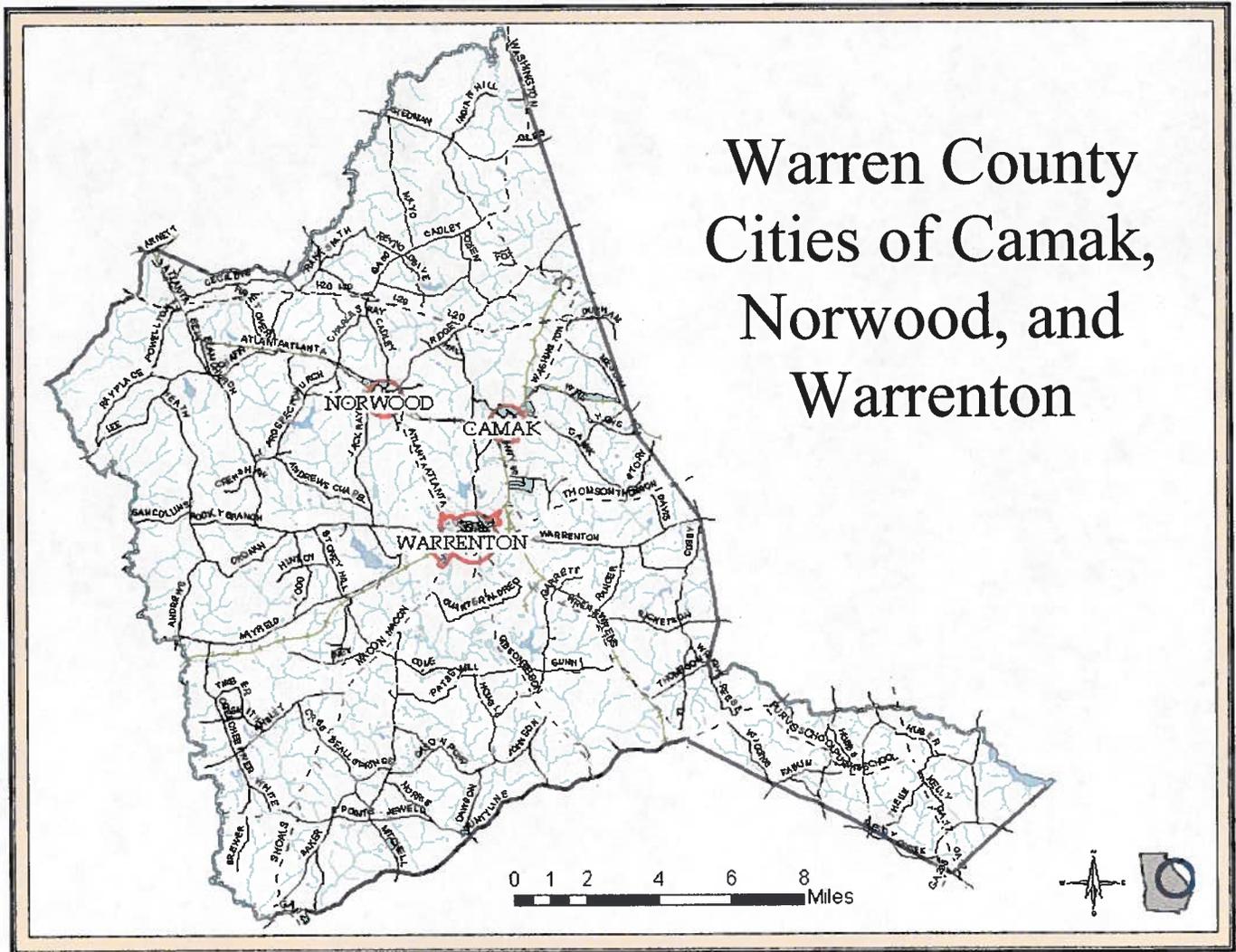


# SOLID WASTE MANAGEMENT PLAN DRAFT (2005 - 2014)



Warren County  
Cities of Camak,  
Norwood, and  
Warrenton

TRANSMITTED AUGUST, 2004

Prepared by: The CSRA Regional Development Center

# Table of Contents

**Introduction..... 2**

**Public Participation ..... 3**

**ELEMENTS OF THE PLAN**

**1. Description of the County ..... 5**

**2. Waste Disposal Stream Analysis ..... 11**

**3. Waste Reduction Element ..... 15**

**4. Collection Element..... 17**

**5. Disposal Element..... 21**

**6. Education and Public Involvement Element ..... 25**

**7. Land Limitation Element..... 26**

**8. Implementation Strategy..... 35**

## Introduction

The term “solid waste” includes four categories of solid waste generated in Warren County: municipal (this refers to solid waste in both cities and counties), construction/demolition, inert and industrial. These types of wastes vary in composition, potential environmental and health related problems, and management requirements. Although each of these will be discussed in this plan, the emphasis is on municipal solid waste in that this waste is currently presenting the most concerns and requires more stringent and expensive management efforts.

Municipal solid waste, or what we commonly refer to as “garbage” or “trash,” is more accurately defined as the combined residential and nonresidential (institutional, commercial, governmental and industrial waste which is co-managed with residential and nonresidential waste) solid waste generated and handled in a given city or county area. It does not generally include other types of solid waste such as industrial or agricultural wastes which are handled separately. Municipal solid waste includes food scraps, packaging material, yard waste, discarded appliances, used tires and other similar items. In Warren County, municipal solid waste is collected by private and public haulers and is being exported to McDuffie County for proper disposal.

The concern with municipal solid waste is that, if it is not handled properly, it can cause aesthetic, health and environmental problems including diseases, air pollution from fires and contaminated water resources and unsightly litter. In addition, concern has mounted in recent years over the amount of resources being discarded and the use of expensive landfill capacity for materials which need not be placed in landfills. Consequentially, the practice of just “throwing it away” is no longer appropriate.

### **Georgia Comprehensive Solid Waste Management Act**

In 1989, the Georgia General Assembly passed SR 103 creating the Joint Solid Waste Management Study Committee to analyze the status of solid waste management in Georgia and to make recommendations for a comprehensive revision of the 1972 Solid Waste Management Act. The Study committee labored during the summer and fall, 1989, and released its report in December of that year. The findings and recommendations in the study committee report were drafted as legislation and introduced as an administration bill in the 1990 session of the General Assembly as SB 533, the Georgia Comprehensive Solid Waste Management Act. The bill unanimously passed both houses of the General Assembly.

SB 533 (the Act) provides a sound framework for comprehensively managing solid waste. The first step in implementing the ACT has been the development of the Georgia Solid Waste Management Plan. The purpose of the State plan is essentially threefold:

1. to present a status report of solid waste management in Georgia.
2. to set forth the state strategy for reducing and managing solid waste, and

3. to establish the procedures and criteria for local/regional solid waste plans and other components of local/regional solid waste management strategy.

This document, the *Joint Warren County-Camak, Norwood, and Warrenton Solid Waste Management Plan*, represents the next step in the planning process.

### **Solid Waste Planning Process**

The Minimum Planning Standards and Procedures outline the steps required in preparing a community Solid Waste Management Plan. The intention is to provide a framework for those preparing the plan to follow in looking at the current status of solid waste management within the planning area, determining needs, addressing goals, and deciding on how an effective and comprehensive program of solid waste management will be implemented within the area.

The *Joint Warren County-Camak, Norwood, and Warrenton Solid Waste Management Plan* includes data in seven topic areas or “elements” that are considered critical as components of the solid waste management planning process. These seven elements are:

1. Waste Disposal Stream Analysis
2. Waste Reduction Element
3. Collection Element
4. Disposal Element
5. Land Limitation Element
6. Education and Public Involvement Element
7. Implementation Strategy

Information is gathered and analyzed for each of these seven elements. This is used in turn to set various local goals for Warren County. In addition to local goals, two statewide goals are required by the Comprehensive Solid Waste Management Act. These goals are as follows:

- **Goal 1** - To insure that the amount of solid waste being received at disposal facilities during the coming years will be reduced by 25% per capita.
- **Goal 2** - To insure that community solid waste management systems will be adequate to meet the ten-year handling capability and capacity needs identified in the local solid waste management plan.

## **Public Participation**

As required by the minimum solid waste planning standards, two public hearings were held in Warren County to elicit community input as to the solid waste needs and goals of Warren County. The first public hearing was held prior to preparing the plan on August 8, 2002. The second hearing was held following the completion of the draft plan on July 26, 2004. Comments

and suggestions at both of these hearing were taken into consideration and incorporated into the final plan. Finally, neighboring communities and state agencies were sent copies of the plan to review and comment on the contents of the plan.

# 1. Description of the County

## **Background**

Warren County and the County seat of Warrenton are located in east-central Georgia, 48 miles west of Augusta. Warren County is a rural area covering 286.0 square miles.

Warren County, like most of the rural CSRA counties, is greatly dependent on manufacturing for its employment. As of 2000, 798 of the 2,324 (34.3%) members of the work force were employed in manufacturing. A great number of these workers commute to surrounding counties for employment.

## **Population**

Since 1990, the county has seen a mild recovery in population, increasing by about two percent every five years. By 1995, the county regained 2.16% of the population lost during the 1980's. The period of 1990 to 1995 saw Georgia's peak population growth at 11.16%. Likewise, the national population grew by 6.25% during that era. Thus, Warren County's 2.16% increase was relatively low.

Warrenton's population has declined continually in the past two decades, decreasing from 2,374 in 1980 to 2,013 in 2000 (Table P-1). Norwood's population increased from 275 in 1980 to 299 in 2000. Population growth in Norwood has averaged 5% every five-year period (Table P-1). Camak's population increased from 118 in 1980 to 165 in 2000 and is the only jurisdiction in Warren County to record continuous increases in population (Table P-1).

Table P-1  
**Warren County and Cities Total Population, 1980-2025**

	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
<b>Warren Co.</b>	6,587	6,431	6,070	6,201	6,340	6,422	6,539	6,614	6,731	6,901
<b>Warrenton</b>	2,347	2,316	2,257	2,135	2,013	2,039	2,076	2,100	2,137	2,191
<b>Norwood</b>	275	257	238	269	299	304	309	313	319	327
<b>Camak</b>	118	157	196	181	165	167	170	172	175	179

Source: Woods & Poole, 2002 and CSRA RDC

Table P-2  
**Warren County and Cities Population Change, 1985-2025**

	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
<b>Warren Co.</b>	N/A	-2.3%	-5.6%	2.1%	2.2%	1.3%	1.8%	1.1%	1.7%	2.5%
<b>Warrenton</b>	N/A	-2.4%	-2.5%	-5.4%	-2.2%	1.3%	1.8%	1.1%	1.7%	2.5%
<b>Norwood</b>	N/A	-6.5%	-7.3%	13.0%	11.1%	1.3%	1.8%	1.1%	1.7%	2.5%
<b>Camak</b>	N/A	33.0%	24.8%	-7.6%	-8.8%	1.3%	1.8%	1.1%	1.7%	2.5%

\* N/A = Not Available

Source: Woods & Poole, 2002 and CSRA RDC

Total population in Warren County and the municipalities is projected to increase 8.8% through 2025 (Table P-2), in line with the rural CSRA growth rate of 10.5% but significantly lower than the state (+35.9%) and national (+27%) averages.

### Seasonal Population Changes

Warren County does not experience any significant seasonal changes in population.

### Number of Households

Household growth change varies from jurisdiction to jurisdiction in Warren County. The total number of households in Warren County has increased by 315 from 2,127 in 1980 to 2,442 in 2000 (Table P-3). Total number of households is projected to increase by an additional 218 to 2,660 by 2025. Average household size in Warren County has declined through in the past two decades, from 3.05 in 1980 to 2.55 in 2000, and is projected to decline to 2.53 by 2025 (Table P-4).

The number of households in Warrenton increased from 730 in 1980 to 816 in 2000 (Table P-3). An additional 73 households is projected through 2025. Average household size declined from 3.0 in 1980 to 2.45 in 2000, and is projected to decline to 2.43 by 2025. (Table P-4).

The number of households in Norwood increased from 119 in 1980 to 126 in 2000 (Table P-3). An additional 12 households is projected through 2025. Average household size declined from 2.9 in 1980 to 2.37 in 2000, and is projected to decline to 2.43 by 2025. (Table P-4).

The number of households in Camak decreased from 91 in 1980 to 71 in 2000 (Table P-3). An additional 6 households is projected through 2025. Average household size declined from 3.1 in 1980 to 2.32 in 2000, and is projected to decline to 2.43 by 2025. (Table P-4).

Table P-3

**Warren County and Municipalities Total Households, 1980-2025**

	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
<b>Warren Co.</b>	2,127	1,987	2,143	2,270	2,442	2,505	2,562	2,610	2,641	2,660
<b>Warrenton</b>	730	733	736	776	816	838	856	872	882	889
<b>Norwood</b>	119	103	87	107	126	129	132	135	137	138
<b>Camak</b>	91	84	76	74	71	73	75	77	78	79

Source: U.S. Bureau of the Census, Woods & Poole (2002) and CSRA RDC

Table P-4

**Warren County and Municipalities Average Household Size, 1980-2025**

	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
<b>Warren Co.</b>	3.05	3.18	2.78	2.68	2.55	2.51	2.50	2.48	2.49	2.53
<b>Warrenton</b>	3.00	2.83	2.65	2.55	2.45	2.41	2.40	2.38	2.39	2.43
<b>Norwood</b>	2.90	2.82	2.74	2.56	2.37	2.33	2.32	2.30	2.31	2.35
<b>Camak</b>	3.10	3.00	2.89	2.60	2.32	2.28	2.28	2.26	2.27	2.31

Source: U.S. Bureau of the Census, Woods & Poole (2002) and CSRA RDC

**Economic Activity**

Warren County and the municipalities recognize that economic development is the foundation for providing good jobs, a stable taxation base, and desired public services. Sustainable, well-balanced and quality development meets the needs of all citizens and ensures long-term prosperity. Warren County will continue to create a positive business climate, retain existing businesses and industries, and improve the economic well-being and quality of life of its citizens. Employment encompasses the total number of people employed by local businesses and industries, sole proprietors and the self-employed. This includes non-residents in surrounding areas who work in Warren County to work but excludes Warren County residents commuting to jobs outside the county limits.

Table E-1 examines historic sector employment trends in Warren County. Overall, total employment increased by 46 or 2% between 1990 and 2000. Manufacturing, the largest employment sector, declined by 17.4% while farming declined by 27.5% in that same period. The construction and services sectors grew by 190.9% and 55.4% respectively between 1990 and 2000. Total employment is projected to increase by 286 or 12.3% through 2025. Transportation, communications & public utilities (121.7%) and manufacturing (19.5%) will account for most of the employment growth.

Table E-2 highlights the relative growth of each sector. The three largest sectors, manufacturing, services and state & local government, currently account for 68.2% of total employment in Warren County. Historically, manufacturing has been the dominant employment sector. Between 1990 and 2000, manufacturing declined from 42.4% to 34.3% of total employment, a drop of 8.1%. By 2025 manufacturing will account for 30.3% of total employment. The services and

state & local government sectors are projected to remain relatively flat through 2025. The only significant sector loss occurred in farm employment. Between 1990 and 2000 farm employment declined by 3.2% and is projected to drop an additional 2.1% through 2025.

