Final Draft

Solid Waste Management Plan

Unincorporated Glynn County, Georgia

March 2007
# SOLID WASTE MANAGEMENT PLAN
## Glynn County

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INTRODUCTION

1.1 Background

This Solid Waste Management Plan updates the original Glynn County Solid Waste Management Plan, adopted in 1993, and the Five-Year Short Term Work Program Update, adopted in 2004. It is for a planning period that covers November 1, 2007 through October 31, 2016 and covers unincorporated areas of the County including the mainland, Saint Simons Island, Sea Island and Jekyll Island. The City of Brunswick is incorporated and has its own Solid Waste Management Plan.

This Plan was written to meet Chapter 110-4-3 of the rules of the Georgia Department of Community Affairs, Minimum Planning Standards and Procedures for Solid Waste Management, as revised in 2004. It addresses the five core planning elements specified by the Minimum Planning Standards and Procedures, including:

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

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

The Glynn County Department of Planning and Zoning took the lead in developing this Solid Waste Management Plan. The County was assisted in their efforts by R.W. Beck, Inc.

EDAW, Inc. assisted the County in preparing the 2006 Glynn County Comprehensive Plan and provided data about the existing conditions in unincorporated Glynn County.
1.2 Person Responsible for the Plan

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

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Glynn County Department of Planning and Zoning  
1803 Gloucester Street  
Brunswick, Georgia 31520  
Phone: (912) 554-7438  
Fax: (912) 576-5733  
E-Mail: yphillips@glynncounty-ga.gov

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

1.3 Planning Area Defined

This Solid Waste Management Plan covers the unincorporated areas of Glynn County. Brunswick, the only incorporated city in Glynn County, submits its own Solid Waste Management Plan and thus, is not included in this Plan.

The unincorporated areas of Glynn County cover an area of 405 square miles. The location of Glynn County in the State of Georgia is shown in Figure 1-1. The location of the unincorporated area of Glynn County, which this Plan covers, is shown in Figure 1-2 as all areas outside of the City of Brunswick.
Figure 1-1: Glynn County
1.3.1 Topography/Unique Natural Features

Glynn County has geography typical of Georgia coastal counties. The coastal area is defined by large areas of wetlands and marsh, with a series of barrier islands beyond. The major inhabited islands of Glynn County are Saint Simons Island, Jekyll Island, and Sea Island; of these by far the largest is Saint Simons Island. Large areas of marshland intercut with intercoastal water way lie between the islands and the mainland.

Glynn County has three rivers, the Altamaha, the Little Satilla, and the Turtle River. Glynn County’s rivers are intimately connected with its marshlands and barrier
islands, as marshlands surround most of the river corridors and the rivers add sediment to the marshlands and barrier islands. Wetlands play a vital role as both an ecological and cultural resource for the county.

As a coastal county, Glynn County is very flat and drainage can be a problem. Also some of the major aquifers are close to the surface and can easily be polluted by septic tanks and other sources of water contamination.

Soils in the county are predominantly sandy on the coastal side of the county and predominantly clayey on the western side of the county. The clay soils in the county drain poorly and demonstrate poor suitability for septic tanks.

Overall, Glynn County’s many environmentally sensitive areas create a major constraint on development patterns. Much of Glynn County’s land is in environmentally constrained land such as wetlands, floodplains, and poorly drained soils.

1.3.2 Population

The total population of Glynn County including the incorporated area was estimated at 71,357 in 2004 according to the U.S. Census Bureau. Of that total population, approximately 16,000, or 22%, lived in the City of Brunswick. Outside of Brunswick, or unincorporated Glynn County, the major concentrations of population are on St. Simon’s Island, Sea Island, and Jekyll Island. The western areas of Glynn County are little populated and predominantly rural in character.

Glynn County’s total population is forecast to grow to approximately 105,000 by the year 2030. This forecast for population growth is based on estimates for population and employment growth in the recently developed Brunswick Area Transportation Study 2030 Transportation Plan; recent trends in population growth for the county, which have shown a growth rate of 1.3% since 2000; and the expectation that coastal areas will continue to experience strong population growth in coming years. It is also the projection being used in Glynn County’s Comprehensive Plan; therefore it will be used in this Solid Waste Management Plan, as well.

Table 1-1 shows the projected unincorporated Glynn County population for the 10-year planning period. Since most of the future growth within the county is expected in unincorporated areas, it is conservatively assumed that the population of the City of Brunswick will remain at 16,000 persons over the planning period.

<table>
<thead>
<tr>
<th>Planning Area</th>
<th>Year 2005 (Estimate)</th>
<th>Year 2007</th>
<th>Year 2010</th>
<th>Year 2016</th>
<th>Projected % Change 2007 - 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unincorporated Glynn County</td>
<td>56,427</td>
<td>58,616</td>
<td>62,025</td>
<td>69,316</td>
<td>18.3%</td>
</tr>
</tbody>
</table>

Source: EDAW, Inc., 2006
1.3.2.1 Seasonal Population Variation

Seasonal population does vary in Glynn County, especially during the high-travel weeks between Memorial Day and Labor Day. Other peak periods include spring break and the University of Georgia-University of Florida annual football game in the fall.

1.3.3 Economic Activity

Glynn County’s major economic base is in arts, entertainment, and recreation – tourism related industries. A second economic base is in public administration, which includes federal, state, and local government employment. Relatively low levels of employment are found for technology, agriculture, and manufacturing. Overall Glynn County can be said to have a diverse economic base, with many sources of employment and employment growth.

It should be noted that although manufacturing employment in Glynn County is a smaller percent of total employment than the statewide average, manufacturing employment is still 10 percent of Glynn County’s total employment and an important part of Glynn County’s economic base. Manufacturing employment is an export function in Glynn County’s economy (meaning most of the sales from this industry occur outside the county) and so stimulates economic growth for the county as a whole. Some of the major manufacturer’s in the county include Gulfstream, an aeronautics company; Hercules, which makes resin products out of pine scraps; and the Georgia Pacific Cellulose Mill.

Glynn County’s employment is forecast to grow by 45%, over 15,000 new jobs, over the next 25 years. Employment growth will be led by services of all kinds, including tourist-oriented services, professional services, and education and health services. Other industries forecast for significant employment growth include retail, construction, and transportation and warehousing.

Manufacturing employment is not forecast for employment growth, but an employment loss
Table 1-2
Glynn County Employment by Industry Forecast

<table>
<thead>
<tr>
<th>Category</th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Employed Civilian Population</td>
<td>33,693</td>
<td>36,734</td>
<td>39,772</td>
<td>42,808</td>
<td>45,842</td>
<td>48,877</td>
</tr>
<tr>
<td>Agriculture, Forestry, Fishing, Hunting &amp; Mining</td>
<td>292</td>
<td>334</td>
<td>376</td>
<td>417</td>
<td>458</td>
<td>499</td>
</tr>
<tr>
<td>Construction</td>
<td>2,443</td>
<td>2,726</td>
<td>3,012</td>
<td>3,299</td>
<td>3,589</td>
<td>3,880</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>2,707</td>
<td>2,561</td>
<td>2,416</td>
<td>2,271</td>
<td>2,126</td>
<td>1,983</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>1,965</td>
<td>1,919</td>
<td>1,873</td>
<td>1,825</td>
<td>1,778</td>
<td>1,730</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>3,753</td>
<td>4,078</td>
<td>4,403</td>
<td>4,728</td>
<td>5,051</td>
<td>5,374</td>
</tr>
<tr>
<td>Transportation, Warehousing, and Utilities</td>
<td>1,236</td>
<td>1,430</td>
<td>1,624</td>
<td>1,816</td>
<td>2,008</td>
<td>2,199</td>
</tr>
<tr>
<td>Information</td>
<td>529</td>
<td>612</td>
<td>695</td>
<td>777</td>
<td>860</td>
<td>942</td>
</tr>
<tr>
<td>Finance, Insurance, &amp; Real Estate</td>
<td>2,211</td>
<td>2,244</td>
<td>2,276</td>
<td>2,309</td>
<td>2,340</td>
<td>2,372</td>
</tr>
<tr>
<td>Professional, Scientific, Management, Administrative, and Waste Management Services</td>
<td>2,831</td>
<td>3,274</td>
<td>3,716</td>
<td>4,159</td>
<td>4,601</td>
<td>5,043</td>
</tr>
<tr>
<td>Educational, Health and Social Services</td>
<td>6,321</td>
<td>6,947</td>
<td>7,573</td>
<td>8,199</td>
<td>8,824</td>
<td>9,448</td>
</tr>
<tr>
<td>Arts, Entertainment, Recreation, Accommodation and Food Services</td>
<td>4,999</td>
<td>5,781</td>
<td>6,563</td>
<td>7,344</td>
<td>8,125</td>
<td>8,904</td>
</tr>
<tr>
<td>Other Services</td>
<td>2,006</td>
<td>2,320</td>
<td>2,634</td>
<td>2,948</td>
<td>3,261</td>
<td>3,574</td>
</tr>
<tr>
<td>Public Administration</td>
<td>2,401</td>
<td>2,507</td>
<td>2,612</td>
<td>2,718</td>
<td>2,823</td>
<td>2,927</td>
</tr>
</tbody>
</table>

From 1990-2000, Glynn County residents displayed a typical (as compared to the national average) labor force participation rate (those who are employed and those who are actively seeking employment) at 64.5% and a typical unemployment rate of about 5.6%. In recent years, however, Glynn County has shown a rapid growth in employment and a low level of unemployment. The most recent unemployment numbers from the Bureau of Labor Statistics show unemployment at 3.8% for 2004.

Table 1-3
Glynn County Employment Growth

<table>
<thead>
<tr>
<th>Category</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Force</td>
<td>33,640</td>
<td>33,538</td>
<td>34,835</td>
<td>35,544</td>
<td>36,285</td>
</tr>
<tr>
<td>Employment</td>
<td>34,847</td>
<td>34,803</td>
<td>36,208</td>
<td>36,969</td>
<td>37,737</td>
</tr>
<tr>
<td>Unemployment</td>
<td>3.5%</td>
<td>3.6%</td>
<td>3.8%</td>
<td>3.9%</td>
<td>3.8%</td>
</tr>
<tr>
<td>Increase in Employment</td>
<td>(102)</td>
<td>1,297</td>
<td>709</td>
<td>741</td>
<td></td>
</tr>
<tr>
<td>Annual Percent Growth Employment</td>
<td>(0.3%)</td>
<td>3.9%</td>
<td>2.0%</td>
<td>2.1%</td>
<td></td>
</tr>
</tbody>
</table>

Source: US Department of Labor, Bureau of Labor Statistics
1.4 Public Involvement During the Planning Process

Glynn County adhered to the Minimum Planning Standards requirement for holding two Public Hearings and advertising public notification for the Solid Waste Management Plan. The County held the initial public hearing on July 25, 2006 to obtain public input prior to the planning process. The County then held the final public hearing on April 5, 2007 to obtain public comment on the draft Plan.
Section 2

WASTE DISPOSAL STREAM ANALYSIS
Section 2

WASTE DISPOSAL STREAM ANALYSIS

This Section addresses the amount of waste disposed that was generated in Glynn County, no matter where it was disposed. Information regarding tons disposed from Glynn County is based on reports from landfills submitted to the Georgia Department of Natural Resources Environmental Protection Division (EPD). Although this is the best source of data available, it should be noted that there are some shortcomings to the data. First of all, landfills typically get these data by asking customers to identify the jurisdiction where each load was collected. Haulers may not answer this question in a way that correctly identifies the source of waste; for example, they may report that the load came from a single jurisdiction when, in fact, it may have come from multiple jurisdictions.

It is also important to note that waste that is disposed outside the state will not be counted since only Georgia landfills report to EPD. This could result in undercounting of waste disposed from a certain jurisdiction, especially if the jurisdiction is located near state borders.

2.1 Amount of Waste Disposed

Reports from landfills submitted to EPD indicate that 41,941 tons of solid waste was disposed in MSW landfills in 2005 from unincorporated Glynn County. Table 2-1 estimates the amount of this waste disposed by sector, based on a telephone survey of landfills in the state of Georgia conducted by R.W. Beck, Inc. This telephone survey indicated that, of the waste delivered to MSW landfills, 66.6% is reported as MSW (generated by the commercial or residential sector), 14.0% is industrial, 12.3% is C&D debris, and 7.1% is sludge or biosolids. To break down the portion qualified as MSW between the residential and commercial sector, results from the first season of sampling for the Georgia Department of Community Affairs (DCA) waste composition study were used. These results indicate that approximately 59% of MSW comes from residential generators and 41% of MSW comes from commercial generators on a statewide basis. This breakdown was applied to the two-thirds of the waste entering MSW landfills that is considered to be MSW, in the Table below.

