of local industries	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	\$1,000/yr.	General Fund
Coordinate educational activities through media opportunities	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	NA	NA
Develop educational materials for recycling, reuse, reduction, and composting	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	\$1,000/yr.	General Fund
Coordinate special promotions for recycling opportunities	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	NA	NA
Develop and coordinate volunteer base of educational activities	2008-2019	Toombs County, City of Lyons, City of Santa Claus, City of Vidalia	NA	NA



# Attachment C

## Maps

Map SWP-1  
Toombs County  
National Wetlands  
Inventory

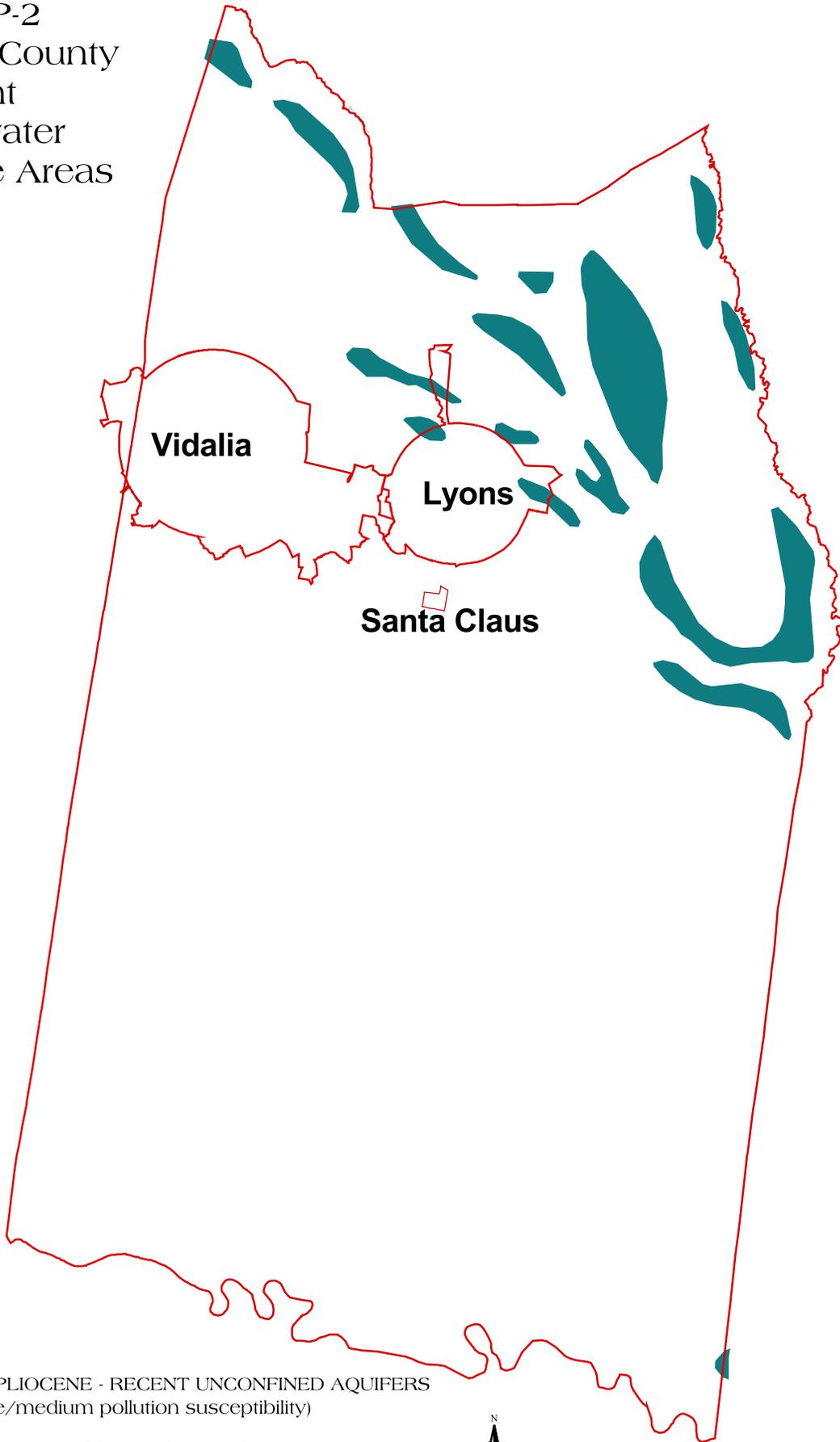


 Wetlands



Source: Georgia GIS Clearing House  
Heart of Georgia Altamaha RC, 2009

MAP SWP-2  
Toombs County  
Significant  
Groundwater  
Recharge Areas

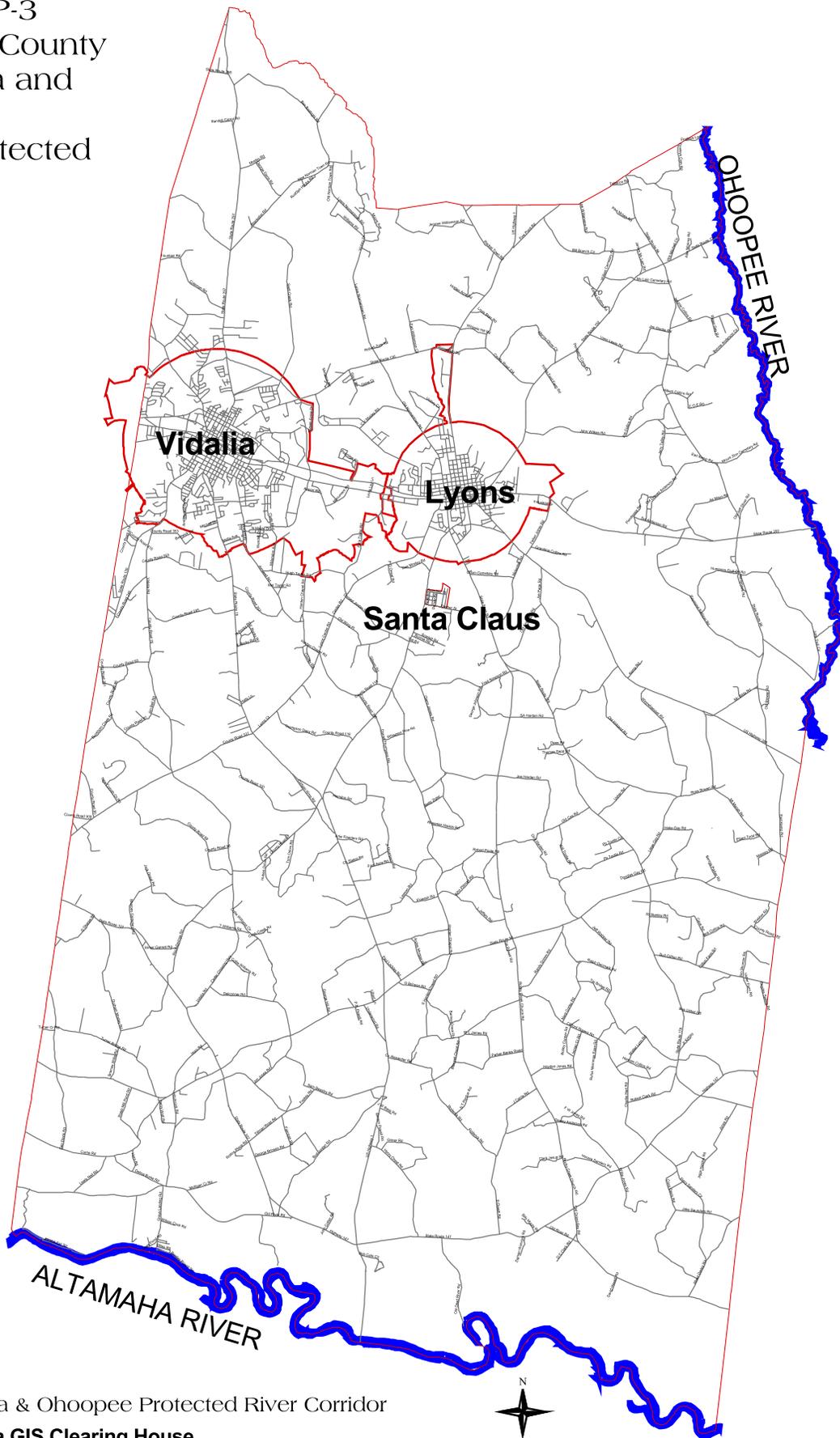


Recharge Areas  
■ MIOCENE/PLIOCENE - RECENT UNCONFINED AQUIFERS  
(All average/medium pollution susceptibility)

Source: Hydrologic Atlas 18 of Georgia Geologic Survey, 1989  
Heart of Georgia Altamaha RC, 2009