Major employment differences become apparent when comparing Warren County to the state average (Table E-3). The Georgia economy is clearly more diversified with no single dominant sector and less dependence on manufacturing and government employment. Warren County is nearly three times more dependent on manufacturing than the state average. Significant discrepancies are also found in farm, retail trade, and service sectors.

Table E-1  
Warren County Employment by Sector, 1990-2025

	1990	1995	2000	2005	2010	2015	2020	2025
Farm	258	204	187	185	176	168	160	154
Agricultural Services, Other	35	56	43	51	56	60	63	66
Mining	16	16	17	18	19	20	21	22
Construction	22	40	64	64	64	64	64	65
Manufacturing	967	890	798	786	783	782	785	791
Trans, Comm, & Pub. Utilities	88	110	124	170	204	231	255	275
Wholesale Trade	4	13	23	24	26	27	29	31
Retail Trade	190	175	166	167	168	170	172	174
Finance, Insur., & Real Estate	53	38	72	77	79	83	87	91
Services	312	467	485	500	518	537	558	580
Federal Civilian Government	20	16	19	19	19	19	20	20
Federal Military Government	27	25	23	23	24	24	24	24
State & Local Government	286	290	303	305	308	311	314	317
<b>Total</b>	<b>2,278</b>	<b>2,340</b>	<b>2,324</b>	<b>2,389</b>	<b>2,444</b>	<b>2,496</b>	<b>2,552</b>	<b>2,610</b>

Source: Woods & Poole Economics, 2002

Table E-2  
Warren County Percent of Sector Employment, 1990-2025

	1990	1995	2000	2005	2010	2015	2020	2025
Farm	11.33%	8.72%	8.05%	7.74%	7.20%	6.73%	6.27%	5.90%
Agricultural Services, Other	1.54%	2.39%	1.85%	2.13%	2.29%	2.40%	2.47%	2.53%
Mining	0.70%	0.68%	0.73%	0.75%	0.78%	0.80%	0.82%	0.84%
Construction	0.97%	1.71%	2.75%	2.68%	2.62%	2.56%	2.51%	2.49%
Manufacturing	42.45%	38.03%	34.34%	32.90%	32.04%	31.33%	30.76%	30.31%
Trans, Comm, & Pub. Utilities	3.86%	4.70%	5.34%	7.12%	8.35%	9.25%	9.99%	10.54%
Wholesale Trade	0.18%	0.56%	0.99%	1.00%	1.06%	1.08%	1.14%	1.19%
Retail Trade	8.34%	7.48%	7.14%	6.99%	6.87%	6.81%	6.74%	6.67%
Finance, Insur., & Real Estate	2.33%	1.62%	3.10%	3.22%	3.23%	3.33%	3.41%	3.49%
Services	13.70%	19.96%	20.87%	20.93%	21.19%	21.51%	21.87%	22.22%

Table E-2

**Warren County Percent of Sector Employment, 1990-2025**

	1990	1995	2000	2005	2010	2015	2020	2025
Federal Civilian Government	0.88%	0.68%	0.82%	0.80%	0.78%	0.76%	0.78%	0.77%
Federal Military Government	1.19%	1.07%	0.99%	0.96%	0.98%	0.96%	0.94%	0.92%
State & Local Government	12.55%	12.39%	13.04%	12.77%	12.60%	12.46%	12.30%	12.15%
<b>Total</b>	<b>100.00%</b>							

Source: Woods & Poole Economics, 2002

Table E-3

**Georgia Percent of Sector Employment, 1990-2025**

	1990	1995	2000	2005	2010	2015	2020	2025
Farm	2.01%	1.63%	1.39%	1.24%	1.11%	1.00%	0.90%	0.82%
Agricultural Services, Other	0.85%	1.06%	1.13%	1.15%	1.16%	1.17%	1.17%	1.16%
Mining	0.29%	0.22%	0.20%	0.18%	0.17%	0.17%	0.16%	0.15%
Construction	5.75%	5.58%	6.10%	6.05%	5.94%	5.80%	5.66%	5.52%
Manufacturing	15.51%	14.27%	12.63%	12.07%	11.56%	11.03%	10.50%	9.97%
Trans, Comm, & Pub. Utilities	5.86%	5.72%	6.10%	6.17%	6.19%	6.16%	6.09%	5.97%
Wholesale Trade	6.18%	5.73%	5.69%	5.74%	5.73%	5.71%	5.69%	5.66%
Retail Trade	16.44%	17.14%	16.80%	17.08%	17.32%	17.51%	17.65%	17.76%
Finance, Insur., & Real Estate	6.64%	6.36%	7.12%	7.05%	6.98%	6.91%	6.83%	6.76%
Services	23.75%	26.61%	28.63%	29.27%	30.10%	31.07%	32.16%	33.35%
Federal Civilian Government	2.79%	2.33%	1.90%	1.76%	1.63%	1.53%	1.43%	1.35%
Federal Military Government	2.46%	2.24%	1.93%	1.82%	1.71%	1.61%	1.51%	1.42%
State & Local Government	11.46%	11.11%	10.39%	10.44%	10.40%	10.33%	10.22%	10.10%
<b>Total</b>	<b>100.00%</b>							

Source: Woods & Poole Economics, 2002

**Major Community-Level Economic Activities**

The Warren County area has seen an increase in economic activity since 1970. The county's transportation infrastructure and proximity to Interstate 20 and large metro areas provides economic development opportunities.

The county has been proactive in the areas of planning and providing the necessary infrastructure to attract industry, such as in the development of the East Central Georgia Industrial Park. Additionally, the county is in the process of developing a county industrial park just east of the City of Warrenton between the US278 bypass and US278.

The Development Authority of Warren County and Chamber of Commerce are the primary vehicles to attract and provide available location opportunities for industrial development. The Development Authority is authorized to issue bonds on behalf of the county. The Chamber of

Commerce is actively involved in promoting tourism, business and industrial development, and improving the quality of life for Warren County residents. The Chamber markets the county in several statewide publications and participates in regional development efforts. To encourage business development in the County, the Chamber works closely with Georgia Power, the Georgia Electric Membership Corporation, the Georgia Department of Industry, Trade & Tourism, and the CSRA Regional Development Center.

The City of Warrenton is a Better Hometown Community, an organization that works closely with the Chamber of Commerce to revitalize and refurbish downtown area structures. The organization also works with business owners to renovate existing buildings, and operates a website in conjunction with the Chamber of Commerce to promote the area to visitors and potential business owners.

### **Manufacturing**

Manufacturing employment in Warren County declined from 967 in 1990 to 798 in 2000, a loss of 169 jobs. Manufacturing establishments accounted for 6% of the total number of establishments in Warren County in 2000. Infrastructure improvements meeting specific needs (water and sewer) and readily available industrial land, such as the East Central Georgia Industrial Park and the Warren County Industrial Park, will make Warren County attractive for industrial development.

Small and medium size firms manufacture a variety of products represent the manufacturing sector in Warren County. Key manufacturers include:

J.M. Huber  
Wheland Foundry  
Zorlu Manufacturing, Inc.  
The Timbermen

Georgia Pacific Corp.  
Martin Marietta Aggregates  
Thiele Kaolin  
JEBSCO

### **Services**

Service employment in Warren County increased steadily from 1990 to 2000. In 1990 service employment accounted for 312 jobs, or 14% of total employment. By 2000, the number of service jobs had increased 55% to 485. The service sector is the only sector in the Warren County economy showing continual and robust growth.

### **Major Development Trends and Unique Economic Opportunities**

Understanding that tourism can stimulant the local economy, Warren County and the municipalities are in the process of pursuing various strategies aimed at promoting tourism. These efforts include working with other community in establishing a Civil War Heritage Trail and participating in the Georgia Scenic Byways program. The purpose of both of these programs is to capitalize on unique historical and scenic qualities that offer Warren County regional, state and national exposure.

Warren County is well positioned to capitalize on tourism. In addition to the Ogeechee River, a Wildlife Management Area and numerous historical and recreation qualities provide good tourism opportunities. The county has applied for numerous state and federal grants aimed at enhancing potential tourist areas such as the Warrenton downtown historic district.

The Old Warrenton Depot (on the eastern side of town) will serve as a welcome center for the county. The Old Knox Theater is also being renovated and will become a dinner theater once completed. Each of these activities will enhance the community’s ability to draw tourism into the county.

## 2. Waste Disposal Stream Analysis

### *Inventory of Waste Disposed*

As noted above, Warren County is a rural county with both limited industry and limited commercial activity. By far, the largest contributor to the solid waste stream in the County is the residential sector. Local officials estimate that the currently County waste stream could be classified as typical household waste. This residential waste consists mainly of items typically found in what is commonly called “household garbage.” These items include paper products, plastics, glass, aluminum and ferrous materials. Commercial areas are limited primarily to the incorporated areas. The composition of commercial and industrial waste consists of items such as food processing waste, cotton and fabric scraps, and wood product waste.

In regards to municipal solid waste collection, Warren County and the City of Warrenton provided the following data for use in this inventory. Camak and Norwood’s data is included in the county’s data since each jurisdiction hauls its solid waste to the county’s green box collection sites.

<b>Community</b>	<b>Total Tonnage FY04</b>	<b>Total Cost FY04</b>	<b>Total Tonnage FY03</b>	<b>Total Cost FY03</b>	<b>Total Tonnage FY02</b>	<b>Total Cost FY02</b>
Warren County (includes Camak & Norwood)	2,148.9	\$78,003.71	2,280.02	\$84,338.56	1,727.49	\$71,064.92
Warrenton	828.34	\$30,274.45	803.61	\$29,480.91	809.71	\$29,723.25

Source: City of Warrenton and Warren County Solid Waste Disposal Data

The Georgia Division of Environmental Protection collects data from waste disposal facilities throughout the State, including the amount of waste disposed from each City or County. The latest available data for Warren County dated to 2002. As a result, the data shown above was used for this report based on city and county waste disposal records. Construction and demolition tonnages for the county were not available.

“In a telephone survey of landfills in the State of Georgia, conducted by R.W. Beck, Inc., R.W. Beck reports that it is suggested that of the waste delivered to MSW landfills, 66.6 percent is MSW (generated by the commercial or residential sector), 12.3 percent is construction and demolition debris, 14 percent is industrial, and 7.1 percent is sludge or biosolids.” (see *Elbert County, Georgia Solid Waste Management Plan, 2004*).

## Waste Characterization

Preliminary analysis of waste characterization from the DCA sampling study shows the percentage of each type of material in the commercial and residential waste disposed of in an MSW landfill, shown in Table 2-2. These results suggest that 63 percent of the residential and commercial waste disposed of in Warren County is paper or organic material.

**Table 2-2  
Projected Characterization of MSW Disposed from Warren County<sup>1</sup>**

<b>Material</b>	<b>Average</b>
Newspaper	4.9%
Corrugated Cardboard	96%
Office	25%
Magazine/Glossy	30%
Paperboard	3.9%
Mixed (Other Recyclable)	3.3%
<u>Other (Non-recyclable)</u>	<u>10.0%</u>
<b>Total Paper</b>	<b>37.2%</b>
#1 PET Bottles	1.7%
#2 HDPE Bottles	1.2%
#3-#7 Bottles	0.3%
Expanded Polystyrene	1.6%
Film Plastic	8.1%
<u>Other Rigid Plastic</u>	<u>3.9%</u>
<b>Total Plastic</b>	<b>16.9%</b>
<b>Material</b>	<b>Average</b>
Clear	2.0%
Green	0.5%
Amber	1.6%
<u>Other</u>	<u>0.5%</u>
<b>Total Glass</b>	<b>4.6%</b>
<u>Other Non-Ferrous</u>	<u>0.8%</u>
<b>Total Metal</b>	<b>6.6%</b>
Yard Waste	1.5%
Wood (non-C&D)	2.1%
Food Waste	11.9%
Textiles	3.8%
Diapers	2.7%
Fines	3.3%
<u>Other Organics</u>	<u>0.8%</u>
<b>Total Organics</b>	<b>26.0%</b>

### Projected Characterization of MSW Disposed from Warren County<sup>1</sup>

Material	Average
Drywall	0.2%
Wood	3.1%
Inerts	0.2%
Carpet	1.4%
Other C&D	1.0%
<b>Total C&amp;D</b>	<b>9%</b>

Material	Average
Televisions	0.1%
Computers	0.1%
Other Electronics	1.3%
Tires	0.3%
HHW	0.2%
Other Inorganics	0.9%
<b>Total Inorganics</b>	<b>2.8%</b>
<b>Total</b>	<b>100.0%</b>

<sup>1</sup>Based on sampling data from Georgia Waste Characterization, Fall 2003

### Unique Conditions and/or Seasonal Variations

The county is not familiar with any unique conditions or seasonal variations that will change the amount of waste projected on a seasonal basis.

### Waste Generating Disasters

Natural disasters strike with varying degrees of severity and pose both short- and long-term challenges to public service providers. The most severe natural disasters generate debris in quantities that can overwhelm existing solid waste management facilities or force communities to use disposal options that otherwise would not be acceptable.

Debris removal is a major component of every disaster recovery operation. Much of the debris generated from natural disasters is not hazardous. Soil, building material, and green waste, such as trees and shrubs, make up most of the volume of disaster debris. Most of this waste can be recycled into useful commodities.

Both state and local governments may enter into mutual aid agreements with other state and local governments prior to any disaster. Such an agreement could provide for either binding commitments or nonbinding intentions of support by state and local governments to assist one another in the event of a disaster. Through these agreements, communities can loan equipment and personnel with specific expertise or experience.

Preparing a disaster debris management plan in advance can pay off in the event of a natural disaster. Planning can help a community identify its debris collection, recycling, and disposal options. Although the recovery process will take a long time, perhaps even years, careful planning will prevent costly mistakes, speed recovery, and avoid creation of more waste. A plan can also save money by identifying cost-effective debris management options and sources of help, increasing control over debris management in the community, and improving administrative efficiency. Warren County does have a plan to manage disaster debris

and is in the process of developing a hazard mitigation plan that will address waste generating disasters as well.

### **Projections of Waste to be Disposed**

The impact of out-of-state waste imports plays a role in the state achieving its 25% waste disposal reduction goal. Imported MSW is not exempt from the waste reduction disposal goal and must be factored into the overall equation. Waste disposed from out-of-state sources accounted for 10.8% of the MSW stream and 8.4% of the total waste stream disposed in the state. Imported waste has grown from representing 0.1/lb/person/day in 1998 to 0.8 lb/person/day in FY 2003.

#### **Georgia Waste Disposal and Population FY 1994 to FY 2003**

Year	Population	Total Waste Landfilled (millions of tons <sup>1</sup> )	Total Waste Landfilled (pounds/person /day)	Total Waste Disposed in MSW Landfills (Tons)	Out of State Waste <sup>2</sup>	Total Municipal Solid Waste (pounds/person/ day)	GA MSW (pounds/person/ day)
1994	6,990,658	8.58	6.73	7,222,291	138,946	5.66	5.55
1995	7,161,485	9.54	7.30	7,684,271	149,481	5.88	5.77
1996	7,334,311	9.78	7.31	7,222,499	160,000	5.40	5.28
1997	7,503,138	9.86	7.20	7,925,222	172,150	5.79	5.66
1998	7,673,965	10.75	7.68	9,026,078	193,819	6.44	6.31
1999	7,844,792	11.43	7.98	9,382,622	453,875	6.55	6.24
2000	8,015,626	12.71	8.69	9,724,736	511,472	6.65	6.30
2001	8,186,453	13.36	8.94	10,678,980	893,651	7.15	6.55

For more information regarding Georgia's solid waste management or for a glossary of terms used in this report, contact the Georgia Department of Community Affairs, Office of Environmental Management at 404-679-4940, or online at [www.dca.state.ga.us/environmental/swar.html](http://www.dca.state.ga.us/environmental/swar.html) during FY 2003.