---

1 R.W. Beck, Inc., Non-MSW Survey Results, conducted for the DCA, June 2002.
Table 2-1
Reported Waste Disposed by Sector (2005)
Unincorporated Glynn County

<table>
<thead>
<tr>
<th>Sector</th>
<th>Tons To MSW Landfill</th>
<th>Tons To C&amp;D Landfill</th>
<th>Total Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>16,473</td>
<td>0</td>
<td>16,473</td>
</tr>
<tr>
<td>Commercial</td>
<td>11,460</td>
<td>0</td>
<td>11,460</td>
</tr>
<tr>
<td>Industrial</td>
<td>5,872</td>
<td>0</td>
<td>5,872</td>
</tr>
<tr>
<td>C&amp;D</td>
<td>5,159</td>
<td>5,571</td>
<td>10,730</td>
</tr>
<tr>
<td>Sludge and Biosolids</td>
<td>2,978</td>
<td>0</td>
<td>2,978</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>41,941</strong></td>
<td><strong>5,571</strong></td>
<td><strong>47,512</strong></td>
</tr>
</tbody>
</table>

2005 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Glynn County
Georgia Waste Characterization Study, conducted for the DCA by R.W. Beck, Inc, 2005

EPD reports that 5,571 tons were disposed in C&D landfills from Glynn County in 2005. However, Camden County (immediately adjacent to the south) reports anecdotally that it receives over 100 tons per day, or 31,600 tons per year, of waste from Glynn County at its construction and demolition debris landfill. This tonnage does not appear in EPD reports so it is likely that all C&D disposed from Glynn County is not accounted for.

2.1.1 Unique Conditions and/or Seasonal Variations

Seasonal population does vary in Glynn County, especially during the high-travel weeks between Memorial Day and Labor Day. Other peak periods include spring break and the University of Georgia-University of Florida annual football game in the fall. According to monthly disposal figures maintained by the County, however, there appears to be no obvious trend among these peak population periods and the rest of the year.

2.1.2 Waste Generating Disasters

Glynn County, being a coastal County, is subject to the threat of potential hurricanes, in addition to other natural or human-made disasters that could result in tremendous increases in the amount of waste requiring disposal. Although impossible to predict the additional amount of solid waste requiring disposal given a hurricane or other disaster, the sections of this Solid Waste Management Plan on collection and disposal outline the approach that the County would take to deal with waste resulting from disasters.

2.2 Disposal Rate

EPD’s tonnage data indicates that 4.1 pounds per person per day were disposed in MSW landfills from unincorporated Glynn County in 2005. This is significantly lower than the statewide average in 2004 of 7.52 pounds per person per day. Although
impossible to demonstrate why the per capita disposal rate is so much lower for unincorporated Glynn County than the statewide average, there may be several explanations in addition to waste reduction. Glynn County is 26 miles from the Florida border and 70 miles from the South Carolina border. Some MSW from Glynn County may be disposed in these states. The disposal data reported to EPD are only from facilities within the State of Georgia. In addition, the per capita disposal rate for incorporated Glynn County (City of Brunswick), based on tonnage reports to EPD, is 33.8 pounds per person per day, significantly higher that the statewide average. It is possible that some of the waste that is reported as originating in the City of Brunswick may actually be coming from unincorporated Glynn County.

### Table 2-2
Disposal Rates in MSW Landfills
Unincorporated Glynn County

<table>
<thead>
<tr>
<th>Area</th>
<th>Tons Per Year</th>
<th>Population</th>
<th>Pounds Per Person Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unincorporated Glynn County</td>
<td>41,941</td>
<td>56,427</td>
<td>4.1</td>
</tr>
</tbody>
</table>

Source: 2005 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Glynn County

As Table 2-3 shows, construction and demolition debris (C&D) landfills report that 5,571 tons of waste was disposed from (presumed) all of Glynn County in 2005, resulting in 0.54 pounds per person per day. The state average is 2.4 pounds per person per day. This is unexpected, since there is significant growth in parts of Glynn County, particularly to the west. The County’s Comprehensive Plan states that residential construction has grown rapidly in recent years. There is a booming second home market, and demand for residential properties with marsh views is strong. The demographics of baby boomers seeking retirement locations or second home locations have driven much of the new residential demand.

In conversations with neighboring Camden County, it appears that over 31,000 tons per year is disposed in its construction and demolition landfill from Glynn County (although some of this may come from the City of Brunswick). If this amount was added to the amount reported by landfills to EPD, then the disposal rate would be 3.5 pounds per person per day, slightly more than the state average.

### Table 2-3
Disposal Rates of C&D from Incorporated and Unincorporated Glynn County

<table>
<thead>
<tr>
<th>Area</th>
<th>Tons Per Year</th>
<th>Population</th>
<th>Pounds Per Person Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unincorporated tonnage</td>
<td>5,571</td>
<td>56,427</td>
<td>0.54</td>
</tr>
</tbody>
</table>

Source: 2005 EPD Municipal Solid Waste Landfill Reported Tonnage Data for Glynn County
### 2.2.1 Progress Toward Per Capita Reduction of MSW

The 1993 Glynn County Solid Waste Management Plan estimated that the per capita disposal rate in MSW landfills for 2005 would have been approximately 4.35 pounds per capita per day had the 25% waste reduction goal established in that plan been achieved. If the data available are correct, Glynn County has exceeded that goal by achieving a disposal rate in MSW landfills of 4.1 pounds per person per day. For the planning period covered by this Solid Waste Management Plan, the County is not anticipating any additional waste reduction will be achieved. Thus, disposal projections assume that the per capita disposal rate will hold steady at 4.1 pounds per capita per day for the unincorporated areas of the County.

### 2.3 Waste Characterization

The 2005 Statewide Waste Characterization Study, conducted by R.W. Beck, Inc. for the Georgia Department of Community Affairs, contains a model that calculates the waste composition for a County based on demographics, recycling programs, and other factors specific to the community. Table 2-4 shows the waste composition for Glynn County and tons per year of each material estimated to be disposed. This is based on the MSW component (residential and commercial waste) entering MSW landfills only. Regional results suggest that nearly 31 percent of the residential and commercial waste disposed of in Glynn County is recyclable paper, and an additional 28 percent is organic material. Corrugated containers and food waste alone comprise an estimated 26 percent of the MSW disposed from Glynn County.

<table>
<thead>
<tr>
<th>Material</th>
<th>Average</th>
<th>Tons per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newspaper</td>
<td>4.5%</td>
<td>1,257</td>
</tr>
<tr>
<td>Corrugated Cardboard</td>
<td>15.0%</td>
<td>4,190</td>
</tr>
<tr>
<td>Office</td>
<td>3.4%</td>
<td>950</td>
</tr>
<tr>
<td>Magazine/Glossy</td>
<td>2.2%</td>
<td>615</td>
</tr>
<tr>
<td>Paperboard</td>
<td>3.5%</td>
<td>978</td>
</tr>
<tr>
<td>Mixed (Other Recyclable)</td>
<td>2.7%</td>
<td>754</td>
</tr>
<tr>
<td>Other (Non-recyclable)</td>
<td>7.7%</td>
<td>2,151</td>
</tr>
<tr>
<td><strong>Total Paper</strong></td>
<td><strong>39.0%</strong></td>
<td><strong>10,894</strong></td>
</tr>
<tr>
<td>Material</td>
<td>Average</td>
<td>Tons per Year</td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------</td>
<td>---------------</td>
</tr>
<tr>
<td>#1 PET Bottles</td>
<td>1.3%</td>
<td>363</td>
</tr>
<tr>
<td>#2 HDPE Bottles</td>
<td>0.9%</td>
<td>251</td>
</tr>
<tr>
<td>#3-#7 Bottles</td>
<td>0.2%</td>
<td>56</td>
</tr>
<tr>
<td>Expanded Polystyrene</td>
<td>1.4%</td>
<td>391</td>
</tr>
<tr>
<td>Film Plastic</td>
<td>7.9%</td>
<td>2,207</td>
</tr>
<tr>
<td>Other Rigid Plastic</td>
<td>4.2%</td>
<td>1,173</td>
</tr>
<tr>
<td><strong>Total Plastic</strong></td>
<td>15.9%</td>
<td>4,441</td>
</tr>
<tr>
<td>Clear</td>
<td>1.6%</td>
<td>447</td>
</tr>
<tr>
<td>Green</td>
<td>0.5%</td>
<td>140</td>
</tr>
<tr>
<td>Amber</td>
<td>1.3%</td>
<td>363</td>
</tr>
<tr>
<td>Other</td>
<td>0.1%</td>
<td>28</td>
</tr>
<tr>
<td><strong>Total Glass</strong></td>
<td>3.5%</td>
<td>978</td>
</tr>
<tr>
<td>Steel Cans</td>
<td>1.0%</td>
<td>279</td>
</tr>
<tr>
<td>Aluminum Cans</td>
<td>0.8%</td>
<td>223</td>
</tr>
<tr>
<td>Other Ferrous</td>
<td>1.6%</td>
<td>447</td>
</tr>
<tr>
<td>Other Non-Ferrous</td>
<td>1.0%</td>
<td>279</td>
</tr>
<tr>
<td><strong>Total Metal</strong></td>
<td>4.4%</td>
<td>1,229</td>
</tr>
<tr>
<td>Yard Waste</td>
<td>2.8%</td>
<td>782</td>
</tr>
<tr>
<td>Wood (non-C&amp;D)</td>
<td>2.2%</td>
<td>615</td>
</tr>
<tr>
<td>Food Waste</td>
<td>11.1%</td>
<td>3,101</td>
</tr>
<tr>
<td>Textiles</td>
<td>4.2%</td>
<td>1,173</td>
</tr>
<tr>
<td>Diapers</td>
<td>2.6%</td>
<td>726</td>
</tr>
<tr>
<td>Fines</td>
<td>2.2%</td>
<td>615</td>
</tr>
<tr>
<td>Other Organics</td>
<td>3.1%</td>
<td>866</td>
</tr>
<tr>
<td><strong>Total Organic</strong></td>
<td>28.2%</td>
<td>7,877</td>
</tr>
<tr>
<td>Drywall</td>
<td>0.2%</td>
<td>56</td>
</tr>
<tr>
<td>Wood</td>
<td>4.4%</td>
<td>1,229</td>
</tr>
<tr>
<td>Inerts</td>
<td>0.2%</td>
<td>56</td>
</tr>
<tr>
<td>Carpet</td>
<td>0.7%</td>
<td>196</td>
</tr>
<tr>
<td>Other C&amp;D</td>
<td>0.9%</td>
<td>251</td>
</tr>
<tr>
<td><strong>Total C&amp;D</strong></td>
<td>6.4%</td>
<td>1,788</td>
</tr>
</tbody>
</table>
Material Average Tons per Year

<table>
<thead>
<tr>
<th>Material</th>
<th>Average</th>
<th>Tons per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Televisions</td>
<td>0.0%</td>
<td>0</td>
</tr>
<tr>
<td>Computers</td>
<td>0.8%</td>
<td>223</td>
</tr>
<tr>
<td>Other Electronics</td>
<td>1.1%</td>
<td>307</td>
</tr>
<tr>
<td>Tires</td>
<td>0.0%</td>
<td>0</td>
</tr>
<tr>
<td>HHW</td>
<td>0.2%</td>
<td>56</td>
</tr>
<tr>
<td>Other Inorganics</td>
<td>0.5%</td>
<td>140</td>
</tr>
<tr>
<td>Total Inorganics</td>
<td>2.6%</td>
<td>726</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>27,933</strong></td>
</tr>
</tbody>
</table>

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

2.4 Projection of Waste to be Disposed

The County is not anticipating any further waste reduction over the ten year planning period. Accordingly, the projections in Table 2-5 are based on maintaining the current disposal rate of 4.1 pounds per capita per day. It is estimated, therefore, that a total of approximately 0.5 million tons would be disposed in MSW landfills over the ten-year planning period.