MAP SWP-3  
Toombs County  
Altamaha and  
Ochopee  
River Protected  
Corridors

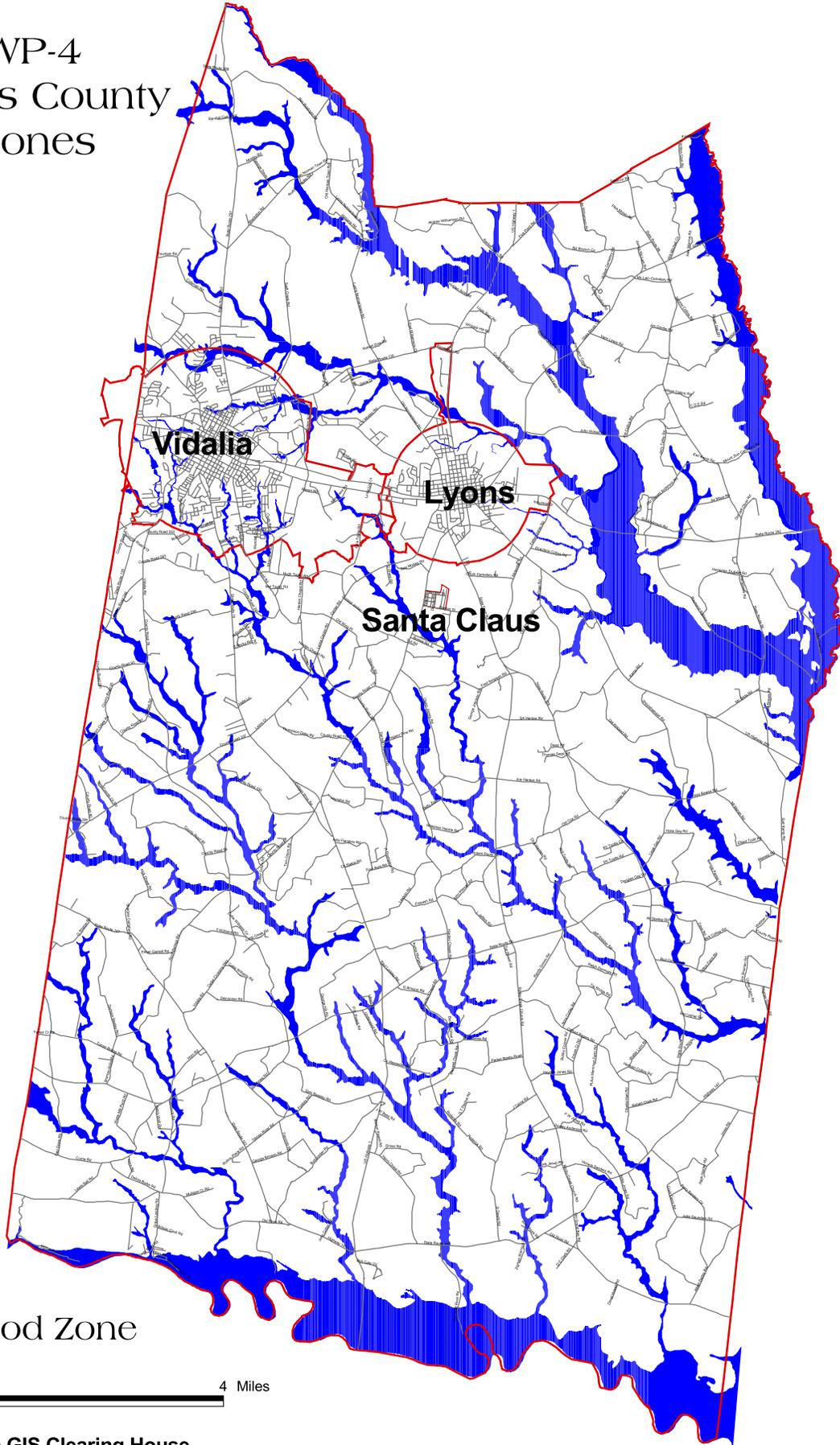


 Altamaha & Ochopee Protected River Corridor

Source: Georgia GIS Clearing House  
Heart of Georgia Altamaha RC, 2009

0 4 Miles

MAP SWP-4  
Toombs County  
Flood Zones



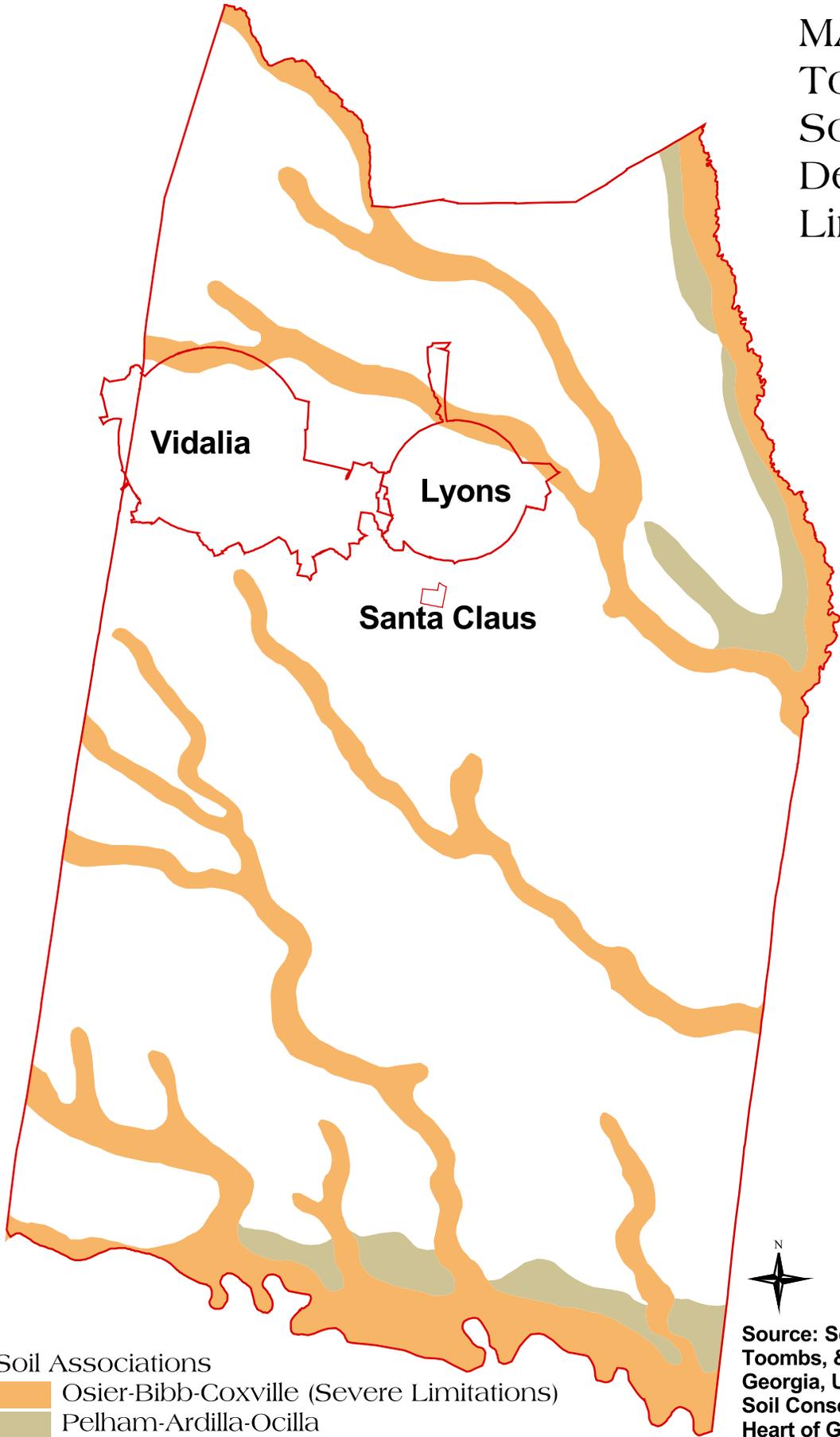
 Flood Zone



0  4 Miles

Source: Georgia GIS Clearing House  