<sup>2</sup> Virtually all out-of-state waste is MSW.

As noted previously, Warren County is rural in nature. The county's solid waste total tonnage for the past three years is as follows:

Community	Total Tonnage	Total Tonnage	Total Tonnage
	FY04	FY03	FY02
Warren County (includes Camak & Norwood)	2,148.9	2,280.02	1,727.49
Warrenton	828.34	803.61	809.71
Total	2,977.24	3,0836.63	2,537.2

Source: City of Warrenton and Warren County Solid Waste Disposal Data

The county's total population in 2002, 2003, and 2004 was 6,373, 6,385 and 6,397 respectively. This equates to an average of .3346 tons of municipal solid waste generated per person in Warren County over the past three (3) years. Using .3346 tons per person as an estimate of future solid waste generation in the county, the following table outlines the county's solid waste disposal needs through 2014:

**Table 2-3  
Waste Disposal Projections at Current Per Capita Disposal Rate  
Warren County**

Estimated Per Capita Disposed	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Population	6,422	6,445	6,474	6,504	6,524	6,539	6,554	6,569	6,584	6,599
Tons	2,148.80	2,156.50	2,166.20	2,176.24	2,182.93	2,187.95	2,192.97	2,197.99	2,203.01	2,208.03

*2.185/person/day*

### 3. Waste Reduction Element

This section provides detailed information on Warren County’s existing waste reduction programs that target the residential, commercial/institutional, industrial, construction and demolition, and yard trimming sectors and waste streams.

#### *Inventory of Waste Reduction Programs*

##### **Source Reduction Programs**

Source reduction is an approach that precedes waste management and addresses how products are manufactured, purchased, and used. Unfortunately, the consumer has little direct control over manufacturing and packaging of the products they use. There are, however, source reduction options for the consumer. Some of these options are:

- **Product reuse.** Using reusable products instead of their disposable equivalents reduces the amount of materials that must be managed as waste.
- **Reduced Materials Volume.** Larger containers can reduce the amount of packaging used. For example, a single 16-ounce can uses 40 percent less material than two (2) 8-ounce cans.
- **Increased Product Lifetime.** The solid waste stream can be significantly reduced by purchasing products with longer lifetimes over short-lived alternatives designed to be discarded at the end of their useful lives.
- **Decreased Consumption.** Consumers can be educated on what materials are difficult to dispose of or are harmful to the environment. Buying practices can be altered (i.e. buying in bulk) to reflect this environmental consciousness.

## **Recycling**

The county does not have any active recycling programs in place. All solid waste generated within the county (and its cities) is hauled by a private contractor to the McDuffie County Transfer station. The waste is then carried to Banks County R&B landfill in Banks County.

## ***Yard Trimmings Programs and Facilities***

The City of Warrenton provides a pickup service at the curb for yard trimmings (limbs, leaves, and yard trimmings) for its residents. The trimmings are then hauled to the city's inert landfill.

This service is not available for residents of the unincorporated areas of the county or for residents in Camak or Norwood. Yard waste and untreated wood are not accepted at the County's MSW greenboxes, thus leaving the responsibility of yard trimmings disposal and reduction up to property owners.

## ***Items Requiring Special Handling***

The county currently does not have an implementation plan for the handling of items requiring special handling. The county is, however, studying the possibility of changing to a single greenbox site location for the county which will be manned throughout the day. Such a system would ensure that items requiring special handling are disposed of appropriately in the county.

## ***Assessment of Waste Reduction Programs***

There are currently no specific source reduction programs in place in Warren County. Implementation of such programs could significantly benefit Warren County's waste reduction efforts. As public awareness of source reduction options increases citizens will then become more capable of using their buying power to influence the packing decisions of manufacturers of the products they use. Benefits of this "educated purchasing" will be evident in both the short and long term.

Warren County and its municipalities do not offer waste reduction and recycling opportunities to all their residents at this time. Recycling programs are cost prohibitive when there is not a large supply to be collected and transported. A regional recycling program would benefit the county and attribute to the county's waste reduction efforts.

Although Warrenton does collect yard trimmings, the other cities and unincorporated county do not offer yard trimmings pick-up. It is important then to educate residents about reducing the amount of trimmings being generated and reusing or recycling those that are produced. This will successfully place the responsibility for yard trimmings on property owners. The county and/or cities could provide a grinding service to help property owners deal with limbs and large debris. Under this scenario, local government employees would grind the debris and leave it on-site for the property owner to use as mulch or add to a compost pile. The employees would then haul away items (e.g., tree stumps too large or unsuitable to grind). This service could be provided

either on a pay-per-use basis or as a standard service paid in the regular sanitation or property tax bill. This would extend the useful life of the inert landfill and reduce disposal.

### ***Needs and Goals***

Based on the inventory and assessment, adequacy of current programs and other programmatic options, including costs, Warren County has developed the following waste reduction needs and goals:

- Ensure that the County continues to pursue the State's 25% reduction in the amount of solid waste received at disposal facilities;
- Develop education and awareness of recycling programs and opportunities for paper and organic waste materials;
- Develop sustainable waste reduction programs to continue through the 10 year planning cycle;
- Work with other state agencies to develop a Scrap Tire Cleanup Program to educate, clean up and prevent scrap tires within the county;
- Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about environmental issues;
- Work with the State's Recycling Coordinator to identify viable recycling projects in the county in coming years.
- Consider developing a regional recycling program.
- Consider developing a county-wide mulching operation to reduce yard trimmings going into the inert landfill and MSW landfill.

## 4. Collection Element

### *Inventory of Existing Collection Programs*

#### **Unincorporated Area**

Warren County does not offer at the curb collection service, but provides green boxes around the county for residents to deposit their household trash. Unincorporated Warren County is currently totally dependent on a green box collection system. This green box system is utilized by all residential, commercial, and industrial customers in the unincorporated areas of the county. This contractor is responsible for servicing the green boxes throughout the county. Currently, the green boxes are emptied twice weekly.

#### **Warrenton**

The city of Warrenton provides a door-to-door collection service once weekly to its residential customers. The city provides all of the collection service in the form of a contract with a private collection service. Bids are accepted annually from private collectors for this collection service.

#### **Camak**

The city of Camak provides a door-to-door collection service once weekly to its residential customers. The city provides all of the collection service in the form of a contract with a private collection service. Bids are accepted annually from private collectors for this collection service. The hauler takes the waste collected to the county's greenboxes and the City pays an annual fee to the county for the use of the greenboxes.

#### **Norwood**

The city of Norwood provides a door-to-door collection service once weekly to its residential customers. The city provides all of the collection service in the form of a contract with a private collection service. Bids are accepted annually from private collectors for this collection service. The hauler takes the waste collected to the county's greenboxes and the City pays an annual fee to the county for the use of the greenboxes.

Commercial facilities throughout the county are responsible for hiring their own solid waste hauler for commercially generated solid waste.

**Table 5-11  
Haulers Operating in Planning Area**

<b>Hauler Name</b>	<b>Sector Served</b>	<b>Jurisdiction(s) Served</b>	<b>Arrangement</b>
Advanced Disposal 8120 Odessa Pl Douglasville, GA 30134	Warren County – residential	Warren County	Contract with the County

City of Norwood (hauls to county green boxes)	City of Norwood – residential	Norwood	Contract with the City and City has a contract with the County
City of Camak (hauls to county green boxes)	City of Camak – residential	Camak	Contract with the City and City has a contract with the County
Advanced Disposal 8120 Odessa PI Douglasville, GA 30134	City of Warrenton – residential	Warrenton	Contract with the City

### Inventory of Collection Programs

Type	Collector	Program Description	Jurisdictions Served	Sectors Served <sup>1</sup>	Number of Households served	Contractual Arrangements
Curbside Collection	Advanced Disposal 8120 Odessa PI Douglasville, GA 30134	Weekly curbside collection of garbage	Warrenton	R	2,442	City has an exclusive arrangement for collection
Curbside Collection	City of Camak (hauls to county green boxes)	Weekly curbside collection of garbage	Camak	R	71	City has an exclusive arrangement for collection and an arrangement with the county for disposal at county's greenboxes
Curbside Collection	City of Norwood (hauls to county green boxes)	Weekly curbside collection of garbage	Norwood	R	126	City has an exclusive arrangement for collection and an arrangement with the county for disposal at county's greenboxes
Greenbox Collection Sites	Warren County (unincorporated areas)	Five (5) greenbox locations throughout the county	Warren County (unincorporated areas)	R	838	Drop off is available to all county residents

<sup>1</sup> R= Residential, I=Institutional, C= Commercial, CDr C&D

### Contingency Strategy

In the event of a natural disaster or other major event that would disrupt the collection of solid waste within the county, the County will open up areas around the five (5) greenbox collection site locations where residents may haul and drop-off excess waste. When the additional waste is capable of being processed and/or hauled away, it will be processed in accordance with existing processing guidelines.

## ***Assessment of Collection Programs***

Collection programs in Warren County are sufficient to meet the demands of residents and businesses. Because the County is relatively rural, at-the-source county wide collection is not a priority at this time. The more populated areas of Norwood, Camak, and Warrenton receive curbside collection. Collection of recyclables needs to be vastly improved in the cities and county. Cost effective recycling collection programs should be considered to help reduce waste and improve environmental conditions.

Cities and counties should consider collecting yard trimmings or even providing an area for yard trimmings drop off to help property owners deal with limbs and large debris. Yard trimmings could then be ground into mulch to use in controlling erosion and landscaping public areas. Any surplus mulch produced could be sold or given away to the public. Governments choosing this method would need to purchase or lease a chipper or tub grinder. They will also need to buy or set aside an area of land large enough to store the pre- and post-processed yard trimmings.

This would help reduce yard waste in MSW landfills as well as in inert landfills. There are several ways to develop a mulching service, which is more cost effecting than composting.

## ***Inventory of Illegal Dumping/Littering***

Illegal dumping is a moderate problem in Warren County but not a significant problem. The county is in the process of developing a code enforcement program and expects to hire a Code Enforcement in the near future to ensure that the county's Illegal Dumping Ordinance (and other ordinances) are adhered to by county residents. The Code Enforcement program is expected to be sufficient in keeping illegal dumping under control.

## ***Assessment of Programs to Address Illegal Disposal***

The county has an illegal dumping ordinance in place. As noted above, the county will soon hire a code enforcement officer who will enforce the county's ordinances. This program is expected to be sufficient to keep illegal dumping under control as enforcement of the local ordinance will increase, therefore reducing illegal dumping to avoid a fine.

## ***Needs and Goals***

Warren County's goal for collection is to ensure efficient and effective collection of solid waste in the region over the next ten years.

- The jurisdictions will continue to maintain and purchase solid waste equipment needed to properly operate solid waste collection efforts.
- The jurisdictions will continue to identify viable collection efforts and implement efficiency programs when feasible.
- The jurisdictions will evaluate collection efforts periodically to determine if changes are needed or if new collection mechanisms are feasible.
- Research existing greenbox system and determine if changes are needed.

- Consider collecting yard trimmings or even providing an area for yard trimmings drop off.

## 5. Disposal Element

### *Inventory of Solid Waste Disposal Facilities*

Unincorporated Warren County is currently totally dependent on a green box collection system. This green box system is utilized by all residential, commercial, and industrial customers in the unincorporated areas of the county. The contractor is responsible for servicing the green boxes throughout the county. Currently, the green boxes are emptied twice weekly.

In the cities of Camak and Norwood, the hauler takes the waste collected and disposes it in the county's greenboxes. The cities pay an annual fee to the county for the use of the greenboxes.

The Warren County landfill served both the incorporated and unincorporated areas of Warren County and has been closed. Currently, the County does not operate a solid waste sanitary landfill. Because the county's landfill is no longer operational, all solid waste generated in the county (and its cities) is hauled by a private contractor to McDuffie County's transfer station. The waste is then carried to Banks County R&B landfill in Banks County.

There is one (1) inert landfill operating in the county. It is operated by the City of Warrenton under permit (PBR-149-02IL) at the intersection of US 278 and Georgia State Road 16. A second site, operated by Lee & D Company under permit (PBR-149-04IL) on US 278, has been closed.

There are currently no solid waste transfer facilities operating within the county.

A list of the facilities operating in the county is demonstrated in the table below:

#### **Inert Landfills**

County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
WARREN	CITY OF WARRENTON INERT LANDFILL AND COLLECTION	PBR-149-02IL	Operating	Inert Landfill; Collection Operation	INTERSECTION OF US278 AND SR16	WARRENTON
WARREN	LEE & D INERT LANDFILL	PBR-149-04IL	Closed	Inert Landfill	HWY 278 NORTH	WARRENTON

Additionally, through the county's existing private contract, waste is hauled to the McDuffie County transfer stations. Information related to McDuffie County's transfer station are in the following table:

**Nearby Transfer Stations**

County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
MCDUFFIE	CITY OF THOMSON TRANSFER STATION	PBR-097-04TS	Operating	Transfer Station	HWY 278	THOMSON
MCDUFFIE	GEORGIA DISPOSAL AND RECYCLING, INC. TRANSFER STATION	PBR-097-06TS	Operating	Transfer Station	148 INDUSTRIAL RD. N.E.	THOMSON
MCDUFFIE	MCDUFFIE COUNTY TRANSFER STATION	PBR-097-08TS	Operating	Transfer Station	MESENA ROAD	THOMSON

**Nearby Inert Landfills**

County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
MCDUFFIE	INTERSTATE EQUIP.CO.,INC.-INERT LF	PBR-097-01IL	Operating	Inert Landfill		THOMSON
MCDUFFIE	MCDUFFIE COUNTY INERT LANDFILL	PBR-097-07IL	Operating	Inert Landfill	MESENA ROAD	THOMSON
MCDUFFIE	THOMAS D. GANTT, JR. INERT LANDFILL	PBR-097-09IL	Operating	Inert Landfill	I-20 AND SR17	THOMSON
MCDUFFIE	MCDUFFIE COUNTY BOARD OF COMMISSIONERS INERT LANDFILL	PBR-097-10IL	Operating	Inert Landfill	MESENA ROAD	THOMSON
MCDUFFIE	CSR/KNOX-RIVERS CONSTRUCTION COMPANY	PBR-097-11IL	Operating	Inert Landfill	WRIGHTSBORO ROAD & CR 21	THOMSON