Table 2-5
Projections of Waste Disposed in MSW Landfills from Unincorporated Glynn County

<table>
<thead>
<tr>
<th>Year</th>
<th>Population, Unincorporated County</th>
<th>Total Tons at 4.1 lbs/person/day,</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>58,616</td>
<td>43,860</td>
</tr>
<tr>
<td>2008</td>
<td>59,736</td>
<td>44,698</td>
</tr>
<tr>
<td>2009</td>
<td>60,872</td>
<td>45,548</td>
</tr>
<tr>
<td>2010</td>
<td>62,025</td>
<td>46,411</td>
</tr>
<tr>
<td>2011</td>
<td>63,195</td>
<td>47,286</td>
</tr>
<tr>
<td>2012</td>
<td>64,383</td>
<td>48,175</td>
</tr>
<tr>
<td>2013</td>
<td>65,589</td>
<td>49,077</td>
</tr>
<tr>
<td>2014</td>
<td>66,813</td>
<td>49,993</td>
</tr>
<tr>
<td>2015</td>
<td>68,055</td>
<td>50,923</td>
</tr>
<tr>
<td>2016</td>
<td>69,316</td>
<td>51,866</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>477,837</strong></td>
</tr>
</tbody>
</table>
Section 3

WASTE REDUCTION ELEMENT
3.1 Inventory and Assessment of Waste Reduction Programs

3.1.1 Source Reduction Programs

Source reduction is primarily encouraged through public education programs. Glynn County contracts with Keep Brunswick/Golden Isles Beautiful (KBGIB), the local Keep Georgia Beautiful affiliate that promotes source reduction through a number of media campaigns, workshops, events, and school programs. KBGIB also conducts public education campaigns that focus on waste reduction. Solid waste education programs are described in more detail in Section 7.

3.1.2 Recycling Programs and Facilities

Curbside collection of recyclables is offered to all residents of unincorporated areas of the County (except Jekyll Island, see section 4.1) via contracted collection. The cost for the service is included in the annual fee assessed each residential address whether or not the address participates.

Materials collected are #1 (PET) and #2 (HDPE) plastics, aluminum, newspaper, mixed paper, magazines and corrugated cardboard. Recyclable materials generated at the subscribing household are collected curbside once per week, on the same day as household garbage/trash is collected from each subscribing household.

The Contractor also provides for the collection of recyclable office paper twice per month at the Harold Pate Courthouse Annex and Office Park buildings.

Recyclable materials picked up curbside are taken to one of the drop off centers (see section 4.1.3) operated by the Contractor prior to being transported to the BFI Material Recovery Facility in Jacksonville, Florida or the Republic Broadhurst disposal facility in Jesup, Georgia.

Before recycling the materials collected within Glynn County, the Contractor weighs and records the amount of recyclables collected. The Contractor then provides the County with a monthly tonnage report for each type of material recycled within ten days of the month end for which the data was collected. The Contractor maintains, for a period of five years, copies of weigh tickets which are to be made available for County inspection.
The Contractor will not collect non-recyclable materials if they are placed into the rigid home storage container(s) provided for recycling. In the event that non-recyclable materials are placed in the container, the Contractor leaves the materials in the container along with instructional material educating the customer about the recyclable materials accepted in the Glynn County recycling program and how to prepare those materials for pickup.

In 2005 the County reported 311 total tons of recyclables were collected and processed.

The Jekyll Island Authority operates a recycling center located on South Riverview Drive for its residents. The center is open daily from 7:00 a.m. to 7:00 p.m. and accepts cardboard, aluminum and tin cans, newspaper, plastic, and glass. A local civic group takes the newspaper, Glynn Iron and Steel takes the aluminum cans, and the rest is transported to Waste Management’s transfer station in Brunswick. At WMI’s facility, only the cardboard is actually recycled. JIA keeps no records of the tonnages collected.

Currently there is no formal commercial recycling program within the County; however KBGIB is attempting to start one within a year.

Table 3-1 summarizes the recycling programs serving residents of Glynn County.
### Table 3-1
Recycling Programs in Unincorporated Glynn County

<table>
<thead>
<tr>
<th>Type of Program</th>
<th>Population Served</th>
<th>Owned and Operated by</th>
<th>Materials Accepted</th>
<th>Tons Diverted (2005)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curbside Recycling</td>
<td>Households served by Contractor (2,066)</td>
<td>Owned/operated by Contractor</td>
<td>#1 and #2 plastics, aluminum, newspaper, mixed paper, magazines and corrugated cardboard</td>
<td>311</td>
</tr>
<tr>
<td>Drop-Off Recycling</td>
<td>Jekyll Island residents</td>
<td>Owned/operated by JIA</td>
<td>Aluminum, newspaper, cardboard</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
Although there are several end users available in the Coastal Georgia region, the economics of accessing these markets varies. Table 3-2 lists the businesses available in Glynn County that accept recyclable materials according to the Georgia Recycling Markets Directory. However, it is already known that at least some of Glynn County’s recyclables are processed at the BFI Material Recovery Facility in Jacksonville, Florida and likely that more end up at processors and end users located outside of the County.

Table 3-2

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal Disposal and Recycling</td>
<td>Construction and demolition debris, cardboard</td>
</tr>
<tr>
<td>Glynn Iron and Steel</td>
<td>Ferrous metals, non-ferrous metals, aluminum cans</td>
</tr>
</tbody>
</table>

Source: 2005 Georgia Recycling Markets Directory

3.1.3 Yard Trimmings Programs and Facilities

Collection of yard waste is offered to residents of unincorporated areas of the County via contracted (Southland, see section 4.1) service. The cost for this service is in addition to the annual fee assessed each residential address and is currently $28.65 per year per household.

Residents may also deliver yard wastes for $12 per yard to one of the drop-off centers described in section 4.1.3.

Collected materials are transported to Merritt and Son in Glynn County where it is processed and used for mulch or sold as boiler fuel for local industry.

In 2005 the County reported 2,632 total tons of yard waste was collected.

Collected yard waste from JIA is staged at the Jekyll Island Landfill which was formerly a permitted white goods facility that closed in 1995. There the material is chipped, turned into mulch, and used at various public locations on Jekyll Island.

These programs are summarized in Table 3-3.
### Table 3-3
Yard Trimmings Program in Glynn County

<table>
<thead>
<tr>
<th>Program</th>
<th>Owner/Operator</th>
<th>Jurisdictions Served</th>
<th>Sector Served</th>
<th>Tons per year</th>
<th>Final Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curbside Pickup</td>
<td>Owned by Glynn County and operated by Contractor</td>
<td>Unincorporated Glynn County</td>
<td>Residents</td>
<td>800</td>
<td>Merritt and Son</td>
</tr>
<tr>
<td>Residential Drop-Off</td>
<td>Owned by Glynn County and operated by Contractor</td>
<td>Unincorporated Glynn County</td>
<td>Residents and commercial landscapers</td>
<td>1,832</td>
<td>Merritt and Son</td>
</tr>
<tr>
<td>Centers (Mainland and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>St Simons)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curbside Pickup</td>
<td>Jekyll Island Authority</td>
<td>Jekyll Island</td>
<td>Residents</td>
<td>12,000 (cubic yards)</td>
<td>Used as mulch on Jekyll Island</td>
</tr>
</tbody>
</table>

### 3.1.4 Special Materials Recycling

The County and Keep Brunswick-Golden Isles Beautiful sponsor community cleanups and recycling events. Among them are the Fall Cleanup/Recycling Campaign, the Christmas Tree Recycling Campaign, and the Telephone Book Recycling Campaign (the latter two also being conducted at JIA’s recycling center). These are discussed in more detail in section 7.

Table 3-4 provides an inventory of special materials collection programs that service the unincorporated planning areas.
### Table 3-4
Management of Special Materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Targeted Sector(s)</th>
<th>Management Strategy</th>
<th>Final Disposition of Material(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Waste/White Goods</td>
<td>Residential (unincorporated County except JIA)</td>
<td>2 bulk waste and 2 white good pickups per year by County staff</td>
<td>Transported by County staff to either Glynn Iron and Steel or Drop-Off Centers for disposal by Contractor at their facility</td>
</tr>
<tr>
<td></td>
<td>Residential (JIA)</td>
<td>Scheduled pickup by JIA</td>
<td>Transported by JIA to either Glynn Iron and Steel or WMI Transfer Station</td>
</tr>
<tr>
<td>Annual Christmas Tree Recycling and Composting Program</td>
<td>Residential</td>
<td>Local Haulers and the City of Brunswick transport trees to Golden Isles Wood Products which collects the trees and creates mulch from the trees.</td>
<td></td>
</tr>
<tr>
<td>Scrap Tire Enforcement and Education Program</td>
<td>Residential and Commercial</td>
<td>KBGIB continuously promotes scrap tire education in local schools with the Clean Is Cool Show in conjunction with County Code Enforcement. KBGIB also works with the County Code Enforcements to report scrap tire piles and community education</td>
<td>Community education includes educating the public as to the right way to get rid of scrap tires and information on sites for disposal.</td>
</tr>
<tr>
<td>Kidney Car Program: removal of junk vehicles in cooperation with the National Kidney Foundation of Georgia.</td>
<td>Residential</td>
<td>KBGIB provides contact information for the removal of junk vehicles through the Kidney Car Program and distributes informational materials to the public at special events or in community presentations</td>
<td>KBGIB is not directly involved in the removal of the junk cars, the National Kidney Foundation works with the local community to setup time for removal of the vehicles.</td>
</tr>
</tbody>
</table>
# Section 3

<table>
<thead>
<tr>
<th>Material</th>
<th>Targeted Sector(s)</th>
<th>Management Strategy</th>
<th>Final Disposition of Material(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronics Recycling</td>
<td>Residential and Commercial</td>
<td>In the spring, KBGIB sponsors the Electronics Recycling Collection Event. Electronics are collected from the general public, business and industry, government, schools, colleges and the local hospital and transported to an electronics recycler in Atlanta.</td>
<td>Electronics Recycler.</td>
</tr>
<tr>
<td>Assist with residential and commercial programs for recyclables</td>
<td>Residential and Commercial</td>
<td>KBGIB promotes recycling education and special events throughout the year. We also provide materials and information related to recycling to the public and businesses upon request. Many businesses are given information as to disposal of corrugated materials, paper, and metals. Many schools are involved in Newspaper Recycling and thus businesses are given the information to take their paper products to participating schools. Many of our special events, especially Electronics Recycling and Telephone Book Recycling is open to the business community as well as the general public, and many contribute.</td>
<td>All materials collected in Recycling Events are recycled and sent to the processors or through a local hauler to the processors.</td>
</tr>
</tbody>
</table>
### 3.1.5 Contingency Strategy

In the event of a natural disaster or emergency situation that interrupted the County’s regular operations for providing waste reduction and recycling services, the County has several options. The County can negotiate with other haulers and/or recyclers in the area to accept recyclables from unincorporated County residents. Negotiations can include the County sharing the processing cost of any recyclables delivered by County residents with the existing facility, or the existing facility can charge County residents for the material they deliver to the facility. Negotiating an arrangement such as the one described would provide uninterrupted recycling services to the residents of unincorporated Glynn County, while the County would be responsible for making the financial arrangements so that the contingent facility would not incur additional costs.

The County may also chose to contact individual markets for each commodity. Table 3-2 lists the two recycling vendors that are located in Glynn County. The County can negotiate with these private companies to provide a collection and marketing option for recyclable materials on an “as needed” basis.

### 3.2 Needs and Goals

**Goal:** To maintain the current disposal rate in MSW landfills of 4.1 pounds per person per day.

To do this, the County has the following needs:

1. Develop a better way to determine how much waste is actually being disposed of from unincorporated Glynn County versus the County as a whole.

2. Expand commercial recycling programs in the unincorporated County. Corrugated cardboard, which comes primarily from the commercial sector, accounts for 15% of the waste disposed in the Coastal Georgia region.

3. Maximize participation in the county’s curbside recycling program.

4. Increase recycling services on Jekyll Island by offering more types of materials for recycling and ensuring those materials collected are actually recycled.
4.1 Inventory and Assessment of Collection Programs

Collection services are available to all residents in the unincorporated County, including Saint Simons Island and Sea Island and excluding Jekyll Island, through one contracted, private hauler. Southland Waste Systems of Georgia, Inc. holds the current contract with the County that is currently in its third of four option years. Two drop-off centers are also operated in the County by Southland.

Multi-family residences, including mobile home parks, are eligible for service by the County but not required to participate in the County’s contract.

Residents on Jekyll Island are provided with collection services via the Jekyll Island Authority who maintains a fleet of vehicles to provide for collection services for its residents. The Authority also operates a recycling center.

4.1.1 Permitted Haulers

Haulers that operate in the County include Southland, Amwaste, Coastal Disposal and Recycling Services, Full Circle Services, G&S Trash Hauling, and Glyndale Waste Services.