Heart of Georgia Altamaha RC, 2009

# MAP SWP-5 Toombs County Soils with Development Limitations



**Soil Associations**

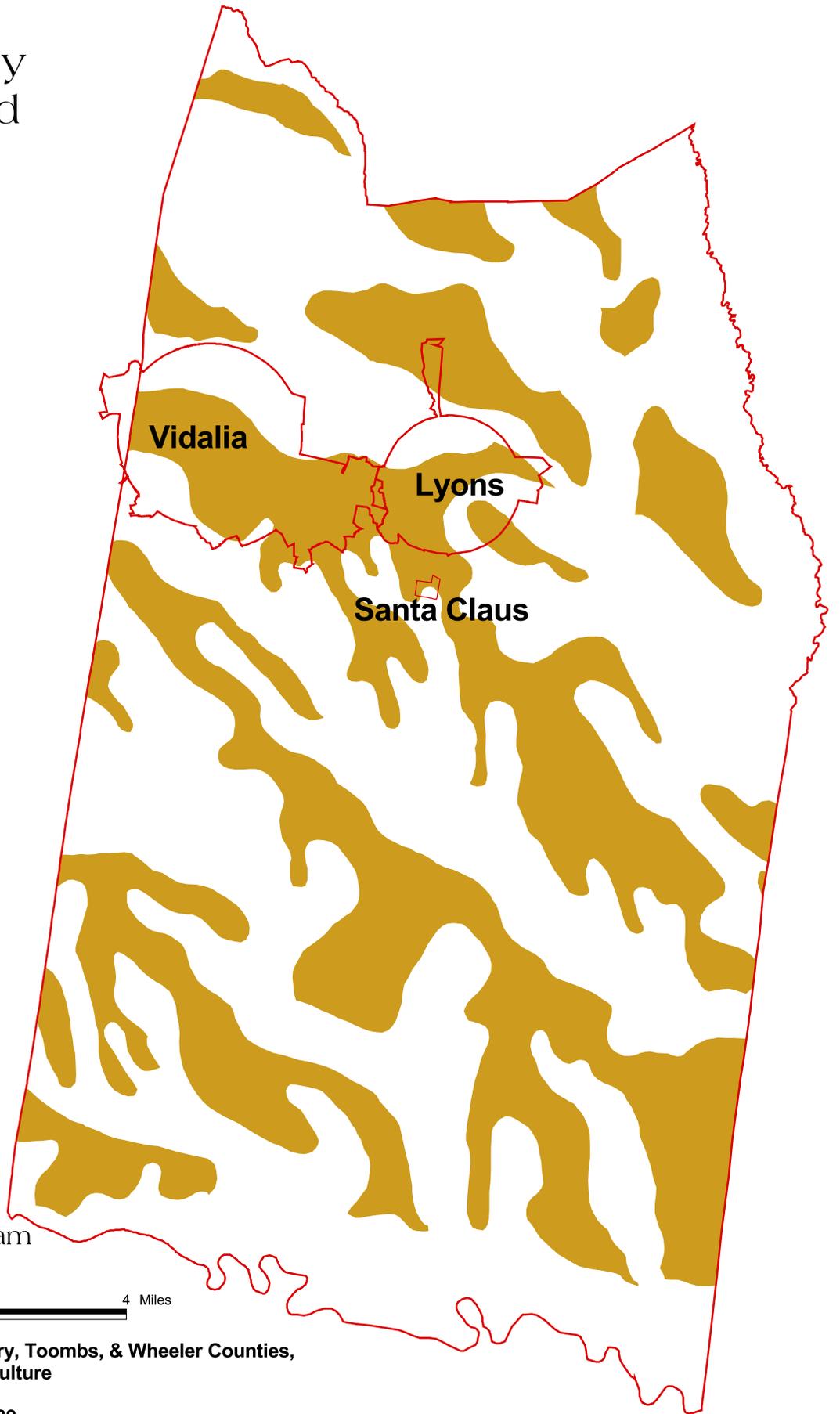
-  Osier-Bibb-Coxville (Severe Limitations)
-  Pelham-Ardilla-Ocilla



0 4 Miles

Source: Soil Survey of Montgomery, Toombs, & Wheeler Counties, Georgia, U.S. Department of Agriculture Soil Conservation Service, 1973  
Heart of Georgia Altamaha RC, 2009