**Nearby Solid Waste Disposal Facilities**

County	Facility Name	Permit Number	Operation Status	Dominion	Facility Type Description	Facility Address	City
COLUMBIA	COLUMBIA CO-BAKER PLACE RD (SL), PH 2	036-010D(SL)	Operating	PUBLIC	Municipal Solid Waste Landfill	baker place rd 8 mi se	Appling
COLUMBIA	COLUMBIA CO-SAMPLE & SON (C AND D)	036-017D(C&D)	Operating	Private Commercial	Construction and Demolition Landfill	SR 232 3 miles east of SR 47	Appling
RICHMOND	US ARMY-FT GORDON GIBSON RD PH 1-3 (SL)	121-014D(SL)	Operating	PUBLIC	Construction and Demolition Landfill	FT Gordon, 3 mi se	Grovetown
RICHMOND	RICHMOND CO-DEANS BRIDGE RD PH 2C (SL)	121-016D(SL)	Operating	PUBLIC	Municipal Solid Waste Landfill	w of dean bridge rd	Augusta
WASHINGTON	WASHINGTON CO-KAOLIN RD S #3 (SL)	150-010D(MSWL)	Operating	PUBLIC	Municipal Solid Waste Landfill	kaolin rd 4 mi SW	Sandersville
JEFFERSON	JEFFERSON CO - CR 138 MSWL	081-011D(MSWL)	Operating	PUBLIC	Municipal Solid Waste Landfill	C.R. 138 w. of US Hwy 1	Louisville
JENKINS	JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	082-005D(SL)	Operating	PUBLIC	Construction and Demolition Landfill	county road 54	Millen
BURKE	BURKE CO-CLARKE RD (SL)	017-002D(SL)	Operating	PUBLIC	Construction and Demolition Landfill	4 mi se Waynesboro	Waynesboro

**Remaining Capacities:**

County	Facility Name	Permit Number	Dominion	Report ing Year	Remaining Capacity(CY)	Average Daily Tons	Rate of Fill(CYD)	Estimated Fill Date
RICHMOND	US ARMY-FT GORDON GIBSON RD PH 1-3 (SL)	121-014D(SL)	PUBLIC	2003	173,911.00	38.00	76.00	5/27/2018
RICHMOND	RICHMOND CO-DEANS BRIDGE RD PH 2C (SL)	121-016D(SL)	PUBLIC	2003	781,863.00	609.00	812.00	7/7/2006
WASHINGTON	WASHINGTON CO-KAOLIN RD S #3 SL	150-010D MSWL	PUBLIC	2003	1,161,004.00	58.00	262.00	6/3/2020
WASHINGTON	WASHINGTON CO-KAOLIN RD S #3 SL	150-010D MSWL	PUBLIC	2003	92,822.00	32.00	93.00	3/20/2007
JENKINS	JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	082-005D(SL)	PUBLIC	2003	811,824.00	66.00	102.00	4/7/2034
COLUMBIA	COLUMBIA CO-SAMPLE & SON C AND D	036-017D C&D	Private Commercial	2003	1,567,104.00	215.00	326.00	8/27/2018
JEFFERSON	JEFFERSON CO - CR 138 MSWL	081-011D(MSWL)	PUBLIC	2003	1,466,280.00	52.00	103.00	4/26/2055

### **Assurance of 10-Year Capacity**

Warren County's agreement with McDuffie County (to utilize McDuffie County's Transfer Stations for Solid Waste Disposal) is in place for a 3-year period and is subject to annual renewal and review. Warren County and the City of Warrenton both have contracts with Advanced Disposal and those contracts are valid for a three-year period subject to three-year renewals (Camak and Norwood's solid waste is hauled to the county's greenbox locations). Once solid waste is collected in the county, it is hauled to the McDuffie County transfer station. From that point, waste is hauled to the R&B landfill in Banks County. The Chambers R&B landfill in Banks County operates under permit number 006-009D (MSWL) and is not expected to be filled until 2040.

### **Contingency Strategy**

In the event of a natural disaster or other major event that would disrupt disposal efforts, the County's contract would direct waste to one of the contracted hauler's multiple landfills. It would take approximately three to five days to implement an alternate disposal strategy.

### **Assessment of Disposal**

The population of Warren County is experiencing very little growth so it is reasonable to assume that the County's current disposal programs and operations should be adequate for meeting the County's needs during the 10-year planning period.

The Warren County landfill was closed in 1994 and the D&H Rail Transfer Station located in Warren County was closed in 1997. At that time, Warren County entered into an agreement with McDuffie County to transport Warren County solid waste to the McDuffie County transfer station. This has been the most economical option for Warren County's disposal of solid waste generated within the County. This has also been the best option for Warren County in terms of preservation of water quality, historic resources and general health and welfare of its citizens. Therefore, Warren County will continue to export all waste generated within the County to the McDuffie County transfer station and conversely will not accept waste from outside the county by the construction of any new solid waste facilities in Warren County.

### **Statement of Needs and Goals**

Warren County's goal is to ensure that disposal facilities in the region meet regulatory requirements and can continue to support and facilitate effective solid waste handling programs for the next ten years.

- Ensure that the County continues to pursue the State's 25% reduction in the amount of solid waste received at disposal facilities;
- Develop education and awareness programs of recycling, especially of paper and organic waste materials.
- Enter into formal, written agreement with McDuffie County for the use of transfer station.

- Monitor landfill capacity to ensure long-term viability.
- Review and monitor disposal rates of organic and inorganic materials.
- Develop scrap tire cleanup program to encourage proper scrap tire disposal and to enforce current illegal dumping ordinances.

## **6. Education and Public Involvement Element**

### **Introduction**

The purpose of this element of the plan is to provide an inventory and assessment of existing educational programs and public involvement alternatives available in Warren County. Some of the items to be discussed are:

- Local Government Programs
- Solid Waste Advisory Committee
- Clean and Beautiful Program
- School System Programs
- Litter Control Programs
- RDC Programs
- Civic, Environmental, Church Group Programs

### ***Inventory of Public Education and Involvement***

There are currently no active programs in place in Warren County for the purpose of public education or public involvement in the field of solid waste management. This plan and the goals that are a result of this plan will be the first step in implementing such a program.

### ***Assessment of Public Education and Involvement***

As Warren County implements its waste reduction strategies over the next few years, public education and involvement will play a key role in the success or failure of these strategies. In order for the county to meet its reduction goals, it must implement some of the above listed programs. The current lack of public involvement is a hindrance that must be corrected. Participation in the Clean and Beautiful Program or implementation of local school and civic programs will not only be educational, but also provide opportunities for local citizens to participate in County reduction programs.

Because Warren County is more rural than many of the counties in the region, its public education and involvement program is less extensive. Public education, to a great extent will be a "word of mouth" process. The County could benefit from some of the public education resources available in the region and the State. "Word of mouth" education is a means by which each individual citizen can assist in the educational process in Warren County and its cities and is strongly encouraged.

## ***Statement of Needs and Goals***

Warren County's goal with regard to public education and involvement is to ensure that residents and businesses in the region understand the issues, needs, and goals of the solid waste management system. The community needs to work to develop recycling programs and scrap-tire recycling programs throughout the coming years to educate the public about the necessity for recycling and the benefits thereof.

- Educate the County on the importance of continuing to pursue the State's 25% reduction in the amount of solid waste received at disposal facilities;
- Develop education and awareness programs of recycling and reuse, especially of paper and organic waste materials; use DCA's environmental handouts for distribution.
- Actively participate in the Earth 911 project to gain information and educate the public about recycling programs.
- Consider spearheading a regional Keep America Beautiful affiliate which will encourage public involvement and increase public education opportunities.
- Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about recycling and reduction efforts.
- Work with the State's Recycling Coordinator to identify viable education and recycling projects in the county.

## **7. Land Limitation Element**

Maps for many of these criteria can be found within this document.

### ***Inventory of Land Areas***

#### **Flood Prone Areas**

##### ***Inventory***

The Cities of Norwood and Camak, and the unincorporated areas of Warren County, currently do not participate in the National Flood Insurance Program (NFIP). The City of Warrenton does participate in the program, and a portion of the eastern side of Warrenton is located within Zone A of the 100-year flood plain along Golden Creek. NFIP is a federal program which allows property owners within a participating area to purchase federally backed flood insurance. The Federal Emergency Management Agency (FEMA) has mapped flood prone areas of the City of Warrenton based on the 100 year floodplain. This is the national standard on which flood management and NFIP insurance requirements are based. These maps are available to the public through FEMA.

Carefully monitored development in these areas is essential to guarantee both the functional integrity of the floodplains and the safety, health, and property of all Warren County citizens.

### ***Assessment***

No solid waste facility in Warren County, existing or planned, lies or may lie within, an area designated as the 100-year flood plain.

## **Wetlands**

### ***Inventory***

Freshwater wetlands are defined by federal law as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Some examples of wetlands include marshes, swamps, bogs and similar areas. Under natural conditions wetlands help to maintain and enhance water quality by filtering out sediments and other non-point source pollutants from adjacent land uses. In addition to this, they store water and provide habitat for a variety of plant and animal species.

Land uses in wetland areas should be limited to low impact uses such as timber production and harvesting, wildlife and fisheries management, wastewater treatment, and recreation. They are not suitable for solid waste facilities. These land uses as well as others are covered in more detail under Section 404 of the Federal Clean Water Act.

For more information, please refer to DNR's "Criteria for Wetland Protection", pp 10-12 (Appendix A, attached).

### ***Assessment***

No solid waste facility in Warren County, existing or planned, lies or may lie within a freshwater wetland area. Therefore, they pose no threat to the integrity of these wetland areas.

## **Aquifer Recharge Areas**

### ***Inventory***

Recharge is the process by which precipitation infiltrates soil and rock to add to the volume of water stored in pores and other openings within them. Aquifers are soils or rocks that yield water to wells. Infiltration and recharge takes place in virtually all soils to some degree. The rate or amount of recharge varies however depending on geologic conditions of the area.

The water supply in Warren County comes from both surface and ground water sources. Warren County is served by the Cretaceous aquifer system. This system is primarily a system of sand and gravel is the major source of subsurface water in east central Georgia. Unincorporated Warren County as well as the City of Norwood are totally dependent on ground water sources for their water supply. The City of Camak purchases its water from the City of Warrenton. In addition, Warren County is currently developing and implementing plans to provide water to residents in the western part of the county through a distribution system that will tie directly into the McDuffie County/Thomson water system.

The Georgia Department of Natural Resources has mapped all of the recharge areas in the state which are likely to have the greatest vulnerability to pollution of groundwater from surface and near surface activities of man. Development in these areas should be limited to very low impact development in which little to no area is covered with impervious surfaces such as roads, parking lots and building pads. The sub-surface integrity of these areas should also be maintained by avoiding development that may contaminate water supplies (i.e. landfills). For more information, please refer to DNR's "Criteria for Protection of Groundwater Recharge Areas" (Appendix A, attached).

### ***Assessment***

In order to preserve the existing level of water quality in Warren County and therefore, continue to provide the citizens of Warren County, Warrenton, Norwood and Camak with an adequate, in both quantity and quality, potable water supply, no solid waste facility shall be located within two (2) miles of any aquifer recharge area in Warren County.

### **Water Quality and Water Supply Watersheds**

Unincorporated Warren County and the City of Norwood depend entirely on subsurface water sources for their potable water supply. The City of Warrenton, however, depends on a surface water intake located just west of the City of Warrenton. Because the City of Camak purchases its water from Warrenton, Camak also relies on a surface water intake facility.

No solid waste facilities, existing or planned, lie within or may lie within the City of Warrenton's water supply watershed or any water supply watershed in adjacent municipalities. For this reason, they pose no threat to these environmentally sensitive areas.

### **Water Quality Preservation**

#### ***Inventory***

Warren County currently enjoys a high level of water quality within the County. In order to preserve the existing level of water quality in the county, and to reduce any future costs of maintaining adequate water quality and/or meeting water quality standards, no solid waste facilities shall be located within wetlands, water supply watersheds or floodplains within Warren County.

#### ***Assessment***

No solid waste facilities shall be located within two (2) miles of any aquifer recharge area within Warren County, and no solid waste facilities shall be located in any HUC 12 watersheds containing an impaired waterbody as listed on the most recent Environmental Protection Agency's (EPA) 305(b)/303(d) list or within two (2) miles of any such watershed.

## **Land Use Factors**

### **Land Use Plan/Zoning Restrictions**

#### *Inventory*

There are currently no land use codes, plans, or zoning ordinances in effect in Warren County or the Cities of Camak or Norwood. The City of Warrenton has implemented zoning and land use regulations which must be consulted in regards to solid waste management facilities and/or practices for projects within Warrenton's city limits. As required by the Georgia Planning Act of 1989 (HB 215), Warren County and its incorporated cities do have a Comprehensive Land Use Plan in place.

#### *Assessment*

Based on projected population increases for Warren County through 2014, the required Comprehensive Land Use Plan should be adequate for controlling growth patterns in the county. Zoning may become necessary within the next 10 years in Warren County to protect land uses and to ensure that encroaching and incompatible land uses do not occur. For the purposes of this plan, there are currently no conflicting land use or zoning documents in effect.

### **Heavily Developed Areas/Transportation Corridor**

#### *Inventory*

Warren County is a very rural county. The most heavily developed areas are the three incorporated areas, Warrenton, Camak, and Norwood. Outside of these areas, development is very limited. Interstate I-20 runs through the northern portion of the county and there are three (3) interchanges on I-20 in Warren County.

#### *Assessment*

While the county is rural in nature, future development along Interstate I-20 is expected. Additionally, the county has identified areas around the interchanges as prime economic development areas and expects future business and economic growth to occur in those areas. As a result, no landfill or solid waste transfer facility may be located within a two (2) mile radius around each of the county's I-20 interchanges.

### **Three Mile Distance from a National Historic Site Inventory**

#### *Inventory*

The Warren County Courthouse, (in Warrenton) is on the National Register of Historic Places in Warren County. The location of this site as well as a circle representing a three mile radius from the site is included on one of the attached maps. No landfill or solid waste transfer facility may be located within a three (3) mile radius around the County Courthouse.

### ***Assessment***

Warren County has made large investments in the marketing of its rich history. This history is reflected in the many historic sites within Warren County. In order to protect these investments and maintain the marketability of historic Warren County, no solid waste landfill or solid waste transfer facility shall be located within three miles of any historic site within Warren County. These historic sites are located on the map attached. While these sites may or may not be on the National Register of Historic Places, they are all utilized by Warren County when marketing the historic resources Warren County has to offer.

### **Proximity to Airports**

#### ***Inventory***

There are currently no Airports in Warren County. The closest airport to Warren County is located approximately 12 miles northeast in McDuffie County. No landfill or solid waste transfer facility may be located with a two (2) mile radius of any airport.

#### ***Assessment***

Proximity to airports is currently not a significant land limitation factor in Warren County. The county currently does not have a demand for an airport facility during the solid waste planning period.

### **Jurisdictional Boundaries**

#### ***Inventory***

Warren County is bordered by McDuffie, Wilkes, Taliaferro, Hancock, Glascock and Jefferson Counties.

#### ***Assessment***

Until any multi-jurisdictional agreements are made between Warren County and its neighboring counties, solid waste facilities should be located in such a way as to not be a detriment to these other jurisdictions. The county respects the siting criteria adopted by its neighboring counties. Because of the rural atmosphere of Warren County, and the ample supply of open land, this development criteria should not pose a problem for the county so long as any development does not conflict with a neighboring jurisdiction's siting criteria.

### **Access**

#### ***Inventory***

There are no operational landfills in Warren County. Any future landfills would need to be sited on an easily accessible parcel of land with direct road access that does not interfere with rail system operations. The highway system in Warren County is generally well maintained and covers all areas of the county.

***Assessment***

Access does not present a major hurdle in Warren County. Most parcels in the county are easily accessible by road and the roads, while not all paved, are maintained in good condition.