4.1.2 Residential Curbside Collection

Glynn County has a single contract for collection of solid waste and recyclables from all households in the unincorporated County (including Saint Simons Island and Sea Island) except Jekyll Island (see below). A copy of the sample contract is included as Appendix A. The Contractor picks up curbside, on a weekly basis, all garbage and household trash generated at each household provided the waste is placed in an approved collection container. Any materials set out for collection that are not in an approved container are left at the curb along with instructional materials educating the customer about the County’s solid waste plan and recycling program.

Participation in the County’s curbside recycling program is optional, however the cost for the service is included in the annual fee assessed each residential address whether or not the household participates. Recyclable materials collected by the Contractor are #1 (PET) and #2 (HHDPE) plastics, aluminum, newspaper, mixed paper, magazines and corrugated cardboard. Recyclable materials generated at the subscribing
household are collected curbside once per week, on the same day as household garbage/trash is collected.

The Contractor provides for the collection of garbage at the Harold Pate Courthouse Annex and Office Park buildings and at the pier/village area on St. Simons Island, the Moloks in Neptune Park, Animal Control, the Detention Center, and a range of other parks and beach access points throughout the County.

The Contractor also provides collection assistance, containers and disposal services for County and KBGIB-sponsored community cleanups and recycling events including Adopt-A-highway quarterly litter pickups, Fall Cleanup/Recycling Campaign, Christmas Tree Recycling Campaign, Spring Cleanup and the Telephone Book Recycling Campaign.

The County bills each residential address in the unincorporated area of Glynn County (excluding multi-family residences that contract for service independently and Jekyll Island) $125 annually for solid waste collection and disposal. The Contractor is paid $111.00 per 95-gallon container per unit annually.

In 2005 the County reported 18,349 tons of MSW, 185 tons of recyclables, and 800 tons of yard waste were collected curbside.

County curbside collection of white goods, brown goods, and bulky items is described in section 4.1.3.

The Jekyll Island Authority (JIA) employs their own staff for weekly collection services for its 600 residents. JIA’s system is automated and billed bi-monthly on a “Pay As You Throw” basis ($41 for one 90-gallon can; $58 for two cans). The collected wastes are transferred to Waste Management’s Chapman transfer station in Brunswick. In the first 6 months of 2006, 564 tons of garbage (including recyclables dropped off at the recycling center) were accepted at the transfer station.

Commercial and institutional facilities (including on Jekyll Island) are required to contract on their own for waste collection and disposal. Currently, there is no formal commercial recycling program within the County, although individual businesses may elect to recycle certain materials on their own.

4.1.3 Drop-Off Locations and Transfer Stations

Glynn County provides drop-off centers for residents and businesses at two locations in the County. The Mainland location, at 126 Perry Lane Road, and the St. Simons location, on Demere Road between Frederica Road and Airport Road, is open to residents from 10:00 a.m. to 3:00 p.m. Monday-Friday and 9:00 a.m. to 5:00 p.m. on Saturday. Materials accepted at the centers include MSW, yard debris, white goods, bulky items, metal and construction debris. The current cost is $12 per yard.

In 2005 (when there was no cost for utilizing the drop-off centers) the County reported 300 tons of MSW, 126 tons of recyclables, 582 tons of bulk waste and 1,832 tons of yard waste were collected at the drop-off centers. Wastes are then transported to the BFI Material Recovery Facility in Jacksonville, Florida or the Republic Broadhurst disposal facility in Jesup, Georgia.
Yard debris is transported to Merritt and Son in Glynn County where it is processed and used for mulch or sold as boiler fuel to local industry.

The Jekyll Island Authority operates a recycling center located on South Riverview Drive for its residents. The center is open daily from 7:00 a.m. to 7:00 p.m. and accepts cardboard, aluminum and tin cans, newspaper, plastic, and glass. A local civic group takes the newspaper, Glynn Iron and Steel takes the aluminum cans, and the rest is transported to Waste Management’s transfer station in Brunswick. JIA keeps no records of the tonnages collected.

Waste Management (WMI) operates a transfer station in Brunswick; WMI then hauls the waste to their Superior Landfill in Chatham County, Georgia. At the transfer station incoming wastes are either grouped as MSW or C&D and their origination point is recorded. Through the first half of 2006, WMI received a total of 8,205 tons of MSW. Sixty-five percent of that amount was received from the City of Brunswick, 25% from Southland, 6.9% from Jekyll Island, and the remainder from other areas of Glynn County.
### Table 4-1

**Inventory of Collection Programs**

<table>
<thead>
<tr>
<th>Type</th>
<th>Collector/Operator</th>
<th>Program Description</th>
<th>Jurisdictions Served</th>
<th>Sectors Served</th>
<th>Number of Households/ Businesses Served</th>
<th>Contractual Arrangements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curbside Collection</td>
<td>Southland Waste Systems</td>
<td>Once per week collection of garbage and recyclables</td>
<td>Unincorporated Glynn County*</td>
<td>Residential</td>
<td>28,534 (MSW); 2,066 (Recycling)</td>
<td>County contracts directly with hauler to provide services</td>
</tr>
<tr>
<td>Curbside Collection</td>
<td>Southland Waste Systems</td>
<td>Twice per month collection of yard trimmings</td>
<td>Unincorporated Glynn County*</td>
<td>Residential</td>
<td>605**</td>
<td>Residents contract directly with hauler to provide services</td>
</tr>
<tr>
<td>Curbside Collection</td>
<td>Glynn County</td>
<td>Two white good and two bulk item collections per year</td>
<td>Unincorporated Glynn County*</td>
<td>Residential</td>
<td>Unknown</td>
<td>Residents schedule pickups with County</td>
</tr>
<tr>
<td>Curbside Collection</td>
<td>Jekyll Island Authority</td>
<td>Once per week collection of garbage and yard waste</td>
<td>Jekyll Island</td>
<td>Residential</td>
<td>711**</td>
<td>Residents subscribe directly with JIA</td>
</tr>
<tr>
<td>Curbside Collection</td>
<td>Jekyll Island Authority</td>
<td>Bulk item collection (over 25 pounds)</td>
<td>Jekyll Island</td>
<td>Residential</td>
<td>Unknown</td>
<td>Residents contact JIA for scheduled pickups</td>
</tr>
<tr>
<td>Type</td>
<td>Collector/Operator</td>
<td>Program Description</td>
<td>Jurisdictions Served</td>
<td>Sectors Served</td>
<td>Number of Households/ Businesses Served</td>
<td>Contractual Arrangements</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>-------------------------------------</td>
<td>----------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Residential Drop-Off Centers</td>
<td>Contractor owned/operated</td>
<td>Drop-off Monday-Friday 10:00 a.m.-3:00 p.m.; Saturday 10:00 a.m.-5:00 p.m.</td>
<td>Unincorporated Glynn County*</td>
<td>Residential/ Commercial Landscapers</td>
<td>N/A</td>
<td>Fee charged on delivery</td>
</tr>
<tr>
<td>Jekyll Island Residential Drop-Off Center</td>
<td>Jekyll Island Authority</td>
<td>Recyclables drop-off daily 7:00 a.m.-7:00 p.m.</td>
<td>Jekyll Island</td>
<td>Residential</td>
<td>N/A</td>
<td>None</td>
</tr>
<tr>
<td>Commercial and Institutional Collection</td>
<td>Private hauler open competition</td>
<td>Unknown</td>
<td>County-wide</td>
<td>Commercial/Institutional</td>
<td>Unknown</td>
<td>Entities arrange for collection with hauler of choice</td>
</tr>
</tbody>
</table>

Source: Glynn County website; 2003 Glynn County/Southland Waste Systems, Inc. contract
* Excluding Jekyll Island
**Number of households served provided by the Glynn County May 2002 RFP No. 00337 for Solid Waste Collection and Recycling Services
4.1.4 Yard Trimmings and Bulk Item Collection

Collection of yard waste is offered to residents of unincorporated areas of the County as part of the MSW collection contract (see section 4.1). Set out restrictions are eight bags per pickup; pickups are bi-monthly. The cost for this service is in addition to the annual fee assessed each residential address and is currently $28.65 per year per household.

Residents may also deliver yard wastes for $12 per yard to one of the drop-off centers described in section 4.1.2. Collected materials are transported to Merritt and Son in Glynn County where it is processed and used for mulch or sold as boiler fuel to local industry.

Bulk item collection is a scheduled service, and the County provides for disposal of two white goods and two bulk items per calendar year via its own staff.

The Jekyll Island Authority collects yard wastes on the same day as it collects garbage. Last year, 12,000 cubic yards was collected. The cost is included with the cost for curbside garbage collection: $41 for one 90-gallon can; $58 for two cans. Collected yard waste is transported to the Jekyll Island Landfill which was formerly a permitted white goods facility that closed in 1995. There the material is chipped, turned into mulch, and used at various public locations on Jekyll Island. Bulk waste pick-up must be scheduled with JIA for a minimum fee of $35.

4.1.5 Illegal Dumping/Littering

The County has a litter control ordinance, Chapter 2-16-240 of the Clean Community Article, which prohibits illegal dumping and littering. The Article is included as Appendix B. Violations are referred to the Glynn County Judge of the Magistrate Court. The Court instates several levels of action to correct a violation. The first level of action involves assessment of a fine, and the second offense may bring the violator a jail term. A third offense may involve both a fine and jail time. The Court may also require a violator to pick up and remove his and anyone else’s litter within any public property or private right of way for a distance of up to one mile, publish a violator’s name, and/or prosecute a person if waste disposed illegally is discovered to contain any articles which display the person’s name.

Glynn County has 6 code enforcement officers that are a division within Community Development. Together with the County police force, illegal dumping activities within the County are monitored by these individuals.

Additional litter control programs conducted by KBGIB are discussed in section 7.

4.1.6 Contingency Strategy

If the existing contracted haulers are unable to provide collection services, Glynn County would contract with another hauler(s) to provide the service. In addition, the County has two drop-off points where residents can bring MSW.
In the event of a natural disaster, or an emergency situation that would alter the current collection and disposal system for the unincorporated area, the County is contracted with a response contractor with locations in Alabama and North Carolina that could collect and dispose of residential solid waste, yard debris and storm debris.

4.2 Needs and Goals

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

To accomplish this goal, the County has the following needs:

1. Maintain contracts and collection programs so that they continue to cover all residents in the unincorporated County.
2. Continue charging fees to cover the cost of collection and disposal.
Section 5
DISPOSAL ELEMENT

5.1 Inventory and Assessment of Facilities Located in County

5.1.1 Landfills

One private landfill currently operates in Glynn County, according to the EPD’s database. The landfill, called Eller-Whitlock Avenue, accepts C&D waste, as identified in Table 5-1. EPD’s database also lists 18 inert landfills permitted by rule in Glynn County. These inert landfills are primarily on industrial sites or sites owned by construction companies and used exclusively by the permittee on a temporary basis. The Jekyll Island Landfill is listed in EPD’s database as a closed construction and demolition facility, however EPD allows the Jekyll Island Authority to dispose of their yard waste at the site.

Table 5-1
Permitted Landfills in Glynn County, 2005

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Permit Number</th>
<th>Owner/Operator</th>
<th>Waste Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eller-Whitlock Avenue</td>
<td>063-025D(L)</td>
<td>J.D. Eller</td>
<td>C&amp;D</td>
</tr>
</tbody>
</table>

The County does not operate any disposal facilities. However, it does manage one closed County landfill site. The Cate Road landfill, owned and operated by Glynn County, was closed in 1997.

5.1.2 Transfer Stations

EPD’s database indicates that 2 transfer stations are permitted to operate in Glynn County, including both the incorporated and unincorporated areas. The transfer stations included in EPD’s database are indicated in Table 5-2.
### Table 5-2
Permitted Transfer Stations in Glynn County, 2005

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Permit Number</th>
<th>Owner/Operator</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapman Waste Disposal</td>
<td>PBR-063-017TS</td>
<td>Waste Management, Inc.</td>
<td>Brunswick</td>
</tr>
<tr>
<td>Transfer Station</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broadhurst Environmental, Inc.</td>
<td>PBR-063-018TS</td>
<td>Broadhurst Environmental, Inc. (via</td>
<td>Perry Lane Road; Demere Road</td>
</tr>
<tr>
<td>Inc. Transfer Stations</td>
<td></td>
<td>Southland)</td>
<td></td>
</tr>
</tbody>
</table>

2006 Reports, Georgia EPD, [http://www.state.ga.us/dnr/environ/](http://www.state.ga.us/dnr/environ/)

### 5.2 Inventory and Assessment of Disposal Facilities Used by County

All garbage collected through the contract with the County is required, by contract, to be delivered to a permitted solid waste disposal facility operating in compliance with applicable federal, state and local laws. The Contractor is responsible for ensuring the disposal facility is operating and continues to operate in compliance with all applicable laws and regulations. The current Contractor transports most of the MSW collected curbside and at the drop-off centers to the Republic Broadhurst (Environmental) disposal facility in Jesup, Wayne County, Georgia. The Contractor also can deliver waste to the Chapman Waste Management transfer station located in Brunswick; WMI then hauls the waste to the Superior Landfill in Chatham County, Georgia.