MAP SWP-6  
Toombs County  
Prime Farmland

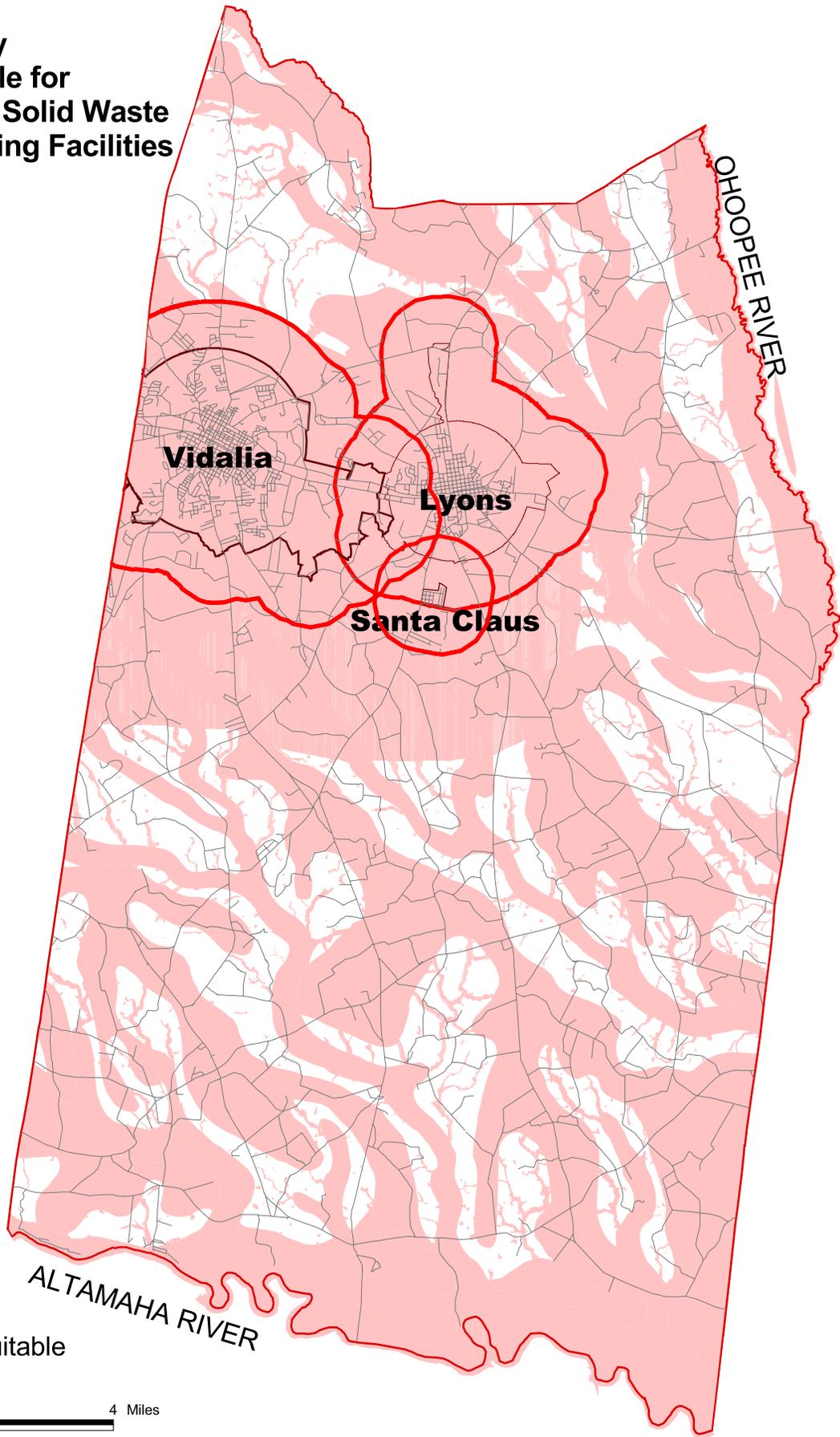


Soil Association  
Tifton-Fuquay-Pelham



Source: Soil Survey of Montgomery, Toombs, & Wheeler Counties,  
Georgia, U.S. Department of Agriculture  
Soil Conservation Service, 1973  
Heart of Georgia Altamaha RC, 2009

**Map SWP-7  
Toombs County  
Areas Unsuitable for  
the Location of Solid Waste  
Disposal Handling Facilities**



1 Mile  
Radius

Areas Unsuitable



## RESOLUTION

WHEREAS, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

WHEREAS, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

WHEREAS, Toombs County, Georgia has participated with the cities of Lyons, Santa Claus, and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

WHEREAS, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Work Program" for Toombs County in the plan;

WHEREAS, requirements for public participation in the development of this solid waste management plan as mandated by the appropriate Minimum Planning Standards and Procedures have been met, including an initial joint public hearing prior to development of the plan held on May 18, 2009 to receive input, and a final public hearing held on August 26, 2009 to brief the public on the draft plan and receive further input prior to submission of the plan for review and comment; and

WHEREAS, Toombs County has participated in the development, reviewed, and approved *The Joint Toombs County Solid Waste Management Plan 2019*, including the Toombs County Work Program, as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990.

NOW, THEREFORE BE IT RESOLVED that the Toombs County Board of Commissioners certifies that public participation and other requirements of the Minimum Planning Standards and Procedures for its solid waste management plan have been met, and that the *Joint Toombs County Solid Waste Management Plan 2019* is hereby authorized to be submitted to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review, comment, and recommendation before formal adoption of the plan by the Toombs County Board of Commissioners as mandated by Georgia law and the Georgia Department of Community Affairs.

SO RESOLVED, this 22<sup>nd</sup> day of August, 2009.

BY: James B. Webb "Buddy" ATTEST: Dail Widner

RESOLUTION

WHEREAS, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

WHEREAS, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

WHEREAS, the City of Lyons, Georgia has participated with Toombs County and the cities of Santa Claus and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

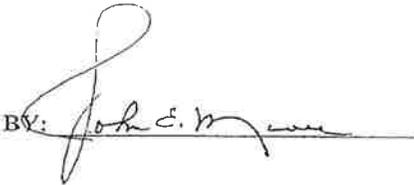
WHEREAS, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Work Program" for the City of Lyons in the plan;

WHEREAS, requirements for public participation in the development of this solid waste management plan as mandated by the appropriate Minimum Planning Standards and Procedures have been met, including an initial joint public hearing prior to development of the plan held on May 18, 2009 to receive input, and a final public hearing held on August 26, 2009 to brief the public on the draft plan and receive further input prior to submission of the plan for review and comment; and

WHEREAS, the City of Lyons has participated in the development, reviewed, and approved *The Joint Toombs County Solid Waste Management Plan 2019*, including the City of Lyons Work Program, as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990.