**Ogeechee Wildlife Management Area**

***Inventory***

The Ogeechee Wildlife Management Area is 24,000 acres of undeveloped land covering portions of Warren, Washington and Hancock Counties. This area offers protection for the Ogeechee River as well as serving as an attraction for hunting, fishing, canoeing, hiking and camping.

***Assessment***

Due to its importance to Warren County both environmentally and economically, no solid waste facility, landfill, or solid waste transfer facility shall be located within two (2) miles of any portion of the Ogeechee Wildlife Management Area.

**Maps on the following pages delineate many of the areas covered by the above criteria as of the adoption date of this plan.**

## **Landfill Suitability Maps**

# Warren County Solid Waste Management Plan Areas Not Suitable for Landfills or Solid Waste Facilities

**Legend**

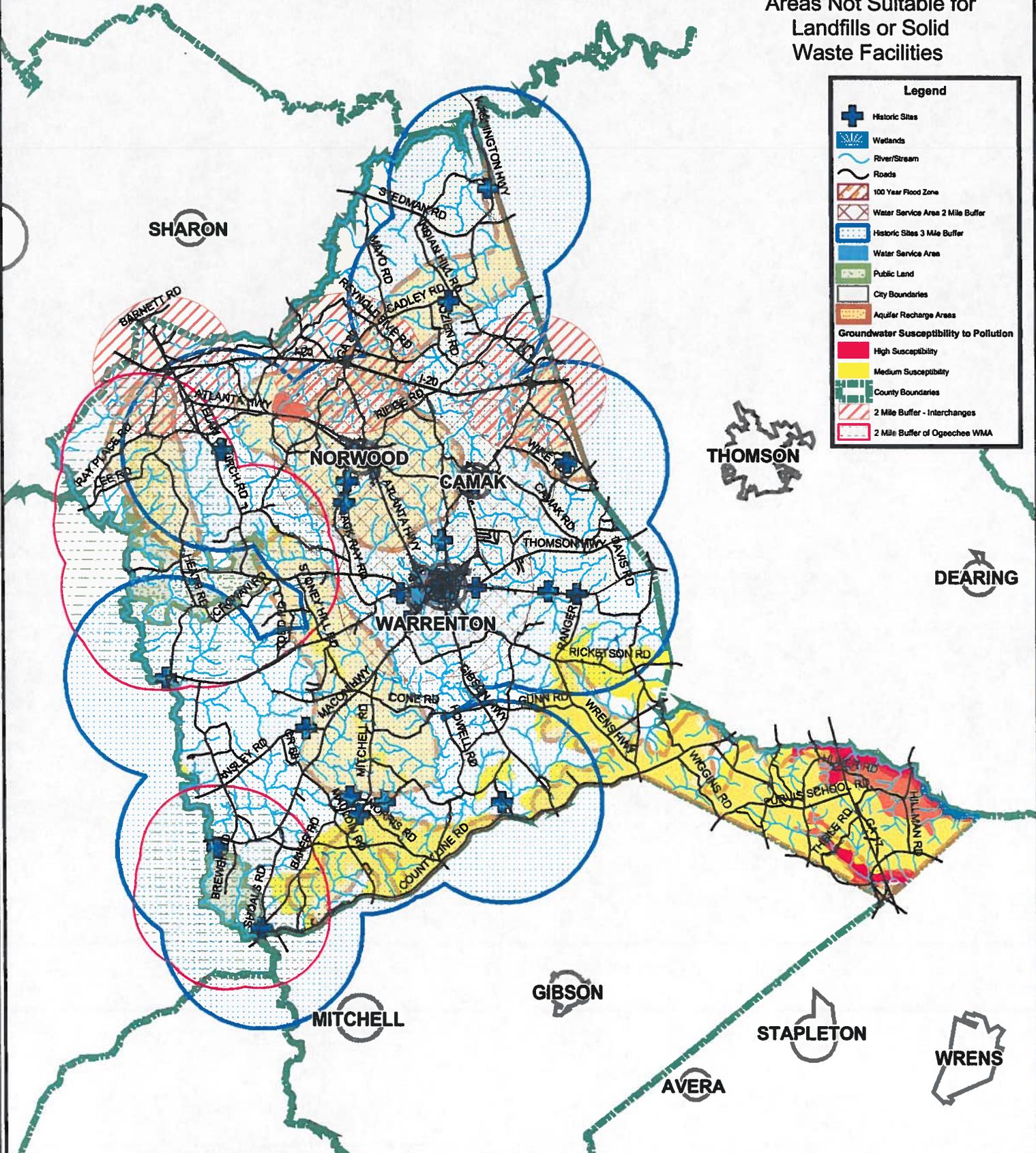
-  Historic Sites
-  Wetlands
-  River/Stream
-  Roads
-  100 Year Flood Zone
-  Water Service Area 2 Mile Buffer
-  Historic Sites 3 Mile Buffer
-  Water Service Area
-  Public Land
-  City Boundaries
-  Aquifer Recharge Areas

**Groundwater Susceptibility to Pollution**

-  High Susceptibility
-  Medium Susceptibility

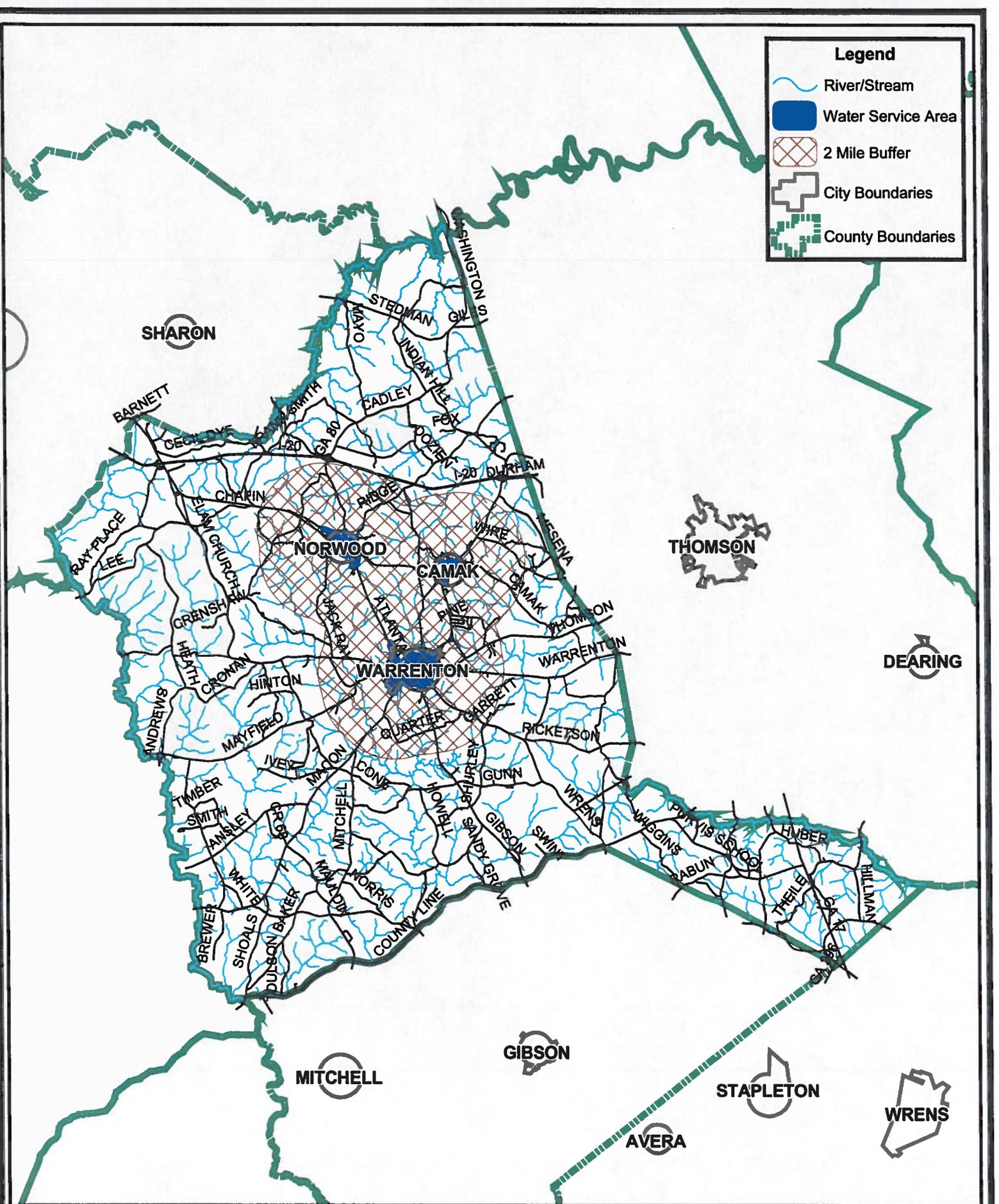
**Other Symbols**

-  County Boundaries
-  2 Mile Buffer - Interchanges
-  2 Mile Buffer of Ogeechee WMA



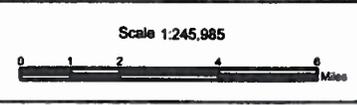
**Legend**

-  River/Stream
-  Water Service Area
-  2 Mile Buffer
-  City Boundaries
-  County Boundaries



CSRA Regional Development Center  
 3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2018  
 706.210.2000  
 fax 706.210.2006  
 www.augusta.org  
 Map Created: June 2004

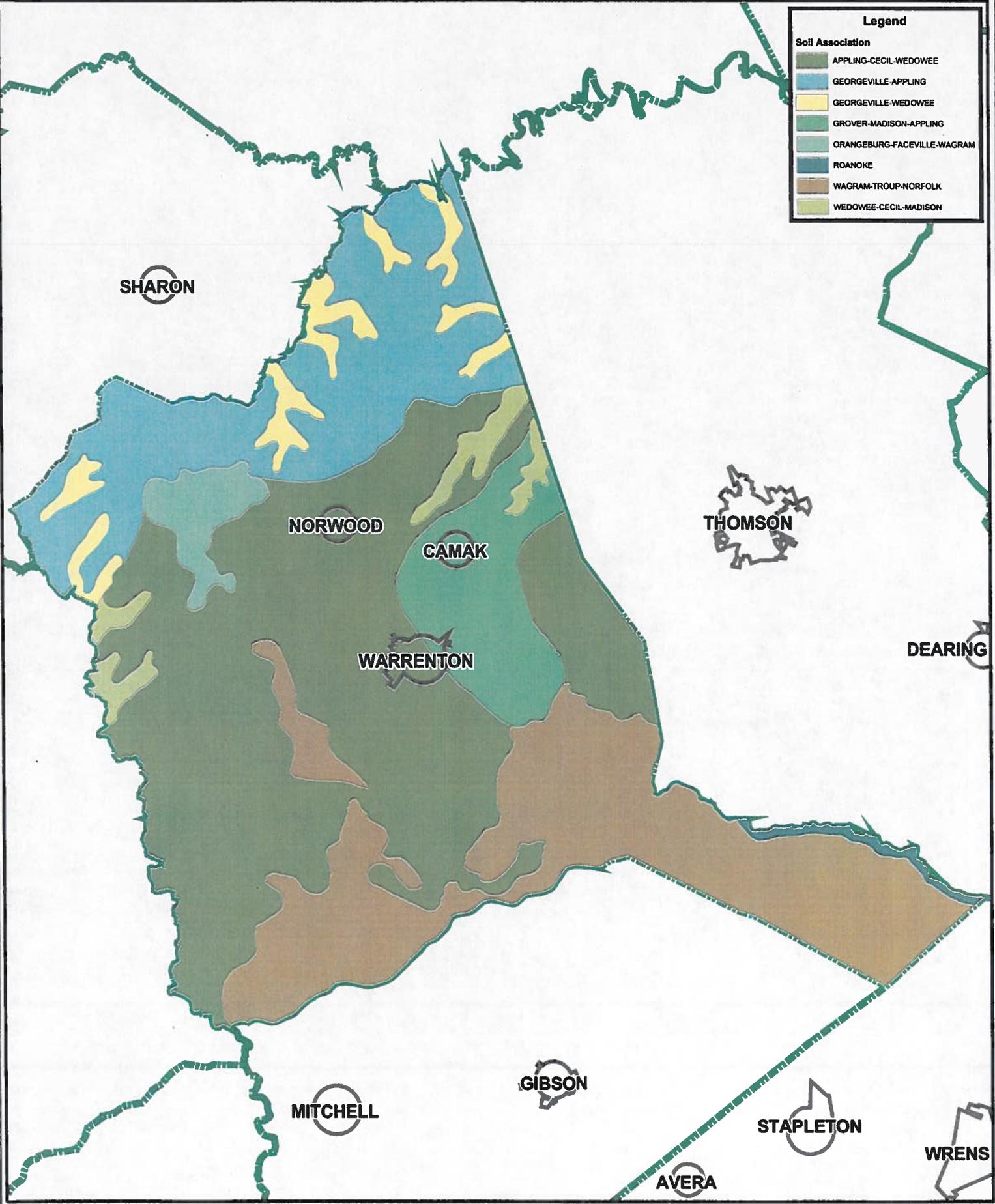
**Warren County**  
 Solid Waste Management Plan



**Legend**

**Soil Association**

- APPLING-CECIL-WEDOWEE
- GEORGEVILLE-APPLING
- GEORGEVILLE-WEDOWEE
- GROVER-MADISON-APPLING
- ORANGEBURG-FACEVILLE-WAGRAM
- ROANOKE
- WAGRAM-TROUP-NORFOLK
- WEDOWEE-CECIL-MADISON