2005 EPD tonnage records show that MSW went to four different disposal facilities, as shown in Table 5-3. The significant majority, 94.5%, of all the waste disposed in MSW landfills that was collected in unincorporated Glynn County in 2005 was delivered to the Broadhurst landfill, according to EPD tonnage reports from landfills. Another 5.3% was delivered to the Chesser Island Road Landfill in Charlton County. Less than 1% was delivered to the Montenay waste-to-energy facility in Savannah Superior landfill in Savannah.
Table 5-3
Municipal Solid Waste Landfills Accepting Waste from Unincorporated Glynn County, 2005

<table>
<thead>
<tr>
<th>County</th>
<th>Facility Name</th>
<th>Permit Number</th>
<th>Tons Delivered</th>
<th>Year Expected to Reach Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wayne</td>
<td>Broadhurst Environmental Landfill</td>
<td>151-014D(SL)</td>
<td>39,644</td>
<td>13</td>
</tr>
<tr>
<td>Charlton</td>
<td>Chesser Island Road Landfill</td>
<td>024-006D(SL)</td>
<td>2,215</td>
<td>18</td>
</tr>
<tr>
<td>Chatham</td>
<td>Montenay Savannah Limited Partnership (Waste-to-Energy)</td>
<td>025-059P(INC)</td>
<td>75</td>
<td>N/A</td>
</tr>
<tr>
<td>Chatham</td>
<td>Superior Landfill and Recycling Center</td>
<td>025-070D(MSWL)</td>
<td>7</td>
<td>9</td>
</tr>
</tbody>
</table>

2005 Landfill Reports, Georgia EPD.

According to EPD 2005 tonnage reports, private haulers deliver waste collected in unincorporated Glynn County to one construction and demolition debris landfill located in the County, as shown in Table 5-4. Although this was the only construction and demolition landfill that reported receiving waste from Glynn County, in discussions with Camden County, they indicated that they receive over 100 tons per day from Glynn County.

Table 5-4
Construction and Demolition Landfills Accepting Waste from Unincorporated Glynn County, 2005

<table>
<thead>
<tr>
<th>County</th>
<th>Facility Name</th>
<th>Permit Number</th>
<th>Tons Delivered</th>
<th>Year Expected to Reach Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glynn</td>
<td>Eller-Whitlock Avenue</td>
<td>063-025D(L)</td>
<td>5,571</td>
<td>7</td>
</tr>
</tbody>
</table>

2005 Landfill Reports, Georgia EPD.

### 5.2.1 Assurance of 10-Year Capacity

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

Although the County has no ability to dictate where MSW from the unincorporated County is delivered, it has obtained a capacity assurance letter from the disposal facility that accepts the majority of the waste from the County, the Broadhurst landfill in Wayne County. The owners and operators of this facility have assured the County that this landfill has enough disposal capacity to accept waste from unincorporated
Glynn County for the ten year planning period. EPD reports that the capacity at Broadhurst is expected to last until 2019 at current disposal rates. The capacity assurance letter provided by Broadhurst is included as Appendix C.

Although there appears to be sufficient space in MSW landfills in the region to handle Glynn County’s waste for the next ten years, C&D landfill capacity in the landfill that currently is the only landfill reporting that it accepts Glynn County C&D is much more limited. An estimated seven years of capacity is remaining in the C&D landfill currently accepting construction and demolition waste from unincorporated Glynn County, according to EPD reports. However the Camden County C&D landfill has 100 years of capacity and is available to receive C&D from unincorporated Glynn County.

5.2.2 Contingency Strategy

There is sufficient disposal capacity in the region to accept Glynn County’s MSW if the Broadhurst landfill becomes unavailable. The Chesser Island landfill reports 18 years of remaining capacity while the Montenay waste-to-energy facility has unlimited capacity (although at this time, it reportedly does not accept MSW from outside of Savannah). In addition, the Camden County landfill reports 18 years of remaining capacity. In the event that one or more of these landfills become unavailable, the contracted hauler(s) and other private haulers would be responsible for finding alternative disposal locations. If needed, the County could utilize the closed Cate Road facility as a staging area for the unincorporated areas for excessive debris that would likely result from a disaster.

Regarding other options for construction and demolition debris, Camden County owns and operates a landfill that reports 100 years of remaining capacity.

5.3 Statement of Needs and Goals

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

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

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

1. Continue to monitor capacity of landfills in the region to ensure that there remains sufficient capacity to handle Glynn County’s MSW and C&D.

2. Ensure that all solid waste handling facilities in the County are operated in a manner that protects public health and the environment and is consistent with solid waste management plan.
This Section outlines the land limitations, policies and procedures that Glynn County will consider when evaluating a proposed solid waste management facility or the expansion of an existing solid waste management facility.

6.1 Natural Environmental Limitations

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

- **Floodplains** - DNR Rule 391-3-4-.05(1)(d) stipulates that any solid waste landfill located in the 100-year floodplain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the flood plain, or result in a washout of solid waste so as to pose a threat to human health of the environment.

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

- **Water Supply Watersheds** - DNR Rule 391-3-16-.10(7)c1 requires that at any location within a small water supply watershed, new solid waste landfills must have synthetic liners and leachate collection systems.

- **Groundwater Recharge Areas** - The official code of Georgia (O.C.G.A.) Section 12-8-25.2 states that no permit shall be issued for a municipal solid waste landfill if any part of the site is within two miles of an area that has been designated by the EPD Director as a significant groundwater recharge area unless such municipal solid waste landfill has a liner and leachate collection system and meets any other requirements as may be established by rules and regulations of the board or pursuant to other geological considerations as may be determined appropriate by the EPD Director.
Landfill Siting Restrictions

Based on best available data as of October 2004

Figure 6-1: Landfill Siting Restrictions in Glynn County
LAND LIMITATION ELEMENT

- River Corridors - DNR Rules prohibit the development of new solid waste landfills within protected river corridors.

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

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

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

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

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

6.2 Land Use and Zoning Limitations

6.2.1 Zoning Restrictions

DNR Rule 391-3-4-.05(1)(a) requires that solid waste facility sites must conform to all local zoning/land use ordinances. Glynn County has zoning ordinances that specify approved uses for various districts within their jurisdiction.

Glynn County has two zoning ordinances (Section 719 and 720 of the Glynn County Code of Ordinances) that allows for uses potentially related to solid waste management in a Basic or General Industrial District, respectively, if certain provisions and conditions are met.
6.2.2 Other Land Use Restrictions

State and federal restrictions for siting solid waste facilities based on land uses include:

- National Historic Sites - MSW landfills are not permitted within 5,708 yards of a National Historic Site (O.C.G.A. Section 12-8-25.1). There are only three designated National Historic Sites in the State that are included in this restriction and none are in Glynn County.

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

- Surface Water Intake - According to the Georgia DNR Rule 391-3-16-.01, unless there are no other feasible locations, solid waste landfills should not be located within two miles of a surface water intake for a public water source.

- Airport Safety - DNR Rule 391-3-4-.05(1)(c) requires that new solid waste landfill units or lateral expansions of existing units shall not be within 5,000 feet of any runway planned or used for piston-type aircraft or within 10,000 feet of any runway planned or used for turbo-jet or piston-type aircraft. Figure 6-1, provided by the Georgia Department of Community Affairs, indicates the land in Glynn County impacted by siting restrictions for MSW and C&D landfills, including this requirement for airport safety.

- Co-Located Landfills - Section 12-8-25.4 of the O.C.G.A. states that no solid waste handling facility, excluding materials recovery facilities and composting facilities, can be sited on a site that falls within a two-mile radius of three or more solid waste landfills (including closed landfills that received waste on or after June 29, 1989). Figure 6-1 indicates the areas in the County impacted by this requirement.

- Political Subdivisions - O.C.G.A. Section 12-8-25 prohibits the siting of an MSW landfill within one-half mile of another County’s borders without the approval of the jurisdiction’s governing authority. Glynn County borders three other counties.

- Private Recreational Camps - O.C.G.A Section 12-8-25.5 states that no permit shall be issued for any new municipal solid waste disposal facility if any part of
the premises proposed for permitting is within one mile of any private recreational

camp operated primarily for use by persons under 18 years of age and which
camp has been so operated at its location for 25 years or more.

6.3 Local Procedures for Siting Solid Waste Facilities

Glynn County has no plans to build or operate any solid waste handling facility within
the 10-year planning period.

In addition, no proposed solid waste handling facility or facility expansion will be
sited in unincorporated Glynn County without a letter from the County Commission
stating that the proposed facility is consistent with the Solid Waste Management Plan.
The procedure for determining whether a proposed facility or facility expansion is
consistent with the Solid Waste Management Plan is as follows:

1. At least 60 days prior to filing for a solid waste handling permit, or notifying EPD
   in the case of a solid waste handling facility that is permitted by rule, the applicant
   will submit to the governing body a written statement documenting the following:

   ■ How the proposed facility or facility expansion will meet the specific goals
     and/or needs identified in the Solid Waste Management Plan, including a
     description of:
     - The impact upon the collection capability within the County;
     - The impact upon disposal capacity identified in the County; and
     - The impact to the waste reduction and recycling efforts within the
       County, specifically how the proposed facility or facility expansion will
       further progress towards waste reduction.

   ■ How the proposed facility or facility expansion and its operation will impact
     the community. Specifically what will be:
     - The impact to vehicle traffic and public safety around the proposed
       facility and throughout the County;
     - The impact on natural or cultural resources within the County;
     - The impact to individual and business solid waste management rates; and
     - The impact on the current solid waste management infrastructure within
       the County, both public and private.

   ■ The impact to the financial viability of the existing solid waste management
     system within the County.

   ■ Evidence that the proposed facility or facility expansion is sited in an area
     deemed suitable according to the criteria listed in the Plan.

   ■ Evidence that the proposed facility expansion is sited in a location that is
     consistent with local zoning ordinances.

   ■ Evidence that the proper public notification was given, including notification
     of all adjacent property owners.
2. Within 30 days after this document is received, the County Commission will hold at least one public hearing on the proposed facility or facility expansion to gather input regarding the consistency of the facility with the Solid Waste Management Plan. This public hearing will be advertised according to local requirements regarding public notification of public hearings.

3. The governing body shall review the written documentation for consistency and consider public comment and determine whether the proposed facility or facility expansion is consistent with the Solid Waste Management Plan. Within 30 days of making their determination the governing body shall notify the facility owner/operator whether or not the proposed facility or facility expansion is consistent with the Plan. If the proposed facility is not consistent with the Plan, the developer may address the inconsistencies and resubmit their request for another review.

6.4 Needs and Goals

**Goal:** To ensure that proposed solid waste handling facilities and expansions are developed to meet the needs of the County and the immediate region, are consistent with this Solid Waste Management Plan and with local government zoning ordinances, are compatible with surrounding land uses, and meet federal, State and local environmental requirements.

1. Keep all information about natural environmental limitations, zoning, and land use updated and available.

2. Inform and educate potential developers about the procedures to determine consistency of proposed facilities with this Solid Waste Management Plan.

3. Enforce the requirement that no solid waste handling facility be sited without a letter from the governing authority documenting its consistency with the Solid Waste Management Plan using the procedures described herein.
Section 7

EDUCATION AND PUBLIC INVOLVEMENT ELEMENT
7.1 Inventory and Assessment of Public Education and Involvement

Glynn County dedicates significant funding and staff resources to public education and involvement on solid waste issues. The County maintains information on recycling and bulky waste collection and services provided by the contracted solid waste hauler. The County contracts with the local Keep Georgia Beautiful affiliate, Keep Brunswick/Golden Isles Beautiful (KBGIB), to implement education and public involvement programs that extend to residents, businesses and schools.

7.1.1 Keep Brunswick/Golden Isles Beautiful

KBGIB is composed of a paid Executive Director, approximately 20 volunteers who serve on its Board of Directors and 55 volunteers who serve on the KBGIB Advisory Board. Total membership is approximately 250, and in fiscal year 2005-2006 KBGIB had over 39,000 volunteers assist with its different programs. The organization focuses on litter reduction and beautification efforts throughout the county. This organization has been affiliated with Keep America Beautiful since 1980. Volunteers assist in coordinating public education efforts and developing litter control programs.