NOW, THEREFORE BE IT RESOLVED that the Mayor and City Council of the City of Lyons certify that public participation and other requirements of the Minimum Planning Standards and Procedures for its solid waste management plan have been met, and that the *Joint Toombs County Solid Waste Management Plan 2019* is hereby authorized to be submitted to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review, comment, and recommendation before formal adoption of the plan by the City of Lyons as mandated by Georgia law and the Georgia Department of Community Affairs.

SO RESOLVED, this 26 day of August, 2009.

BY: 

ATTEST: 

**RESOLUTION**

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, the City of Santa Claus, Georgia has participated with Toombs County and the cities of Lyons and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Work Program" for the City of Santa Claus in the plan;

**WHEREAS**, requirements for public participation in the development of this solid waste management plan as mandated by the appropriate Minimum Planning Standards and Procedures have been met, including an initial joint public hearing prior to development of the plan held on May 18, 2009 to receive input, and a final public hearing held on August 26, 2009 to brief the public on the draft plan and receive further input prior to submission of the plan for review and comment; and

**WHEREAS**, the City of Santa Claus has participated in the development, reviewed, and approved *The Joint Toombs County Solid Waste Management Plan 2019*, including the City of Santa Claus Work Program, as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990.

**NOW, THEREFORE BE IT RESOLVED** that the Mayor and City Council of the City of Santa Claus certify that public participation and other requirements of the Minimum Planning Standards and Procedures for its solid waste management plan have been met, and that the *Joint Toombs County Solid Waste Management Plan 2019* is hereby authorized to be submitted to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review, comment, and recommendation before formal adoption of the plan by the City of Santa Claus as mandated by Georgia law and the Georgia Department of Community Affairs.

**SO RESOLVED**, this 26 day of August, 2009.

BY: Bernard Harder

ATTEST: Vernon H. Meacham

**RESOLUTION**

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, the City of Vidalia, Georgia has participated with Toombs County and the cities of Lyons and Santa Claus in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Work Program" for the City of Vidalia in the plan;

**WHEREAS**, requirements for public participation in the development of this solid waste management plan as mandated by the appropriate Minimum Planning Standards and Procedures have been met, including an initial joint public hearing prior to development of the plan held on May 18, 2009 to receive input, and a final public hearing held on August 26, 2009 to brief the public on the draft plan and receive further input prior to submission of the plan for review and comment; and

**WHEREAS**, the City of Vidalia has participated in the development, reviewed, and approved *The Joint Toombs County Solid Waste Management Plan 2019*, including the City of Vidalia Work Program, as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990.

**NOW, THEREFORE BE IT RESOLVED** that the Mayor and City Council of the City of Vidalia certify that public participation and other requirements of the Minimum Planning Standards and Procedures for its solid waste management plan have been met, and that the *Joint Toombs County Solid Waste Management Plan 2019* is hereby authorized to be submitted to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review, comment, and recommendation before formal adoption of the plan by the City of Vidalia as mandated by Georgia law and the Georgia Department of Community Affairs.

SO RESOLVED, this <sup>th</sup> 26 day of August, 2009.

BY: 

ATTEST: 

**HEART OF GEORGIA ALTAMAHA  
REGIONAL COMMISSION**

5405 Oak Street, Eastman, Georgia 31023  
Ph. 478-374-4771 - Fax 478-374-0703

331 West Parker Street, Baxley, Georgia 31513  
Ph. 912-367-3648 - Fax 912-367-3640

September 3, 2009

MEMORANDUM

TO: Potentially Interested or Affected Local Governments, State and Federal Agencies, and Regional Commissions

FROM: Heart of Georgia Altamaha RC

SUBJECT: Toombs County/City of Lyons/City of Santa Claus/City of Vidalia Joint Solid Waste Management Plan Update Submittal under Georgia Comprehensive Solid Waste Management Act of 1990

Toombs County, the City of Lyons, the City of Santa Claus, and the City of Vidalia have submitted their joint full solid waste management plan update, *The Joint Toombs County Solid Waste Management Plan, 2019*, for formal review and comment under the Georgia Comprehensive Solid Waste Management Act of 1990. The formal "Notification of Local Plan Submittal and Regional Review Hearing/Comment Opportunity" form is attached as your official notice of local plan update review.

The purpose of this notification is to allow surrounding local governments, Regional Commissions, state agencies, and other potentially interested parties to present their view on the submitted document. For those persons wishing to review and comment, a complete copy of the solid waste management plan update is available at the Toombs County Commissioners Office, Lyons City Hall, Santa Claus City Hall, and Vidalia City Hall and the offices of the Heart of Georgia Altamaha Regional Commission. Copies cannot be mailed. Formal comments must be made in writing in order to be accepted.

Please submit any comments that you wish to have taken into consideration to either Bill Lindsey ([lindsey@hogarc.org](mailto:lindsey@hogarc.org)) or the Heart of Georgia Altamaha RC's general e-mail address ([HEARTOGA@bellsouth.net](mailto:HEARTOGA@bellsouth.net)) by no later than September 21, 2009.