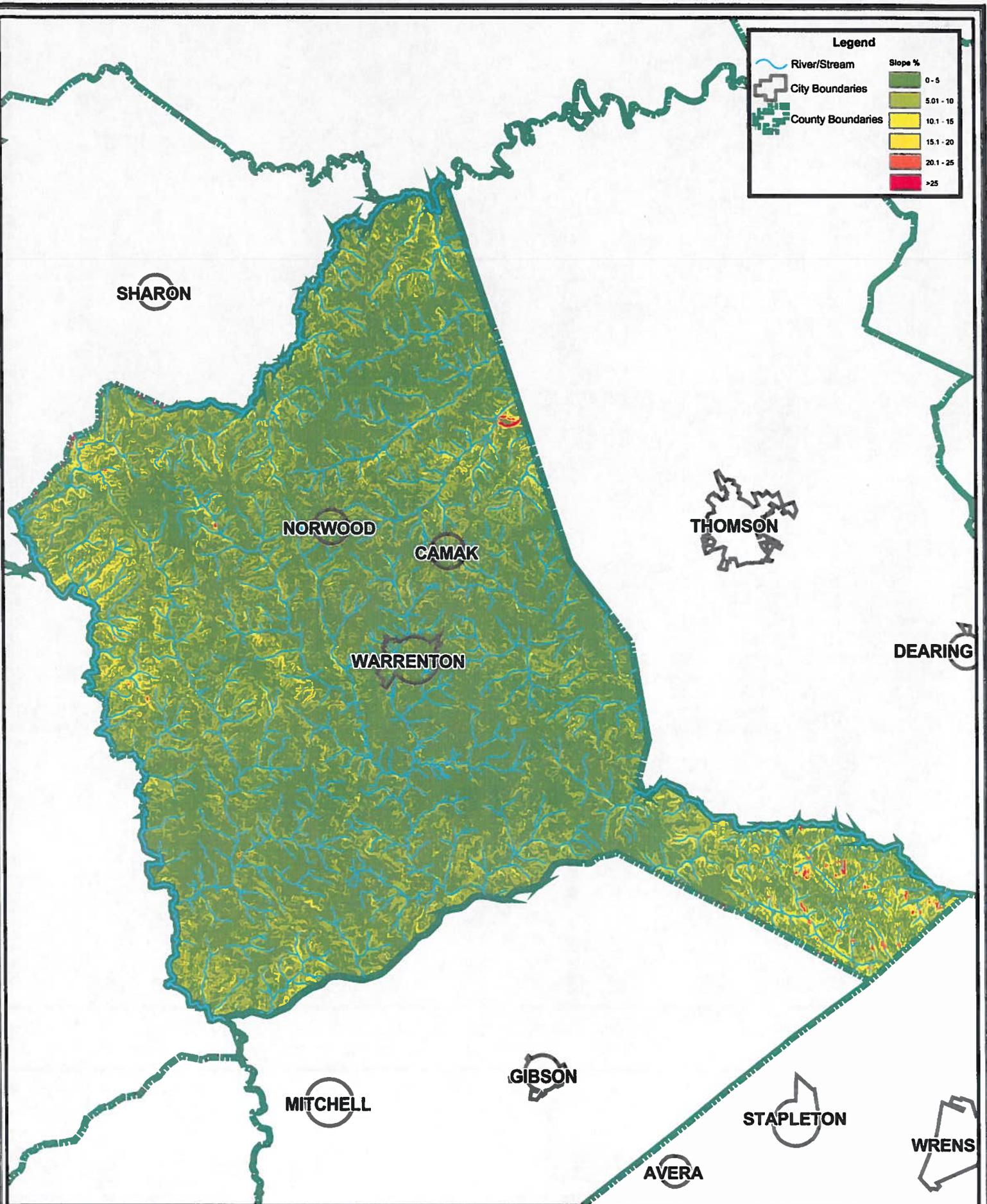
CSRA Regional Development Center  
 2023 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2016  
 706.210.2000  
 fax 706.210.2006  
 www.csrarc.org  
 Map Created June 2004

**Warren County**  
 Solid Waste Management Plan



**Legend**

	River/Stream		Slope %
	City Boundaries		0 - 5
	County Boundaries		5.01 - 10
			10.1 - 15
			15.1 - 20
			20.1 - 25
			>25



SHARON

NORWOOD

CAMAK

WARRENTON

THOMSON

DEARING

MITCHELL

GIBSON

AVERA

STAPLETON

WRENS



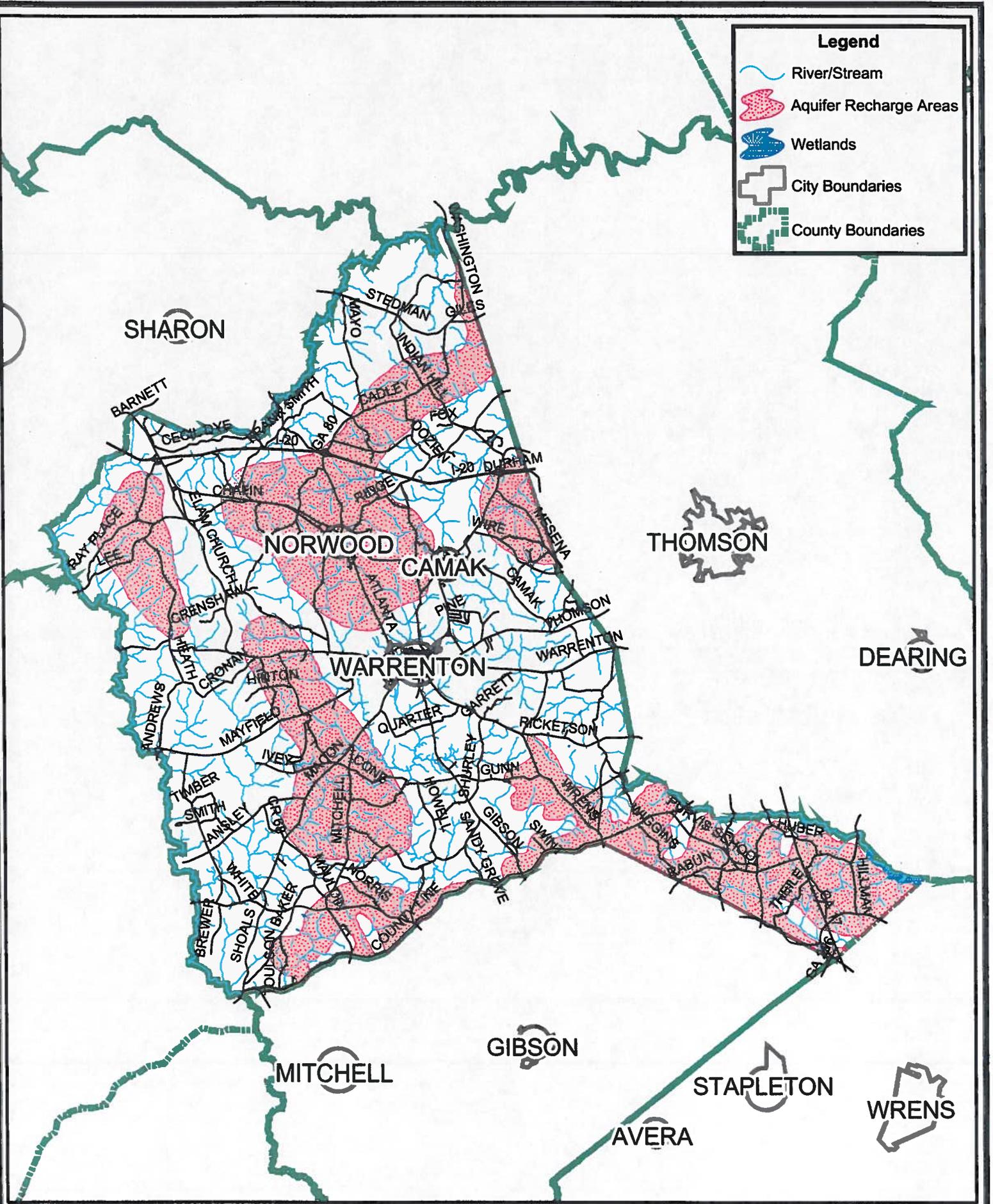
CSRA Regional Development Center  
 3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2018  
 706.744.2000  
 fax 706.744.2008  
 www.csrardc.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



**Legend**

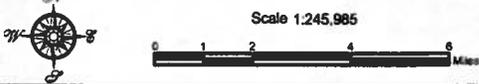
-  River/Stream
-  Aquifer Recharge Areas
-  Wetlands
-  City Boundaries
-  County Boundaries



CSRA Regional Development Center  
 3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30607-2016  
 706.210.2000  
 fax 706.210.2008  
 www.csrarc.org  
 Map Created: June 2004

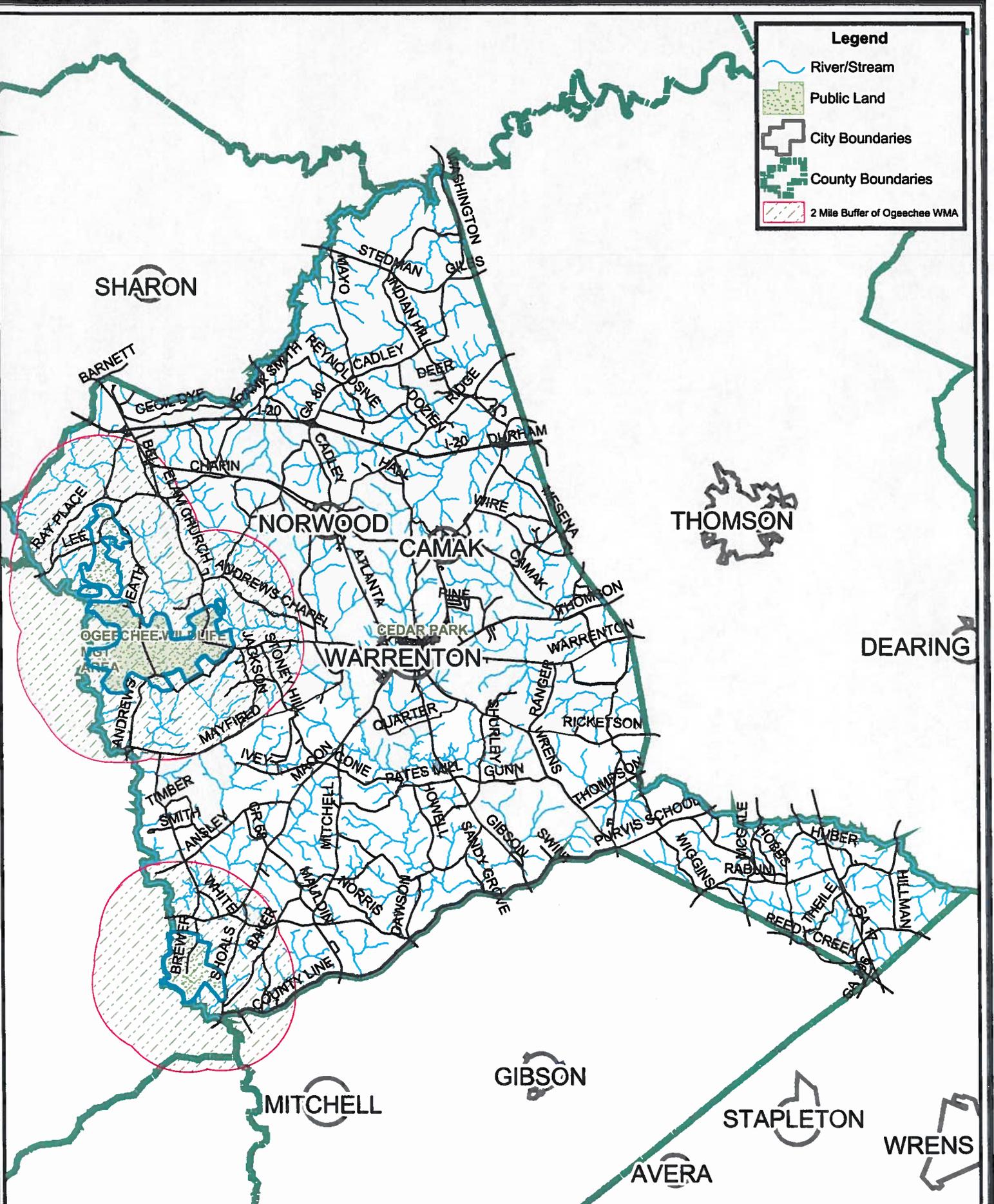
**Warren County**  
 Solid Waste Management Plan

Scale 1:245,985



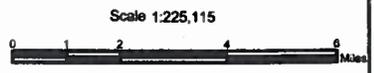
**Legend**

-  River/Stream
-  Public Land
-  City Boundaries
-  County Boundaries
-  2 Mile Buffer of Ogeechee WMA



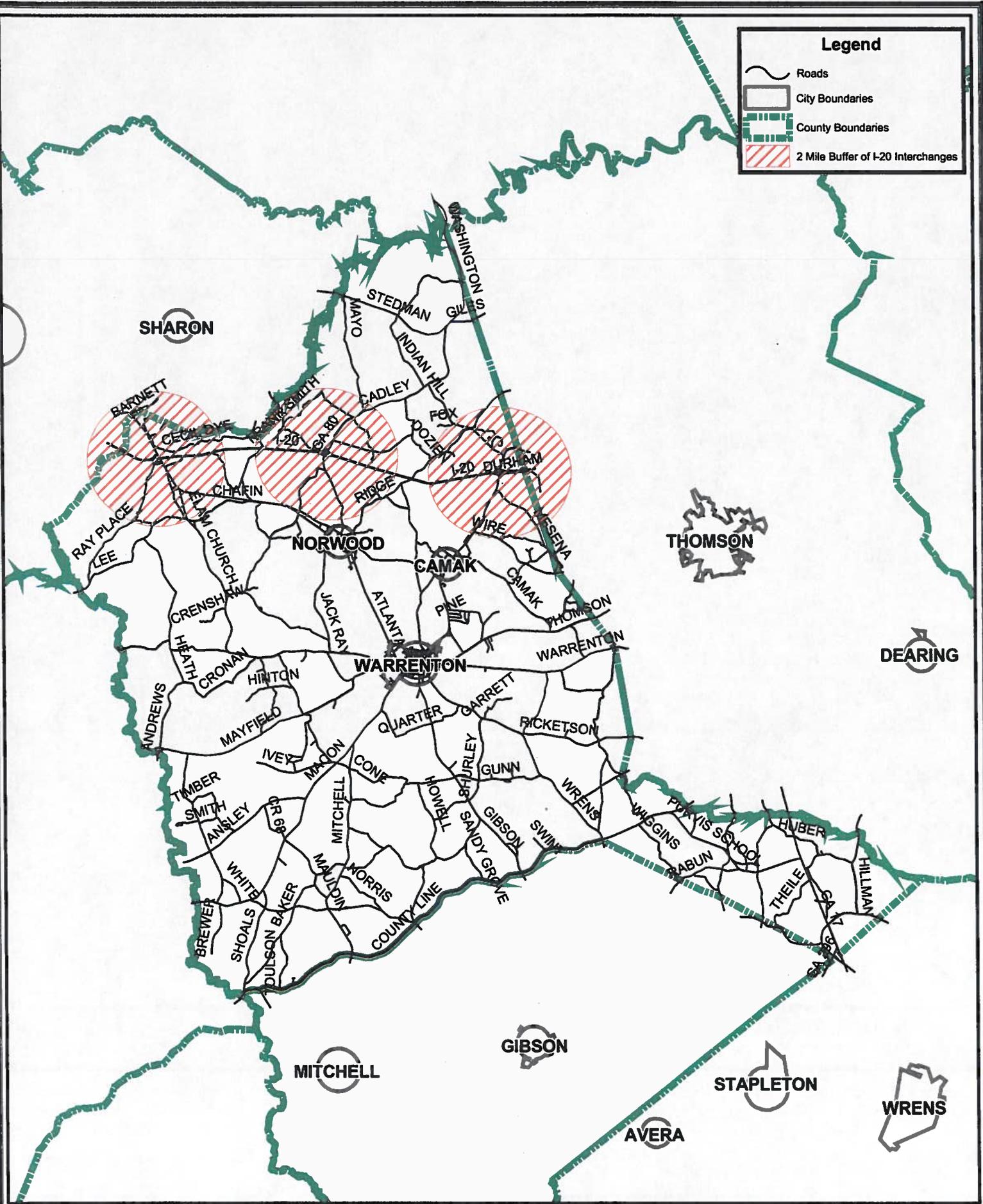
CSRA Regional Development Center  
 3823 Abernethy Parkway, Suite A  
 Augusta, GA 30907-2018  
 706.218.2000  
 fax 706.218.2058  
 www.csrardc.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



**Legend**

-  Roads
-  City Boundaries
-  County Boundaries
-  2 Mile Buffer of I-20 Interchanges