The KBGIB Executive Director and Board Members serve as a source for information concerning solid waste management. The Executive Director and Board Members regularly speak to civic, church, and educational groups on various aspects of solid waste management. Educational videos, books, pamphlets and professional journals are available and are distributed to the public upon request or can be loaned upon request. Additionally, how-to brochures, fact sheets, and general information are available on a variety of subtopics within the field. Examples of some of this literature are included in Appendix D.

KBGIB staff can assist commercial or industrial concerns with how to assess the waste stream from each and suggest recycling and waste reduction strategies.

KBGIB sponsors a Clean Sweep Award Program in conjunction with the Brunswick-Golden Isles Chamber of Commerce and The Brunswick News that recognizes businesses and non-profits who go the extra mile to keep the outside of their premises clean and attractive.
KBGIB Staff and Board members have developed a series of brochures and fact sheets which describe composting programs in Glynn County. The brochures are distributed during presentations and as part of informational displays.

7.1.2 School System Programs

Presentations are made to school groups of all ages at the request of a teacher or parent. Educational materials are provided on various reduction, reuse, and recycling activities which are grade level appropriate.

7.1.3 Litter Control Programs

The County has a litter control ordinance, Chapter 2-16-240 of the Clean Community Article, which prohibits illegal dumping and littering. Violations are referred to the Glynn County Judge of the Magistrate Court. The Court instates several levels of action to correct a violation. The first level of action involves assessment of a fine, and the second offense may bring the violator a jail term. A third offense may involve both a fine and jail time. The Court may also require a violator to pick up and remove his and anyone else’s litter within any public property or private right of way for a distance of up to one mile, publish a violator’s name, and/or prosecute a person if waste disposed illegally is discovered to contain any articles which display the person’s name.

Glynn County has 6 code enforcement officers that are a division within Community Development. Together with the County police force, illegal dumping activities within the County are monitored by these individuals.

Keep Brunswick-Golden Isles Beautiful promotes litter reduction through the use of post cards which citizens can use to anonymously report litterers they observe on the streets and roads. The observer simply notes the time, place and license plate number of the litterer and mails the post card to KBGIB. The offender receives a letter form the Glynn County Police Department encouraging them not to litter.

KBGIB also serves as the sponsor for the local Adopt-A-Highway program. Under this program, volunteer groups assume responsibility for a mile of roadway and pledge to clean it weekly or quarterly. Currently, approximately 105 groups are participating in this program which results in the collection of approximately 14,000 pound of litter quarterly pounds of litter quarterly. The program has been expanded to include parks, beaches, and neighborhoods.

7.1.4 Special Promotions

Special promotions are held throughout the year to target certain materials for recycling and to keep the need for good solid waste management practices before the public. The specialized materials targeted included Christmas trees, electronics and telephone books.

The Christmas Tree Recycling Program is sponsored locally by KBGIB. Citizens are encouraged to take their Christmas trees to one of several drop-off points. Georgia
Power chips trees at two sites and the County chips trees at another. The other collection sites collect whole trees. The trees are then taken to a local wood products company where the whole trees are mulched and the chipped trees are also composted.

In the spring, KBGIB sponsors the Electronics Recycling Collection Event. Electronics are collected from the general public, business and industry, government, schools, colleges and the local hospital and are transported to an electronics recycler in Atlanta.

In early July, the distribution period for telephone books, KBGIB sponsors a recycling program in conjunction with the annual BellSouth telephone book deliveries. There are over 12 community drop-off sites for collection of the old phone books.

KBGIB has an excellent relationship with members of the print and electronic media. Local radio stations regularly publicize meetings, and educational and litter reduction opportunities regarding solid waste activities. Writers from both print and electronic media regularly cover issues related to solid waste management and promote KBGIB events and programs.

Lastly, paid advertisements are used to promote recycling and composting activities and to alert citizens to public hearings and other meetings where decisions will be made regarding solid waste issues.

Table 7-1 describes the public education and involvement activities in the unincorporated Glynn County Planning Areas.
## Table 7-1
### Existing Environmental Education Initiatives

<table>
<thead>
<tr>
<th>Program/Activity</th>
<th>Jurisdictions Covered</th>
<th>Operated by</th>
<th>Target Audience</th>
<th>Description of Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Awareness Program</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>General public</td>
<td>Identifies waste disposal options and methods of reduction, reuse and recycling</td>
</tr>
<tr>
<td>Adopt-A Programs</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Residents, Business, Civic and School Groups</td>
<td>Keeps highways, roads, beaches and parks clean</td>
</tr>
<tr>
<td>Citizen Litter Patrol Program</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Resident volunteers</td>
<td>Monitors littering and illegal disposal</td>
</tr>
<tr>
<td>Litter Index Study</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>General Public, Business, and School</td>
<td>Monitors litter reduction by administering study yearly in the fall</td>
</tr>
<tr>
<td>Major Corridor Enhancement Projects</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Residents, Business, Civic and School Groups</td>
<td>Fosters a sense of community pride and positive ownership</td>
</tr>
<tr>
<td>Waste in the Workplace Programs / Waste Reduction Training</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Businesses</td>
<td>Encourages waste reduction, recycling, and buying recycled</td>
</tr>
<tr>
<td>Newspaper Recycling</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Businesses, School Students, and Teachers</td>
<td>Encourages waste reduction</td>
</tr>
<tr>
<td>Commercial Recycling</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>Businesses</td>
<td>Encourages waste reduction</td>
</tr>
<tr>
<td>“Clean Sweep” Awards Program</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td></td>
<td>Coordinates quarterly with Chamber of Commerce</td>
</tr>
<tr>
<td>School Trainings (including telephone book recycling, recycled art contests, Arbor Day activities, beautification and composting activities)</td>
<td>Glynn County</td>
<td>K BGIB</td>
<td>School Students and Teachers</td>
<td>Encourages waste reduction, recycling, beautification, and litter prevention</td>
</tr>
<tr>
<td>Program/Activity</td>
<td>Jurisdictions Covered</td>
<td>Operated by</td>
<td>Target Audience</td>
<td>Description of Impact</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------</td>
<td>-------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Great American Clean-Up</td>
<td>Glynn County</td>
<td>KBGIB</td>
<td>Residents, businesses, civic groups, schools</td>
<td>Encourages litter prevention and beautification</td>
</tr>
<tr>
<td>Fall Cleanup</td>
<td>Glynn County</td>
<td>KBGIB</td>
<td>Residents, businesses, civic groups, schools</td>
<td>Encourages litter prevention and beautification</td>
</tr>
</tbody>
</table>
7.2 Needs and Goals

**Goal:** Ensure that all residents of the County have access to information about waste reduction and solid waste management in Glynn County.

1. Continue to operate existing public education and involvement programs related to solid waste.
2. Educate new residents and businesses about existing programs.
3. Continue to support KGBIB as the lead agency on public education and involvement related to solid waste.
4. Ensure that public education and information focuses on all aspects of solid waste management, including costs.
Section 8
IMPLEMENTATION STRATEGY

8.1 Summary of Goals and Needs

This Section provides an implementation strategy to meet the goals and needs identified in Sections 3 through 7 of this Plan. The goals and needs, upon which this implementation strategy is based, are taken from the previous sections of this Plan and are summarized in Table 8-1.

Table 8-1
Solid Waste Management Goals and Needs
Unincorporated Glynn County

<table>
<thead>
<tr>
<th>WASTE REDUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> To maintain the current disposal rate in MSW landfills of 4.1 pounds per person per day.</td>
</tr>
<tr>
<td><strong>Needs</strong></td>
</tr>
<tr>
<td>▪ Develop a better way to determine how much waste is actually being disposed of from unincorporated Glynn County versus the County as a whole.</td>
</tr>
<tr>
<td>▪ Expand commercial recycling programs in the unincorporated County. Corrugated cardboard, which comes primarily from the commercial sector, accounts for 15% of the waste disposed in the Coastal Georgia region.</td>
</tr>
<tr>
<td>▪ Maximize participation in the county's curbside recycling program.</td>
</tr>
<tr>
<td>▪ Increase recycling services on Jekyll Island by offering more types of materials for recycling and ensuring those materials collected are actually recycled.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COLLECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> To provide consistent and universal access to collection services for solid waste and recyclables to all citizens in unincorporated Glynn County.</td>
</tr>
<tr>
<td><strong>Needs</strong></td>
</tr>
<tr>
<td>▪ Maintain contracts and collection programs so that they continue to cover all residents in the unincorporated County.</td>
</tr>
<tr>
<td>▪ Continue charging fees to cover the cost of collection and disposal.</td>
</tr>
</tbody>
</table>
DISPOSAL

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

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

Needs

- Continue to monitor capacity of landfills in the region to ensure that there remains sufficient capacity to handle Glynn County’s MSW and C&D.
- Ensure that all solid waste handling facilities in the County are operated in a manner that protects public health and the environment and is consistent with solid waste management plan.

LAND LIMITATION

Goal: To ensure that proposed solid waste handling facilities and expansions are developed to meet the needs of the County and the immediate region, are consistent with this Solid Waste Management Plan and with local government zoning ordinances, are compatible with surrounding land uses, and meet federal, State and local environmental requirements.

Needs

- Keep all information about natural environmental limitations, zoning, and land use updated and available.
- Inform and educate potential developers about the procedures to determine consistency of proposed facilities with this Solid Waste Management Plan.
- Enforce the requirement that no solid waste handling facility be sited without a letter from the governing authority documenting its consistency with the Solid Waste Management Plan using the procedures described herein.

EDUCATION AND PUBLIC INVOLVEMENT

Goal: Ensure that all residents of the County have access to information about waste reduction and solid waste management in Glynn County.

Needs

- Continue to operate existing public education and involvement programs related to solid waste.
- Educate new residents and businesses about existing programs.
- Continue to support KBGIB as the lead agency on public education and involvement related to solid waste.
- Ensure that public education and information focuses on all aspects of solid waste management, including costs.
8.2 Activities in Implementation Strategy

The implementation strategy, included as Table 8-2 identifies the activities that unincorporated Glynn County will undertake to meet the goals and needs identified over the next ten years, from 2007 through 2016. Activities in the first five years constitute the Short Term Work Program. Some of the activities entail continuing existing programs while other involve changes in policy or implementation of new programs. Table 8-2 includes a summary of each of the proposed activities and programs listed by planning element (i.e. waste reduction, collection, disposal, land limitation and education and public involvement). The Table indicates the year that the activity will be implemented, the responsible party, the projected annual cost, and the potential source of funds to implement the activity.
# Section 8

## Table 8-2
Implementation Strategy FY 2007-2016

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Require accurate contractor reporting of waste tonnages being picked up from unincorporated Glynn County residents.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Annual Christmas Tree Recycling and Composting Program.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>$500 via KBGIB Contract (^1)</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>Scrap Tire Enforcement and Education Program.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB and County</td>
<td>$30,000 (varies by year)</td>
<td>Grant, Enterprise Funds</td>
</tr>
<tr>
<td>Establish a commercial recycling program.</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>KBGIB</td>
<td>$53,000 via KBGIB Contract</td>
<td>Enterprise Fund</td>
</tr>
</tbody>
</table>

\(^1\) Keep Brunswick-Golden Isles Beautiful annual contract for FY 2006 is $52,695, and is renewable every three years. KBGIB, Inc. has been in continuous operation since 1997.
## IMPLEMENTATION STRATEGY

<table>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue contracting with qualified vendor for curbside collection of recyclables and yard waste.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County, Vendor(s)</td>
<td>Varies</td>
<td>Ad Valorem taxes, User Fees &amp; Special Assessment Fee</td>
</tr>
<tr>
<td>Continue contracting with qualified vendor for operation and maintenance of drop-off facilities at locations around the County for recyclables and yard trash, as feasible.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County, Vendor(s)</td>
<td>Vendor operated</td>
<td>User Fees</td>
</tr>
<tr>
<td>Evaluate recycling options on Jekyll Island to ensure materials collected are actually recycled.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Jekyll Island Authority</td>
<td>$5,000</td>
<td>General Fund</td>
</tr>
<tr>
<td>Continue curbside collection of solid waste under contract with qualified vendor. Customers pay county for services. Contract contains options for customers to have recyclables and yard trash collected in addition to basic services.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County, Vendor(s)</td>
<td>Varies by customer count</td>
<td>Enterprise Fund &amp; User Fees</td>
</tr>
</tbody>
</table>
Section 8