Enclosure

**NOTICE OF LOCAL PLAN SUBMITTAL  
AND HEARING/COMMENT OPPORTUNITY**

**Submitting Local Government:** Toombs County/City of Lyons/City of Santa Claus/City of Vidalia

**Date plan Received:** August 27, 2009

**Local Contact:** County: Doug Eaves, County Administrator; Lyons, Rick Hartley, City Administrator; Santa Claus: Bernard Harden, Mayor; Vidalia: Bill Torrance, City Manager

**Phone:** County: (912) 526-3311; Lyons: (912) 526-6578; Santa Claus: (912) 526-3278; Vidalia: (912) 537-8718

**Address:** County: 100 Courthouse Square, P.O. Box 112, Lyons, GA 30436; Lyons: 257 North State Street, Lyons, GA 30436; Santa Claus: P. O. Box 469, Santa Claus, GA 30436; Vidalia: 114 Jackson Street, P.O. Box 280, Vidalia, GA 30475

**New Local Plan (Solid Waste Management Plan)**     **Plan Amendment**

**Full Plan Update**

**Short Term Work Program Update**

**Public Hearing Date and Time:** N/A

**Location:** N/A

**Description of General Nature of Plan:**

The local Solid Waste Management Plan consists of a Full Solid Waste Management Plan Update, including a Report of Accomplishments and a new ten-year Short Term Work Program, for each government involved in the joint plan titled *The Joint Toombs County Solid Waste Management Plan, 2019*. The Solid Waste Management Plan consists of an inventory and assessment of the local waste stream, local government collection and disposal programs, efforts at waste reduction, current land limitations in locating any new solid waste handling facilities, and joint countywide solid waste education programs. In addressing significant inter-jurisdictional issues, the Solid Waste Management Plan identifies continuing intra-county cooperation, especially in the areas of reducing the waste stream and solid waste disposal programs. The promotion of recycling activities and the continued promotion of the county's solid waste management program are among several identified areas for inter-county coordination and cooperation. A regional review public hearing is not required, and one will be held only if there is sufficient interest among potentially affected parties to warrant a hearing taking place. Formal comments must be made in writing in order to be accepted. To submit any comments you may wish to have taken into consideration, please notify the RC by no later than September 21, 2009 by e-mail at [HEARTOGA@bellsouth.net](mailto:HEARTOGA@bellsouth.net), or [lindsey@hogarc.org](mailto:lindsey@hogarc.org).

**Reviewing Regional Commission:** Heart of Georgia Altamaha RC

**Contact Persons:** Bill Lindsey

**Address:** 331 West Parker Street  
Baxley, Georgia 31513

**Phone:** 912-367-3648

# HEART OF GEORGIA ALTAMAHA REGIONAL COMMISSION

5405 Oak Street • Eastman, Georgia 31023  
Ph. (478) 374-4771 • Fax (478) 374-0703

331 West Parker Street • Baxley, Georgia 31513  
Ph. (912) 367-3648 • Fax (912) 367-3640

June 4, 2010



Mr. Randy Hartmann, Director  
Office of Environmental Management  
Georgia Department of Community Affairs  
60 Executive Park South, NE  
Atlanta, Georgia 30329-2231

Dear Mr. Hartmann:

Please find enclosed a revised draft copy of the Toombs County Solid Waste Management Plan Update for DCA review. I believe that all comments and clarifications from the second formal review have now been addressed satisfactorily.

Thank you for your attention to this document. Please contact me if you have any questions concerning the update.

Sincerely,

A handwritten signature in blue ink that reads "Bill Lindsey".

Bill Lindsey  
Regional Planner

Enclosure

cc: Deatre Denion, DCA Office of Environmental Management

f: 300.001.18, 400.013

## RESOLUTION

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, Toombs County, Georgia has participated with the municipalities of Lyons, Santa Claus, and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Implementation Strategy" for Toombs County in the plan;

**WHEREAS**, Toombs County has previously submitted *The Joint Toombs County Solid Waste Management Plan 2019* to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review and comment as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990; and

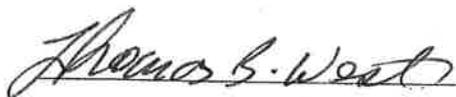
**WHEREAS**, these agencies have now certified *The Joint Toombs County Solid Waste Management Plan 2019* in compliance with the Minimum Planning Standards and Procedures for Solid Waste Management and all other requirements as established by the Georgia Department of Community Affairs under the Comprehensive Solid Waste Management Act of 1990, as amended; and

**WHEREAS**, Toombs County is now desirous of adopting *The Joint Toombs County Solid Waste Management Plan 2019* as its official solid waste management plan under the Comprehensive Solid Waste Management Act of 1990;

**NOW, THEREFORE BE IT RESOLVED** that the Toombs County Board of Commissioners hereby approves and adopts *The Joint Toombs County Solid Waste Management Plan 2019* as Toombs County's official solid waste management plan under the Georgia Comprehensive Solid Waste Management Act of 1990, as amended, and thus replacing its previous solid waste management plan adopted in 1993.

**BE IT FURTHER RESOLVED** that the Toombs County Board of Commissioners hereby instructs and directs that formal notification of said adoption be forwarded to the Heart of Georgia Altamaha Regional Commission, the Georgia Department of Community Affairs, and to other agencies, as appropriate.

SO RESOLVED, this 13 day of July, 2010.



Attest:



**RESOLUTION**

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, Lyons, Georgia has participated with Toombs County and the municipalities of Santa Claus and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Implementation Strategy" for the City of Lyons in the plan;

**WHEREAS**, the City of Lyons has previously submitted *The Joint Toombs County Solid Waste Management Plan 2019* to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review and comment as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990; and

**WHEREAS**, these agencies have now certified *The Joint Toombs County Solid Waste Management Plan 2019* in compliance with the Minimum Planning Standards and Procedures for Solid Waste Management and all other requirements as established by the Georgia Department of Community Affairs under the Comprehensive Solid Waste Management Act of 1990, as amended; and

**WHEREAS**, the City of Lyons is now desirous of adopting *The Joint Toombs County Solid Waste Management Plan 2019* as its official solid waste management plan under the Comprehensive Solid Waste Management Act of 1990;

**NOW, THEREFORE BE IT RESOLVED** that the Mayor and Council of the City of Lyons hereby approves and adopts *The Joint Toombs County Solid Waste Management Plan 2019* as the City of Lyons' official solid waste management plan under the Georgia Comprehensive Solid Waste Management Act of 1990, as amended, and thus replacing its previous solid waste management plan adopted in 1993.