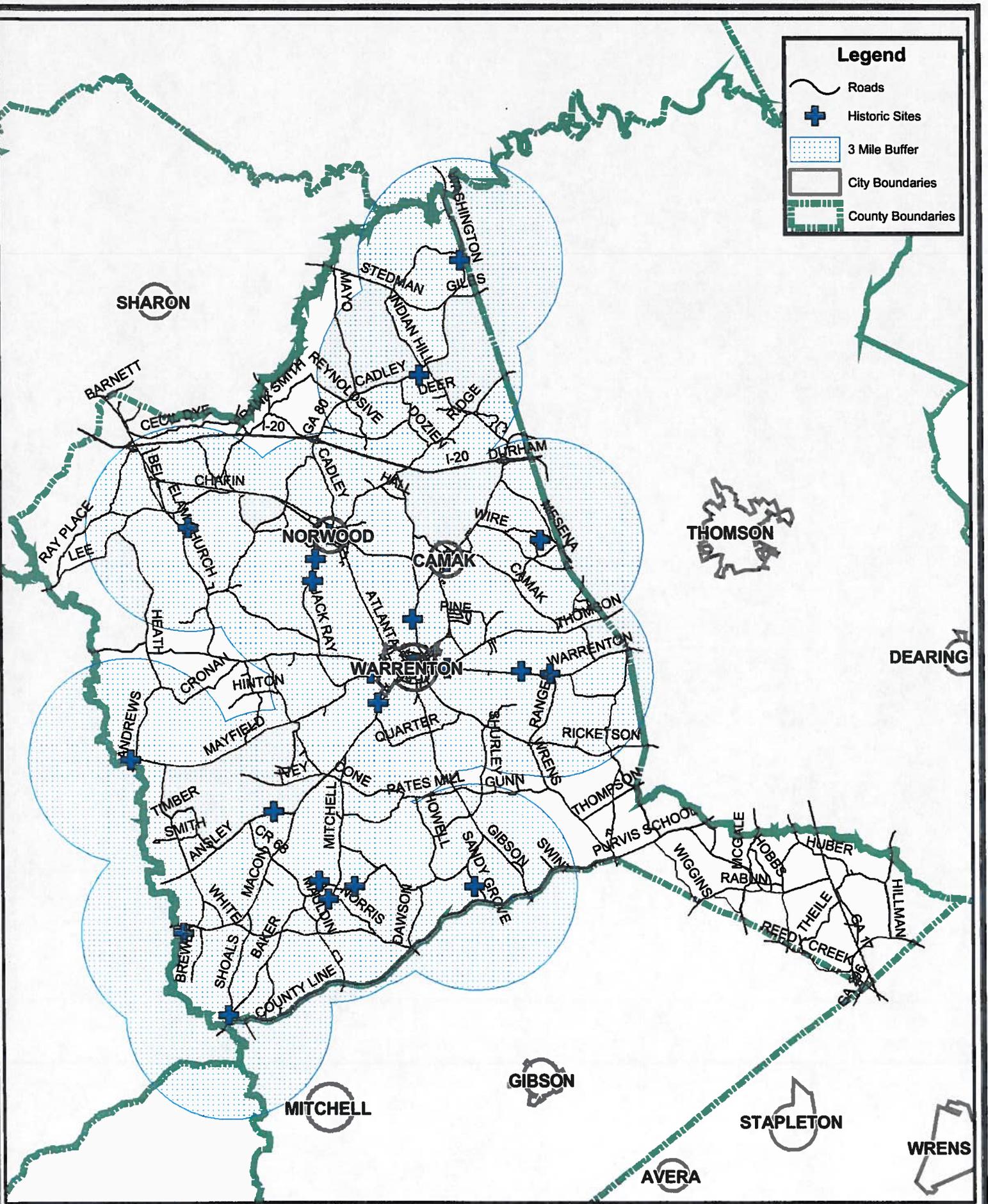
**CSRA Regional Development Center**  
 3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30807-2018  
 706.210.2000  
 fax: 706.210.2009  
 www.csradc.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



**Legend**

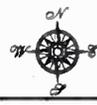
-  Roads
-  Historic Sites
-  3 Mile Buffer
-  City Boundaries
-  County Boundaries



CSRA Regional Development Center  
 3025 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2016  
 706.710.2000  
 Fax: 706.710.2009  
 www.csrarc.org  
 Map Created: June 2004

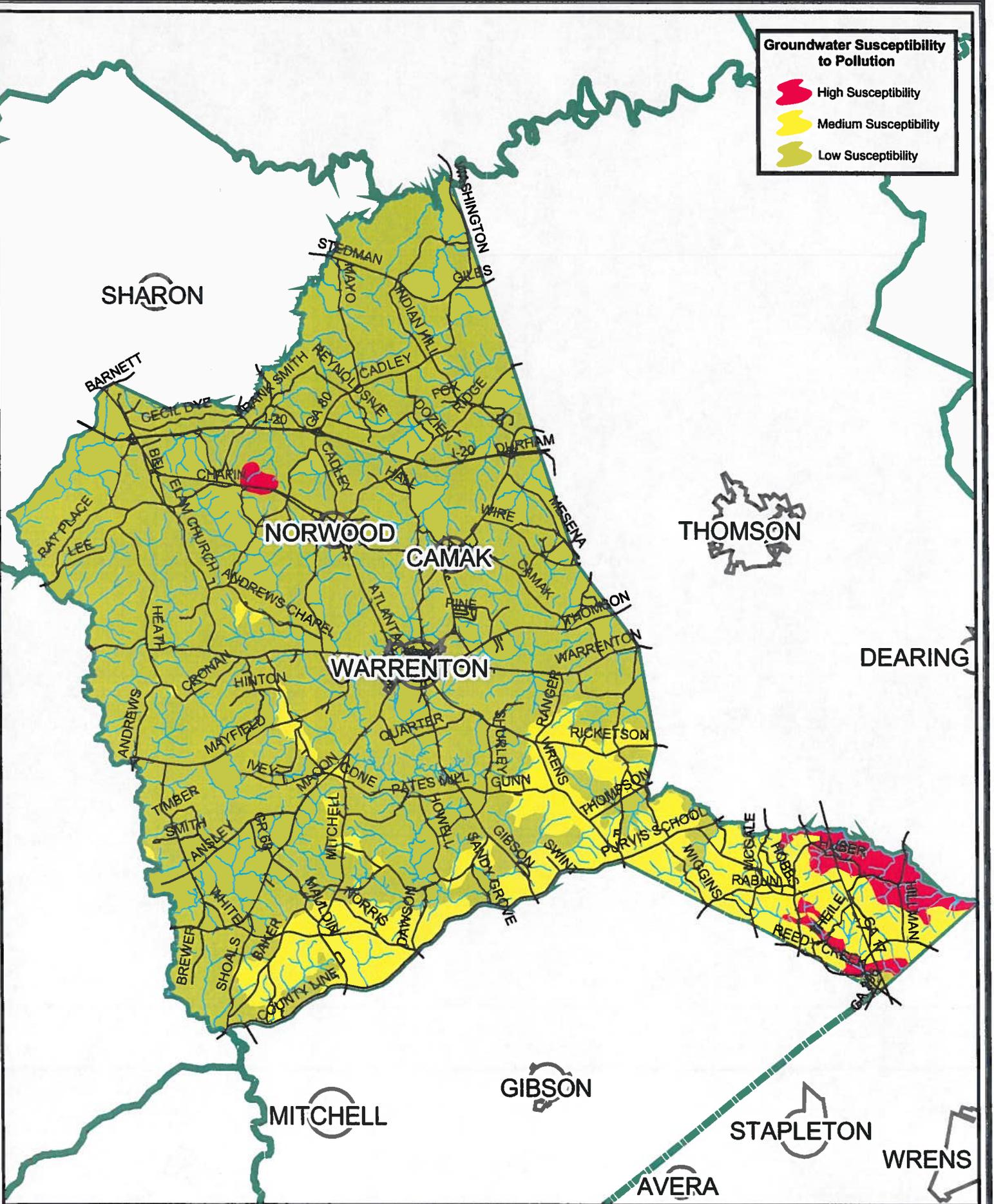
## Warren County

### Solid Waste Management Plan



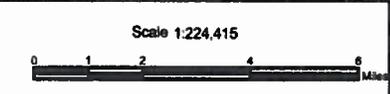
**Groundwater Susceptibility to Pollution**

-  High Susceptibility
-  Medium Susceptibility
-  Low Susceptibility



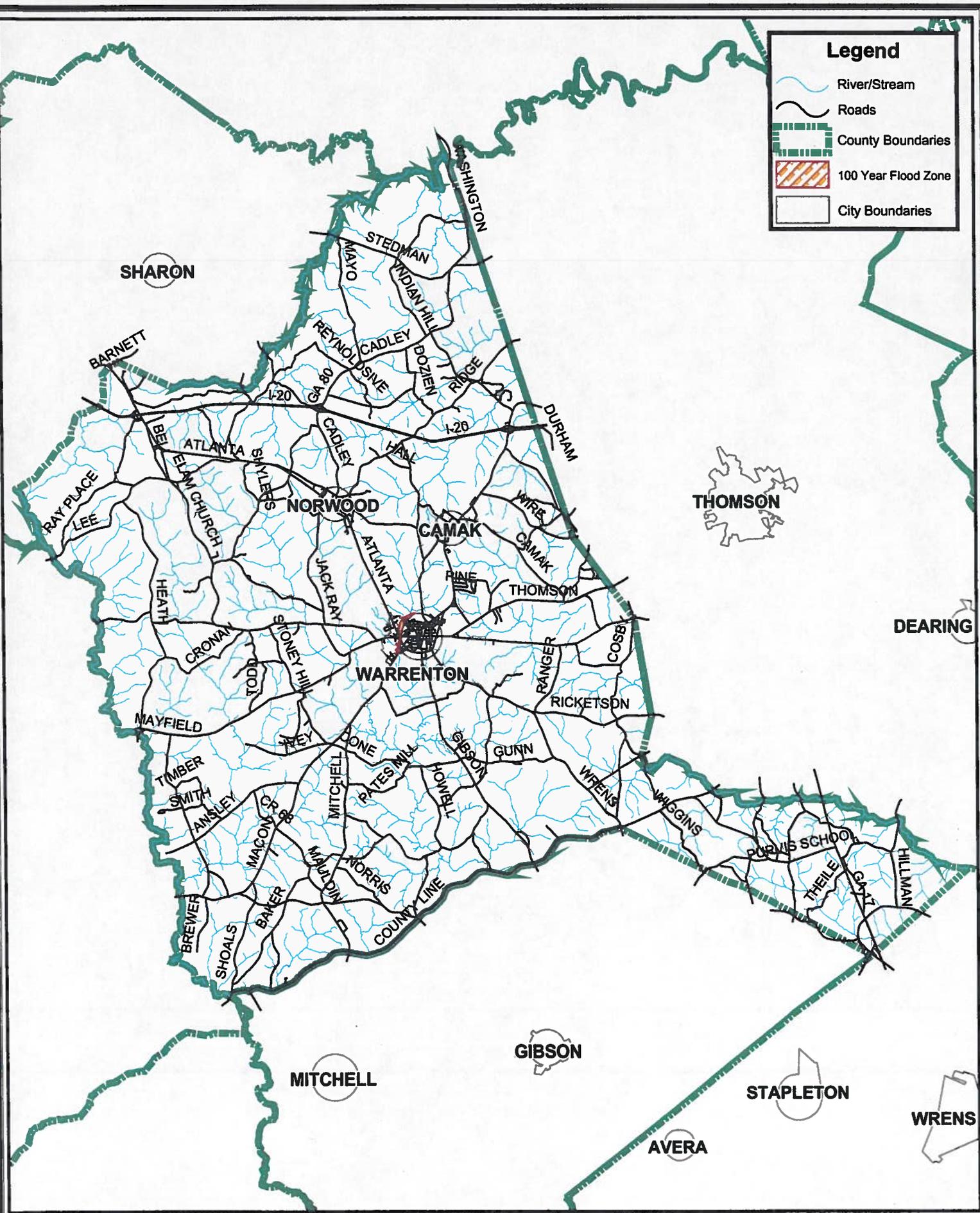
CSRA Regional Development Center  
 3035 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2016  
 706.293.2000  
 fax 706.218.2000  
 www.csrarc.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



**Legend**

-  River/Stream
-  Roads
-  County Boundaries
-  100 Year Flood Zone
-  City Boundaries



CSRA Regional Development Center

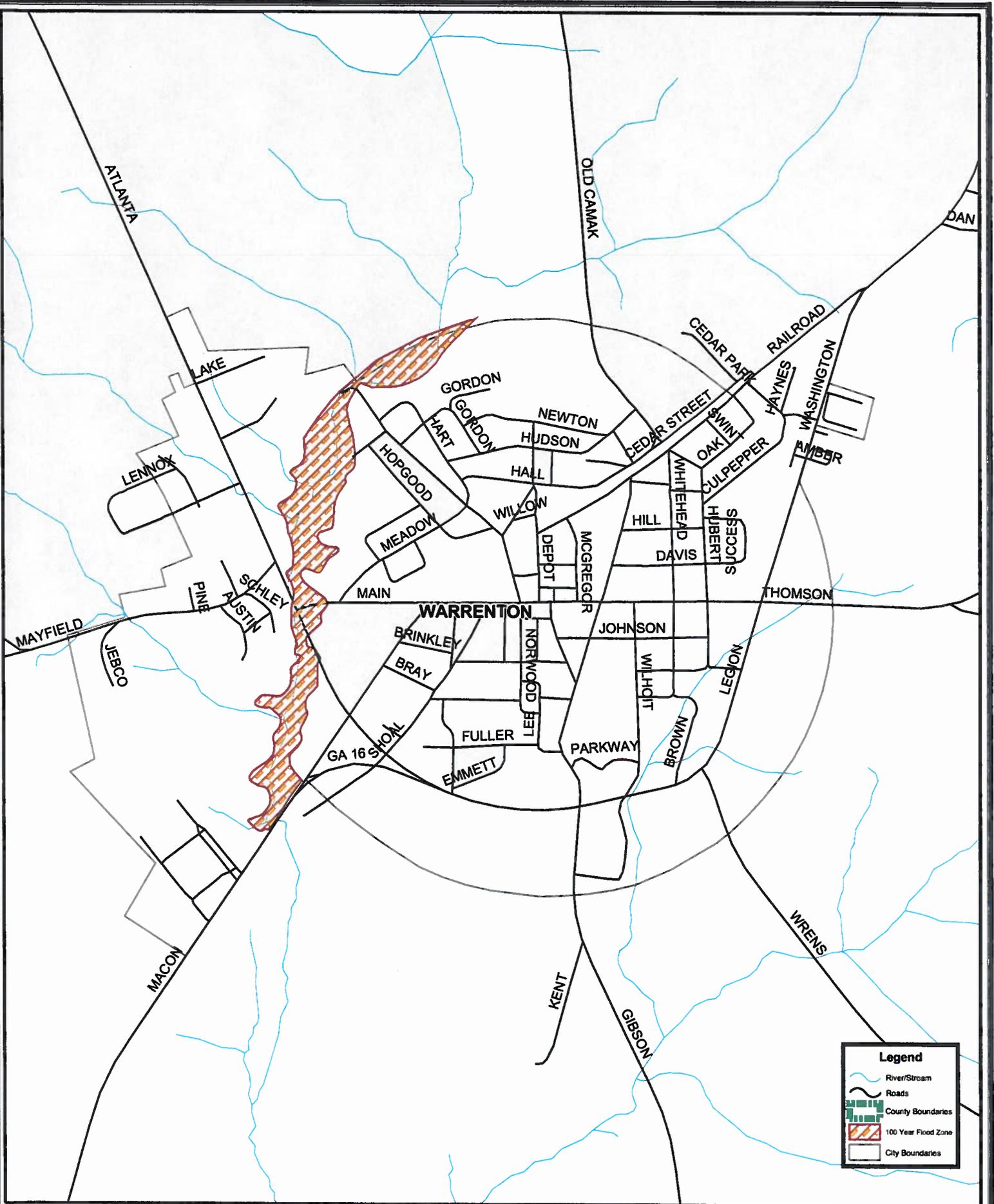
3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30907-2016  
 706.210.2000  
 fax 706.210.2006  
 www.csaeric.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