<table>
<thead>
<tr>
<th>Disposal Element</th>
<th>Responsible Party</th>
<th>Estimated Annual Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>The County will ensure, via contract, that sufficient guaranteed landfill capacity will be available for use by the private collector prior to the award of any contracts.</td>
<td>County, Vendor(s)</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>County will continue to implement post-closure plan for Cate Road Landfill.</td>
<td>County</td>
<td>$30,000 annually</td>
<td>Enterprise Fund</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Land Limitation Element</th>
<th>Responsible Party</th>
<th>Estimated Annual Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>The County will utilize and maintain maps for use in determining land limitations for public or private solid waste handling facilities siting, in the event that determination of site suitability becomes necessary.</td>
<td>County Planning</td>
<td>Varies</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>Monitor local, state and federal regulations to ensure site suitability for future solid waste management facilities.</td>
<td>County Planning</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
## Education and Public Involvement Element

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Educate potential developers about the County’s siting requirements and the</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County Planning</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>process to demonstrate consistency with the Solid Waste Management Plan.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Review all proposed solid waste facilities for consistency following</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County Planning</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>procedures in Section 6.3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enforce policy that no facilities will be sited in County without</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County Planning</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>determination of consistency with this Plan.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Coordinate local “Adopt A” programs, including state and local highways,</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>beaches, spots, parks and streets.</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cleanup Campaigns: Conduct 2 major cleanup campaigns annually (Great</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>American Cleanup and Fall Cleanup).</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Conduct training sessions for businesses on waste reduction and recycling</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>in the workplace.</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Encourage recycling programs for businesses.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
</tr>
</tbody>
</table>
### Section 8

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</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Public Awareness Program: Various educational campaigns aimed at providing the citizenry with up-to-date information and data related to their disposal option and methods of residential reduction, reuse and recycling.</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>Responsible Party</th>
<th>Estimated Annual Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB, County, Vendor(s)</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Provide K-12 students instruction on recycling and litter reduction through presentations, teacher training, and curriculum materials.</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>Responsible Party</th>
<th>Estimated Annual Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Provide education opportunities for all grade levels that include Telephone Book recycling, recycled art contests, Arbor Day Celebrations, composting activities, Keep America Beautiful Week activities and “Adopt A” programs. Many of these educational opportunities will be structured to encourage the participation of the entire household that the student lives in.</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>Responsible Party</th>
<th>Estimated Annual Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>KBGIB</td>
<td>KBGIB Contract</td>
<td>Enterprise Fund</td>
<td></td>
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<td>----------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Continue to quantify solid waste management costs through full cost accounting.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County</td>
<td>$1,000</td>
<td>Enterprise Fund</td>
</tr>
<tr>
<td>Monitor solid waste management plans to maintain understanding of changing needs.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>County</td>
<td>$1,000</td>
<td>Enterprise Fund</td>
</tr>
</tbody>
</table>
8.3 Source of Funds

Nearly all of the operating costs for unincorporated Glynn County’s solid waste system are funded through user fees. The County maintains an Enterprise Fund where fees go directly into a fund out of which solid waste costs are paid.

8.4 Plan Updates and Amendments

The implementation strategy will be reviewed on an annual basis as the County prepares its Annual Solid Waste Management Survey and Full Cost Report to submit to the Georgia Department of Community Affairs. The County will take this opportunity to determine if the goals or needs of the County have changed in a way that would require changes to the implementation strategy.

In addition, the County will need to amend and readopt this Solid Waste Management Plan as required by new dates established by DCA for Comprehensive Plans, currently October 31, 2012 for Glynn County.
CONTRACT FOR SERVICES
BY AND BETWEEN
GLYNN COUNTY BOARD OF COMMISSIONERS
AND
REPUBLIC SERVICES OF GEORGIA, LP
d/b/a
SOUTHLAND WASTE SYSTEMS OF GEORGIA

This Agreement made and entered into by and between Glynn County, Georgia, party of the first
part (hereinafter called the "County"), and Republic Services of Georgia, LP d/b/a/
Southland Waste Systems of Georgia of 126 Perry Lane Road, Brunswick, Ga.
31525 party of the second part (hereinafter called the "Contractor"); and

WHEREAS, The County at its October 5, 2006 meeting awarded the agreement for
Solid Waste Collection and Recycling Services, hereinafter referred to as the Project
(RFP # 00574) and;

WHEREAS, the Contractor and the County for the consideration hereinafter named,
agree and acknowledge that:

Part A: Contract Form

ARTICLE 1. The Contractor will furnish all staff, facilities, and equipment of every
description necessary to carry out, in good faith, the requirements of all services
specified as:

Task 0001, Task 0002, Task 0003, Task 0004, Task 0005, Task 0006 and Alternate C in
the Solid Waste Collection and Recycling Services, in strict conformity with all
sections of the Request For Proposal #00574, hereinafter set forth, whose program
services together with the Contractor’s Proposal, lasted signed on September 4, 2006
for accomplishing these Tasks, the Advertisement for Proposals, Instructions to
Proposers, General Conditions, Representations, this Agreement, and all addenda
hereto annexed, shall form essential parts of this Agreement as if fully contained herein.

ARTICLE 2. The Contractor shall commence the services to be performed under this
Agreement on a date to be specified in a written Notice to Proceed.

ARTICLE 3. The County agrees to pay the Contractor, in current funds, for the faithful
performance of those services completed at the end of each monthly period based upon
the portion of fees delineated in the Contractor’s proposed Fee Schedules. This sum
shall also pay for all loss or damage arising out of the nature of the services aforesaid, or
from unforeseen obstructions or difficulties encountered in the prosecution of the project
and for all expenses incurred by, or in consequence of the project, its suspension or
discontinuance, and for well and faithfully completing the project and the whole thereof,
as herein provided.

Project: MSW (ktr)
ARTICLE 4. The Contractor and County agree that the documents delineated in Article 1 above, and all Addenda thereto together with this Agreement, form the Contract and that such documents are as fully a part of the Contract as if attached or herein repeated.

The Contractor, recognizing the particular requirements of the County budgetary process, agrees to waive the terms of O.C.G.A. Section 13-11-1 et seq., known as the "Georgia Prompt Pay Act". Contractor agrees that the work and services required by this contract may require inspection and approval of the County's Contract Technical Representative, and that the time for payment shall be tolled for a reasonable time as required for said inspection and approval.

Contractor further agrees to toll the time for payment herein under for an additional and reasonable period of time, not to exceed 90 days, necessary for the Contract Technical Representative overseeing the project or work contemplated by this agreement to approve the work and/or services performed.

Once all required work and services have been accomplished, the County shall have 30 working days from approval by the Contract Technical Representative in which to pay the Contractor; subject to any documentation requests by the County as necessary to allow the County to evaluate the completeness and accuracy of monies due.

To the fullest extent permitted by laws, statutes, rules and regulations, the Contractor shall indemnify and hold harmless the County, its officers, directors, employees, agents, and other consultants of each and any of them from and against claims, costs, damages, losses, and expenses, including but not limited to all fees and charges of engineers, architects, attorneys and other professionals and all court costs, arising out of or resulting from performance of the work, but only to the extent caused in whole or in part by acts or omissions of the Contractor, its officers, directors, employees, agents, and anyone directly, or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, costs, damage, loss or expense is caused in part by a party indemnified here under, except that no party shall indemnify any other party or person for their own sole negligence. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this Paragraph.

This agreement consists of parts.

| Part A: | Contract Form |
| Part B: | Performance Bond |
| Part C: | Deleted |
| Part D: | Drug Free Certification |
| Part E: | Certificate of Insurance |

Amendment/Addendum #1

Project: MSW (kit)

August 24, 2006

Page 2 of 5
Contractor agrees to perform all services as contemplated herein in a manner that does not jeopardize the safety of Contractor's workers, County personnel or any other person. In addition, Contractor agrees to perform the project contemplated herein in a manner that poses no threat to the environment or violates any federal, state or local statute, ordinance, rule or regulation regarding environmental concerns.

Contractor agrees to comply with the laws of Georgia, which require authorization or licensing to conduct business in the State. Notwithstanding statutory exemptions or exclusions, Contractor agrees to subject itself to the jurisdiction and process of the Courts of the State of Georgia as to all matters and disputes arising or to arise under this Agreement and the performance therefore, including all issues relating to liability for taxes, licenses or fees levied by the State.

Contractor irrevocably consents that any legal action or proceeding against it under, arising out of or in any manner relating to this Contract shall be brought in any court in Glynn County, Georgia. Contractor designates the Secretary of the State of Georgia as its agent for service of process, provided no such agent located in Georgia is on file with said Secretary. Contractor, by the execution and delivery of this Contract, expressly and irrevocably assents to and submits to the personal jurisdiction of any court in Glynn County, Georgia and in any said action or proceeding.

Contractor hereby expressly and irrevocably waives any claim or defense in any said action or proceeding based on any alleged lack of jurisdiction, improper venue or forum non conveniens or any similar basis.

Contractor shall take affirmative action in complying with all Federal and State requirements concerning provision of services or fair employment and treatment of all applicants for employees without regard or discrimination based on race, color, religion, sex, national origin or disability (particularly in regard to the Americans with Disabilities Act.)

Contractor assumes sole responsibility for completion of the work undertaken pursuant to this Agreement. The County shall consider Contractor the sole point of contact with regard to contractual matters. Sub-contracting of any part of the work or service contemplated by this Agreement may not be entered by Contractor without prior written approval by the County.

No assignment or transfer of this Agreement or any right accruing hereunder shall be made in whole or in part by Contractor without the express written consent of the County.

A waiver by either party of any breach of the provisions hereof shall not be deemed a waiver of any succeeding breach of such provision or any other provision of this Agreement. Should any term, provision or other part of this Agreement be declared illegal or unenforceable, it shall be excised or modified to conform to the appropriate law or regulations, and the remainder of the Agreement shall not be affected but shall remain in full force and effect.
The provisions, covenants, and conditions in this Agreement apply to and bind the parties, their legal heirs, representatives, successors and assigns.

No modification or amendment of the terms hereof shall be effective unless written and signed by the authorized representatives of all parties hereto.

This Agreement constitutes the final and complete agreement and understanding between the parties regarding the subject matter hereof. All prior and contemporaneous Agreements and understandings, whether oral or written, are to be without effect in the construction of any provisions or term of this Agreement if they alter, vary or contradict this Agreement.

- Continued on Next Page -
IN WITNESS WHEREOF:

The parties hereto have executed this Agreement under their respective seals as of the date last written below in three (3) counterparts, each of which shall without proof or accounting for the other counterparts, be deemed an original contract.

GLYNN COUNTY, GEORGIA

Approved As To Form

__________________________________________
County Attorney

By: __________________________________________
Title: Chairman, Board Of Commissioners
Glynn County, Georgia

(Seal)

Attest: _______________________________________

Title: _______________________________________

Date: _______________________________________

_____________________________________________

CONTRACTOR:

Republic Services of Georgia, LP
d/ba
Southland Waste Systems of Georgia

Signed and sealed in the presence of:

1. _______________________________________

2. _______________________________________

By: _______________________________________

Title: _______________________________________

(Corporate Seal)

Attest: _____________________________________

(Corporate Secretary)

Title: _______________________________________

Date: _______________________________________

Project: MSW (ktr)
2-16-238  Trash and weeds: Duty of person responsible.

(a) Within the urban service tax district, it shall be unlawful for any person having an ownership or leasehold interest in property, having a contractual obligation to manage property, or occupying property to maintain such property, including vacant lots or land, in such a way as to allow trash, garbage, litter, or miscellaneous refuse to accumulate. Drive-in restaurants and other food establishments that permit carry-out food service shall maintain at all times on their premises sufficient receptacles for the disposal of trash, garbage, and miscellaneous refuse.

(b) Within the urban service tax district, it shall be unlawful for any person having an ownership or leasehold interest in property, having a contractual obligation to manage property, or occupying property to maintain or cause or permit to be maintained uncut grass or weeds on such property under circumstances that the grass or weeds become a breeding place for insects, rodents or reptiles, or constitutes a fire hazard. (#O-2003-19)

2-16-239  Abandoned motor vehicles.

It shall be unlawful to abandon any motor vehicle as provided in O.C.G.A. at Section 40-11-1. Any motor vehicle abandoned within the County shall be disposed of by the proper authorities as provided in O.C.G.A. at Title 40, Chapter 11.

2-16-240  Littering.