**BE IT FURTHER RESOLVED** that the Mayor and Council of the City of Lyons hereby instructs and directs that formal notification of said adoption be forwarded to the Heart of Georgia Altamaha Regional Commission, the Georgia Department of Community Affairs, and to other agencies, as appropriate.

SO RESOLVED, this July 6<sup>th</sup> day of July, 2010.

John E. Moore, Sr. Attest: Ryan Burland

**RESOLUTION**

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, Santa Claus, Georgia has participated with Toombs County and the municipalities of Lyons and Vidalia in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Implementation Strategy" for the City of Santa Claus in the plan;

**WHEREAS**, the City of Santa Claus has previously submitted *The Joint Toombs County Solid Waste Management Plan 2019* to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review and comment as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990; and

**WHEREAS**, these agencies have now certified *The Joint Toombs County Solid Waste Management Plan 2019* in compliance with the Minimum Planning Standards and Procedures for Solid Waste Management and all other requirements as established by the Georgia Department of Community Affairs under the Comprehensive Solid Waste Management Act of 1990, as amended; and

**WHEREAS**, the City of Santa Claus is now desirous of adopting *The Joint Toombs County Solid Waste Management Plan 2019* as its official solid waste management plan under the Comprehensive Solid Waste Management Act of 1990:

**NOW, THEREFORE BE IT RESOLVED** that the Mayor and Council of the City of Santa Claus hereby approves and adopts *The Joint Toombs County Solid Waste Management Plan 2019* as the City of Santa Claus' official solid waste management plan under the Georgia Comprehensive Solid Waste Management Act of 1990, as amended, and thus replacing its previous solid waste management plan adopted in 1993.

**BE IT FURTHER RESOLVED** that the Mayor and Council of the City of Santa Claus hereby instructs and directs that formal notification of said adoption be forwarded to the Heart of Georgia Altamaha Regional Commission, the Georgia Department of Community Affairs, and to other agencies, as appropriate.

SO RESOLVED, this 22 day of JUNE 2010.

Earl Horton Jr.

Attest: Mayor

## RESOLUTION

**WHEREAS**, the Georgia Comprehensive Solid Waste Management Act of 1990 requires all local governments to prepare a solid waste management plan; and

**WHEREAS**, the Georgia Department of Community Affairs has established "Minimum Planning Standards and Procedures" under the Comprehensive Solid Waste Management Act of 1990, including standards and procedures for the preparation of these plans and implementation thereof, public participation, and coordinated review; and

**WHEREAS**, Vidalia, Georgia has participated with Toombs County and the municipalities of Lyons and Santa Claus in a coordinated and comprehensive planning process under the Georgia Comprehensive Solid Waste Management Act of 1990, and with the assistance of the Heart of Georgia Altamaha Regional Commission, to update its existing adopted solid waste management plan with a new full plan update;

**WHEREAS**, this coordinated and comprehensive planning process has resulted in the new joint plan, *The Joint Toombs County Solid Waste Management Plan 2019*, including a separate "Ten-Year Implementation Strategy" for the City of Vidalia in the plan;

**WHEREAS**, the City of Vidalia has previously submitted *The Joint Toombs County Solid Waste Management Plan 2019* to the Heart of Georgia Altamaha Regional Commission and the Georgia Department of Community Affairs for formal review and comment as its solid waste management plan under the Comprehensive Solid Waste Management Act of 1990; and

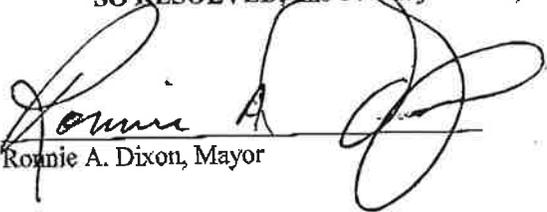
**WHEREAS**, these agencies have now certified *The Joint Toombs County Solid Waste Management Plan 2019* in compliance with the Minimum Planning Standards and Procedures for Solid Waste Management and all other requirements as established by the Georgia Department of Community Affairs under the Comprehensive Solid Waste Management Act of 1990, as amended; and

**WHEREAS**, the City of Vidalia is now desirous of adopting *The Joint Toombs County Solid Waste Management Plan 2019* as its official solid waste management plan under the Comprehensive Solid Waste Management Act of 1990;

**NOW, THEREFORE BE IT RESOLVED** that the Mayor and Council of the City of Vidalia hereby approves and adopts *The Joint Toombs County Solid Waste Management Plan 2019* as the City of Vidalia's official solid waste management plan under the Georgia Comprehensive Solid Waste Management Act of 1990, as amended, and thus replacing its previous solid waste management plan adopted in 1993.

**BE IT FURTHER RESOLVED** that the Mayor and Council of the City of Vidalia hereby instructs and directs that formal notification of said adoption be forwarded to the Heart of Georgia Altamaha Regional Commission, the Georgia Department of Community Affairs, and to other agencies, as appropriate.

**SO RESOLVED**, this 14<sup>th</sup> day of June, 2010.

  
Ronnie A. Dixon, Mayor

Attest:

  
Mary P. McIntyre, City Clerk