(a) It shall be unlawful for any person or persons to dump, deposit, throw, leave, discard, place, discharge, dispose, drop or to cause or permit the dumping, depositing, placing, throwing, leaving, discarding, placing, discharging, disposing, or dropping of litter on any public or private property in the unincorporated area of Glynn County or any waters in the unincorporated area of Glynn County, unless:

(1) The property is designated by Glynn County or an agency of the State of Georgia for the disposal of litter and the person is authorized by the proper public authority to use such property;

(2) The litter is placed into a litter receptacle or container installed on the property and the person is authorized or
permitted to place litter in such litter receptacle or container;

or

(3) The person is the owner or tenant in lawful possession of such property or has first obtained consent of the owner or tenant in lawful possession or unless the act is done under the personal direction of the owner or tenant, all in a manner consistent with the public welfare.

(b) Any person who violates subsection (a) of this Section 2-16-240 shall be guilty of a misdemeanor and, upon conviction thereof, shall be punished as follows:

(1) By a fine of not less than $200.00 nor more than $500 for the first offense, by imprisonment for up to sixty (60) days for the second offense, and by both a fine of not less than $500 nor more than $1,000 and imprisonment for up to sixty (60) days for the third offense and each offense thereafter; and

(2) (A) In the sound discretion of the Judge of the Magistrate Court, the person may be directed to pick up and remove from any public property or private right of way, for a distance not to exceed one (1) mile, any litter the person has deposited and any and all litter deposited thereon by anyone else prior to the date of execution of sentence; or

(B) In the sound discretion of the Judge of the Magistrate Court, the person may be directed to pick up and remove from any private property upon which it can be established by competent evidence that the person has deposited litter, any and all litter deposited thereon prior to the date of execution of sentence so long as the legal owner or tenant in lawful possession of such private property has given prior permission; or

(C) If in the sound discretion of the Judge of the Magistrate Court, removal of the litter by the person would be unsafe, impractical, not feasible, or impossible, the person may be directed to reimburse Glynn County for the cost of removal and/or cleanup of the litter that the person deposited on public property.

(3) The Judge of the Magistrate Court may publish the names of persons convicted of violating subsection (a) of this Section 2-16-240.
(c) Whenever litter is thrown, deposited, dropped, discarded, discharged, disposed, or dumped from any motor vehicle, boat, airplane, or other conveyance in violation of this Section 2-16-240, it shall be prima-facie evidence that the operator of the conveyance has violated subsection (a) of this Section 2-16-240.

(d) Except as provided in subsection (c) of this Section 2-16-240, whenever any litter which is dumped, deposited, thrown, left, discarded, placed, discharged, disposed, or dropped on public or private property in violation of this Section 2-16-240 is discovered to contain any article or articles, including but not limited to letters, bills, publications, or other writings which display the name of a person thereon in such a manner as to indicate that the article belongs or belonged to such person, it shall be a rebuttable presumption that such person has violated subsection (a) of this Section 2-16-240. (#O-2003-19)

2-16-241 - 2-16-244 Reserved.

DIVISION 2 - ADMINISTRATION AND ENFORCEMENT

2-16-245 Director of Utilities Management.

The management and administration of collection, transportation and disposal of refuse shall be under the Utilities Management Division.

2-16-246 Collections.

Private collection. It shall be unlawful for any person to collect refuse within the County, except from his or her own residence, business or industrial plant, without first having obtained a proper permit from the Georgia Department of Natural Resources and without first having obtained a County occupational tax license. All licensed private businesses shall meet all federal, state and local laws and regulations.

2-16-247 Receptacles and containers.

(a) Required. Every person in possession, charge or control of any building, or from which business trash, industrial waste or other waste is accumulated or produced, shall be required by this Article to provide and keep in a suitable and accessible location for the licensed private collector, receptacles and containers suitable for
Yank Phillips
Planning and Zoning Manager
Community Development
1803 Gloucester Street, Suite 100
Brunswick, GA 31520

Dear Mr. Phillips,

This letter serves as a disposal capacity assurance for waste generated by unincorporated Glynn County from November 1, 2005 to October 31, 2016. The Georgia EPD permit number for this facility is 151-014D. This assurance is based upon unincorporated Glynn County disposing of approximately 50,000 tons of waste at this facility on an annual basis.

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

Sincerely,

[Signature]

John W Simmons
Important Questions!

How Do I Dispose of? What Can I Do With? Where Can I Go to Recycle?

Answers!

KGBiB can assist you with information about the following:
- Antifreeze
- Appliances
- Batteries
- Construction/Demolition Wastes
- Fluorescent Bulbs
- Household Garbage
- Junk Cars
- Paint
- Recyclables
- Sway Cars/Roll-Off Containers
- Tires
- Used Furniture
- Yard/Land Debris
- Other Bulky Items/Materials

Call 262-5380 for further information.

City/County Services

CITY OF BRUNSWICK - Household Garbage/Yard Waste Services contact Brunswick Public Works Dept. 267-5570.

GLYNN COUNTY - Weekly Garbage Collection: All property owners in Glynn County will receive garbage carts for curbside service unless you have dumpster service. (Payment will be collected on your tax bill.) Biweekly Recycling Collection: Available to all residential customers at no additional cost. Residents in multi family complexes or mobile home parks are also eligible. Enroll: www.glyncounty.org. Call Glynn County Customer Service at 554-7111 for further information.

Bulk Items Collection - Public works will provide free pickup of bulk items (furniture, toys, junk) & white goods (appliances).

Note: Each address will receive two (2) white goods and two (2) bulk pickups per calendar year. Call Customer Service at 554-7111 to schedule a pickup.

IMPORTANT:
- Size of pile limited to six (6) feet high and six (6) feet wide.
- Place items on right of way no earlier than day before designated pickup date.
- Any rejected items must be removed within 24 hours.

Items must be placed in accessible areas away from obstacles so large equipment can access items.

Not Accepted: Hazardous Materials, Construction debris, Boats, Vehicles, Dead animals, Garbage.

Keep Brunswick-Golden Isles Beautiful

P.O. Box 1493
Brunswick, GA 31521
(912) 262-5380
Fax: (912) 262-9157
Email: msmith@netlinkip.com
www.kbgib.org

Keep America Beautiful

P.O. Box 1493
Brunswick, Georgia 31521
Phone: (912) 262-5380
Fax: (912) 262-9157
Email: msmith@netlinkip.com
www.kbgib.org
Keep Brunswick-Golden Isles Beautiful

Overview:
Originally established as the Brunswick-Glynn County Clean Community Commission in 1980 and re-named Glynn Clean and Beautiful in 1987, Keep Brunswick-Golden Isles Beautiful was re-organized in October 1997. Providing leadership is a Board of Directors and Advisory Board comprised of volunteers from all sectors of Brunswick and the Golden Isles. KGBIB is a 501 c-3 non-profit organization and is officially recognized as an affiliate of Keep America Clean/Keep Georgia Clean. Monetary, in-kind, and volunteer support for specific programs is sought from businesses, governments, civic/community organizations, schools, and individuals reinforcing the concept of a KAB System as a public/private sector partnership.

Vision Statement:
To be litter free, to have 100% participation in recycling, and to be the most beautiful community in the state.

Mission Statement:
To create a clean and beautiful community through citizen involvement and education.

Goals:
KAB Education
To educate the entire community and encourage involvement in KAB programs and activities on a continuing basis.

Adopt-A-Highway
To continue identification of roadways, thoroughfares, and open spaces for adoption.

Signature Project
To beautify Spur 25 from US 17 to I-95 (Phase I), US 17 to the Sydney Lanier Bridge (Phase II), and the Sydney Lanier Bridge to Hwy 303 (Phase III).

Global Beautification
To involve a variety of community organizations in beautification projects that enhance and improve specific areas in the community.

Waste Reduction/Recycling
To support the development of user-friendly waste reduction/recycling programs and to educate the community as to the importance of their use.

Clean Clyde and Retread Ted say “Keeping Brunswick and the Golden Isles Clean and Beautiful is EVERYONE’S RESPONSIBILITY!”
The following is a list of programs/events in which you or your organization can become involved. Please call KGBIB at 262-5380 for further information.

- Adopt-A-Beach
- Adopt-A-Highway
- Adopt-A-Park
- Adopt-A-Spot
- America Recycles Day
- Beach Sweeps
- Beautification Projects
- Christmas Tree Recycling
- Cigarette Litter Prevention
- Citizens’ Litter Patrol
- Clean & Cool Show
- Clean Sweep Awards
- Community Service Projects
- Community Appreciation
- Breakfast
- DO IT AGAIN! RECYCLE GLYNNI School’s Contest
- Fall Cleanup
- Golden Isles Waterways Cleanup
- Graffiti Hurts
- GREAT AMERICAN CLEANUP
- JAZZ-UP Brunswick & The Golden Isles Week
- Kidney Car Program
- Litter Control Programs
- Major Corridor Enhancements
- Neighborhood Cleanups
- Operation Coverup
- Recycled TRASH Art Contest
- School Paper Recycling
- Scrap Tire Recycling
- Teacher Workshops
- Telephone Book Recycling
- Waste in the Workplace

Together we can make a difference!

HELP STOP LITTERING & ILLEGAL DUMPING!
Notify the following for the area identified:
 Brunswick/Glynn County Police ............ 554-3645
 Brunswick Code Enforcement ............ 267-5570
 Glynn County Code Enforcement ....... 554-7432
 Georgia State Patrol ..................... "GSP or 262-2380
 GA DNR Law Enforcement ............... 264-7237
 Keep Brunswick-Golden Isles Beautiful .... 262-5380

Did you know?
Cigarette butts are litter too!
Partially smoked cigarettes, matches, disposable lighters, packaging as well as cigarette butts are all part of this growing national problem.
✓ Use a portable ashtray in your car, carry a pocket ashtray or use ash receptacles for smoking outside.
✓ Do not throw butts out car windows.
✓ Be aware of litter ordinances.
✓ Spread the word—Don’t litter cigarette butts!

We all live downstream!
The river begins at your door!
Even if you live miles away from a river or stream, you may be polluting the water without even knowing it. Anything that enters a storm water system is discharged untreated into the water bodies we use for swimming, fishing and drinking water. Practice healthy household habits and keep common pollutants like pesticides, pet waste, grass clippings, and automotive fluids off the ground and out of storm water. Adopt these healthy household habits and help protect lakes, streams, rivers, wetlands and coastal waters.

Hazardous Wastes
Did you know improper handling and disposal of hazardous wastes is against the law and can result in fines and expensive cleanup costs? These wastes include pesticides, paint, motor oil, solvents, gasoline, lawn and garden, batteries and cleaners, and many others. Help us keep our community clean. Use proper and legal methods for disposal of any hazardous wastes. Contact the local office of EPD at 264-7284 or KGBIB at 262-5380 for further information.

Scrap Tires
Did you know scrap tires must be disposed of properly according to local and state laws? Do not dump them on streets, roads, highways or in waterways. It is also illegal to burn any scrap tires unless properly permitted. Help us keep our community clean. Recycle your tires with a business that is legally permitted to collect or transport scrap tires. Call KGBIB at 262-5380 for further information.

Remember to close the loop!
Did you know you can close the loop?
Buy and use recycled products!
Minimize your wastes! Recycle before you throw away!
Call KGBIB at 262-5380 for further information.
2006 Telephone Book Recycling Campaign

KBGIB Reminds You To RECYCLE
Your Old Telephone Books
July 10 – August 10

DROP-OFF SITES

Brunswick City Hall
601 Gloucester St., Brunswick

Coastal Disposal & Recycling Center
1400 4th Avenue, Brunswick

Colonial Mall Glynn Place
Mall Boulevard, Brunswick

Jekyll Island Recycling Center
South Riverview Drive, Jekyll Island

Southland Waste Drop-Off Centers
Demere Road, St. Simons Island
Perry Lane Road, Brunswick

The Home Depot
Altama Connector, Brunswick

Waste Management
Habersham Street, Brunswick

Winn Dixie Stores, Inc.
4402 Altama Avenue, Brunswick
1941 Glynn Avenue, Brunswick
5420 New Jesup Highway, Brunswick
220 Retreat Plaza, St. Simons

Sponsors

City of Brunswick
Coastal Disposal & Recycling Services
Colonial Mall Glynn Place
Glynn Co. Board of Commissioners
Jekyll Island Authority
Southland Waste Systems
The Brunswick News
The Home Depot
Waste Management

Winn Dixie Stores, Inc.
Quantum Communications:
92.7 WBGA
107.7 The Fox
1440 WGIG
1490 WMOG
Fun Country 102.5 WYNR
Sunny 103

For more information please contact:
Keep Brunswick-Golden Isles Beautiful
262-5380 or Email: msmith@netlinkip.com
Visit our Website at: www.kbgib.org