Scale 1:227,046





**Legend**

- River/Stream
- Roads
- County Boundaries
- 100 Year Flood Zone
- City Boundaries



CSRA Regional Development Center  
 3023 Riverwatch Parkway, Suite A  
 Augusta, GA 30807-7016  
 TOL 210.2000  
 FAX 706.210.2008  
 www.csradc.org  
 Map Created: June 2004

**Warren County**  
 Solid Waste Management Plan



Scale 1:18,209  
 0 0.045 0.09 0.18 0.27 Miles

**Table 5-16**  
**Landfill Suitability Criteria**

	<b>Criteria</b>	<b>Type</b>
<b>Water Protection (Geotechnical)</b>	Major Fault Zone	Exclusionary
	Public Drinking Water Sources	Exclusionary
	Hydrologically Sensitive Area	Ranked
	Private Drinking Water Wells	Ranked
	Lakes, Rivers, and Creeks	Exclusionary
	Floodplains	Exclusionary
	Wetlands	Exclusionary and Ranked
	Steep Areas	Exclusionary
<b>Land Use</b>	Airports	Exclusionary
	Nonparticipating County Borders	Exclusionary
	Public Lands and Parks	Exclusionary
	Population Density	Exclusionary and Ranked
	Historic and Key Archaeological Sites	Ranked
	Biological/Rare Element Sites	Ranked
<b>Host Community Concerns</b>	Existing Pollution Sources	Ranked

***Procedures for Siting Solid Waste Facilities***

Any entity requesting a renewal or issuance of a solid waste handling permit from EPD must demonstrate that the facility or facility expansion is consistent with the local government’s solid waste management plan. Chapter 391-3-4 of the Georgia Department of Natural Resources’ Environmental Protection Division relates to Solid Waste Management in Georgia. 391-3-4.05 deals specifically with the siting criteria associated with siting landfills and/or solid waste transfer facilities. In addition to the criteria set forth under DNR’s regulations, the county will also use the following criteria to determine whether the issuance of the requested permit is consistent with the Solid Waste Management Plan:

- Determine whether the proposed facility or facility expansion is sited in an area deemed unsuitable according to one of the criteria list above (examples include, but are not limited to: in groundwater recharge areas; in the Ogeechee Wildlife Management Area; located within two miles of a municipal water supply; on soils poorly suited for development; on slopes of greater

than 25 percent; in area that do not have easy accessibility to transportation networks; on urban or built up lands; on or around water bodies or wetlands; or on federal, state, or public lands; within 2 miles of an interchange on I-20; in compliance with neighboring jurisdiction's siting criteria).

- Determine whether the proposed facility or facility expansion is sited in a location that is consistent with any local zoning ordinances.
- Determine whether the proposed facility or facility expansion negatively impacts other natural or cultural resources of the County.
- Determine whether the proposed facility or facility expansion negatively impacts the current solid waste management infrastructure of the County;
- Determine whether the proposed facility or facility expansion negatively impacts collection capability and disposal capacity identified in the Plan.
- Determine whether the proposed facility or facility expansion negatively impacts the County's ability to contribute to the State's 25 percent waste reduction goal.
- Determine whether the proposed facility or facility expansion negatively impacts the financial viability of the County's solid waste management system.

No proposed facility or facility expansion will be sited in the County without a letter from the County Commission stating that the facility is consistent with the Solid Waste Management Plan. The County Commission will hold at least one public hearing to gather input to make this determination.

### ***Assessment of Land Limitation***

Based on the siting criteria noted above, approximately 90 percent of the land area in Warren County is considered unsuitable or of limited suitability for siting a landfill or solid waste transfer facility. The procedure described above, once put into place, will help ensure that facilities sited in the County are consistent with this Plan.

### ***Needs and Goals***

The County's goal for land limitation is to ensure that proposed solid waste handling facilities are compatible with surrounding areas and are placed in areas suitable for such developments;

- Continue to perform monitoring of land uses;
- Monitor closed landfill as required;
- Enforce jurisdictional ordinances through code enforcement program.

## 8. Implementation Strategies

### ***Summary of County Need and Goals***

Warren County has established the following needs and goals as part of its Solid Waste Management Plan:

- To ensure efficient and effective collection of solid waste in the County over the next ten years.
- To contribute to the statewide goal of 25 percent per capita reduction in the amount of solid waste disposed.
- To ensure that disposal facilities in the region meet regulatory requirements and can continue to support and facilitate effective solid waste handling programs for the next ten years.
- To ensure that residents and businesses in the region understand the issues, needs, and goals of the solid waste
- To ensure that proposed solid waste handling facilities are compatible with surrounding areas and are placed in areas suitable for such developments.
- To achieve a balanced and affordable solid waste management plan implementation strategy, while also meeting the goals and requirements of state law.

### ***Statement/Demonstration of 10-Year Collection Capability***

Warren County has an agreement with Advance Disposal to transport Warren County solid waste to the McDuffie County transfer station. Additionally, since 1994, the county has had an unwritten agreement with McDuffie County to allow the county to utilize the McDuffie County transfer station (and McDuffie County subsequently bills Warren County for the amount of waste transferred at the site). This has been the most economical option for Warren County's disposal of solid waste generated within the County and has served the county well over the past 10 years. This has also been the best option for Warren County in terms of preservation of water quality, historic resources and general health and welfare of its citizens. Therefore, Warren County will continue to export all waste generated within the County to the McDuffie County transfer station and conversely will not accept waste from outside the county by the construction of any new solid waste facilities in Warren County.

### ***Statement/Demonstration of 10-Year Disposal Capacity***

Warren County's disposal capacity is assured for the next 10 years through its agreement with McDuffie County. Warren County's agreement with McDuffie County (to utilize McDuffie County's Transfer Stations for Solid Waste Disposal) is in place for a 3-year period and is subject to annual renewal and review. Warren County and the City of Warrenton both have contracts with Advance Disposal and those contracts are valid for a three-year period subject to three-year renewals (Camak and Norwood's solid waste is hauled to the county's greenbox locations). Once solid waste is collected in the county, it is hauled to the McDuffie County transfer station. From that point, waste is hauled to the R&B landfill in Banks County. The Chambers R&B landfill in Banks County operates under permit number 006-009D(MSWL) and

is not expected to be filled until 2040.

### ***Short Term Work Program (Implementation Strategy)***

The Implementation Strategy for each jurisdiction covered under this Solid Waste Management Plan is attached and outline the proposed activities to meet the goals and objectives of this plan. The first five years of the Implementation Strategy will serve as the first Short-Term Work Program. The second half of the Implementation Strategy will be updated in accordance with the planning schedule established and revised from time to time by the Department of Community Affairs.

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### ***Appendix***

- A. Implementation Strategy
- B. Local Government Transmittal Resolutions
- C. Capacity Letters
- D. City of Warrenton Sanitation Collection Agreement

# APPENDIX A

## SWMP IMPLEMENTATION STRATEGY

**Warren County, Cities of Camak, Norwood, and Warrenton  
Solid Waste Management Plan Implementation Strategy 2005-2014**

ACTIVITY	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Responsible Party	Cost	Funding Source
<b>Waste Reduction Element</b>													
1 Continue to pursue State's 25% reduction in solid waste goals.	X	X	X	X	X	X	X	X	X	X	Cities/County/ County Extension Office	N/A	N/A
2 Develop education and awareness of recycling programs and opportunities for paper and organic waste materials.	X	X	X	X	X	X	X	X	X	X	Cities/County/ County Extension Office	N/A	N/A
3 Develop sustainable waste reduction programs to continue through the 10 year planning cycle.	X	X	X	X	X	X	X	X	X	X	Cities/County/ County Extension Office	N/A	N/A
4 Work with other state agencies to develop a Scrap Tire Cleanup Program to educate, clean up and prevent scrap tires within the county.	X			X			X			X	County	\$75,000	DNR Scrap Tire Grant
5 Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about environmental issues.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A
6 Work with the State's Recycling Coordinator to identify viable recycling projects in the county in coming years.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A
7 Consider developing a regional recycling program.	X	X	X	X	X	X	X	X	X	X	Cities/County/RDC	\$30,000	Grants/ Cities/ County
8 Consider developing a county-wide mulching operation to reduce yard trimmings going into the inert landfill and MSW landfill.	X	X	X	X	X	X	X	X	X	X	Cities/County	\$15,000	Cities/ County
<b>Collection Element</b>													
1 Continue to maintain and purchase solid waste equipment needed to properly operate solid waste collection efforts.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A
2 Identify viable collection methods and implement efficiency methods when feasible.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A
3 Evaluate collection efforts periodically to determine whether changes are needed.	X		X		X		X		X		Cities/County	N/A	N/A
4 Research existing greenbox system and determine if changes are needed.			X		X		X		X		Cities/County	\$50,000	County/ GEFA
5 Consider collecting yard trimmings or even providing an area for yard trimmings drop off.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A

**Warren County, Cities of Camak, Norwood, and Warrenton  
Solid Waste Management Plan Implementation Strategy 2005-2014**

ACTIVITY	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Responsible Party	Cost	Funding Source
<b>Disposal Element</b>													
1. Ensure that the County continues to pursue the State's 25% reduction in the amount of solid waste received at disposal facilities.	X	X	X	X	X	X	X	X	X	X	Cities/County, Extension Office	N/A	N/A
2. Develop education and awareness programs of recycling, especially of paper and organic waste materials.	X	X	X	X	X	X	X	X	X	X	Cities/County, Schools, Extension Office	N/A	N/A
3. Enter into formal, written agreement with McDuffie County for the use of transfer station.	X			X						X	County	N/A	N/A
4. Monitor landfill capacity to ensure long-term viability.		X		X				X		X	County	N/A	N/A
5. Review and monitor disposal rates of organic and inorganic materials.	X	X	X	X	X	X	X	X	X	X	Cities/County	N/A	N/A
6. Develop scrap tire cleanup program to encourage proper scrap tire disposal and to enforce current illegal dumping ordinances.	X			X			X			X	County	\$75,000	DNR Scrap Tire Grant
<b>Land Limitation Element</b>													
1. Continue to perform monitoring of land uses.	X	X	X	X	X	X	X	X	X	X	County	N/A	N/A
2. Monitor closed landfill as required.	X	X	X	X	X	X	X	X	X	X	County	\$40,000/yr	General Fund
3. Enforce jurisdictional ordinances through code enforcement program.		X	X	X	X	X	X	X	X	X	County	\$40,000/yr	General Fund
<b>Education and Public Involvement Element</b>													
1. Educate the County on the importance of continuing to pursue the State's 25% reduction in the amount of solid waste received at disposal facilities;	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A
2. Develop education and awareness programs of recycling, especially of paper and organic waste materials; use DCA's environmental handouts for distribution.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A
3. Actively participate in the Earth 911 project to gain information and educate the public about recycling programs.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A

**Warren County, Cities of Camak, Norwood, and Warrenton  
Solid Waste Management Plan Implementation Strategy 2005-2014**

ACTIVITY	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Responsible Party	Cost	Funding Source
4 Consider spearheading a regional Keep America Beautiful affiliate which will encourage public involvement and increase public education opportunities.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A
5 Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about recycling and reduction efforts.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A
6 Work with the State's Recycling Coordinator to identify viable education and recycling projects in the county.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office/ State Recycling Coordinator	N/A	N/A
7 Publicize and promote all proposed solid waste reduction programs through the County Extension Service.	X	X	X	X	X	X	X	X	X	X	County/County Extension Office	N/A	N/A
8 Publicize Scrap Tire Cleanup Project when funded and operational.	X			X			X			X	County	\$2,500/yr	DNR Scrap Tire Grant

**APPENDIX B**

**LOCAL GOVERNMENT TRANSMITTAL  
RESOLUTIONS**

**A RESOLUTION  
WARREN COUNTY BOARD OF COMMISSIONERS**

**TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE**

16 AUG 2004 PM 3:03

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the Minimum Planning Standards require that the community hold at least two (2) public hearings related to the development of the Solid Waste Management Plan; and

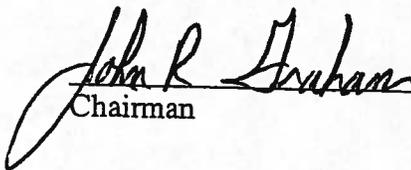
WHEREAS, the community is required to transmit a copy of the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update; and

WHEREAS, the Warren County Board of Commissioners certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Chairman and the Board of Commissioners of Warren County do hereby transmit the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 10<sup>th</sup> day of August, 2004.

  
Chairman

ATTEST: , Clerk

16 AUG 2004 PM 3:04

**A RESOLUTION  
MAYOR AND COUNCIL OF THE CITY OF WARRENTON**

**TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE**

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the Minimum Planning Standards require that the community hold at least two (2) public hearings related to the development of the Solid Waste Management Plan; and

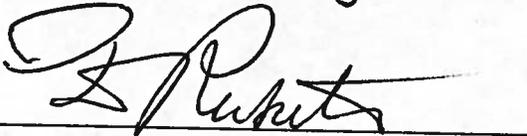
WHEREAS, the community is required to transmit a copy of the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update; and

WHEREAS, the City of Warrenton certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Mayor and Council of the City of Warrenton do hereby transmit the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 3 day of August, 2004.



\_\_\_\_\_  
Mayor

ATTEST:



15 AUG 2004 PM 3:04

# CITY OF NORWOOD

## RESOLUTION P

### TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the Minimum Planning Standards require that the community hold at least two (2) public hearings related to the development of the Solid Waste Management Plan; and

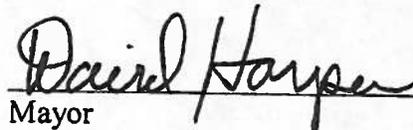
WHEREAS, the community is required to transmit a copy of the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update; and

WHEREAS, the City of Norwood certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

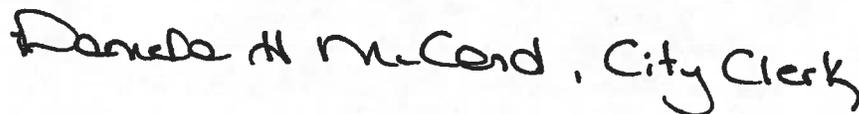
BE IT THEREFORE RESOLVED, that the Mayor and Council of the City of Norwood do hereby transmit the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 2 day of Aug, 2004.

  
\_\_\_\_\_  
Mayor

ATTEST:

16 AUG 2004 PM 3:04

  
Pamela H. McCord, City Clerk

**A RESOLUTION  
MAYOR AND COUNCIL OF THE CITY OF CAMAK**

**TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE**

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the Minimum Planning Standards require that the community hold at least two (2) public hearings related to the development of the Solid Waste Management Plan; and

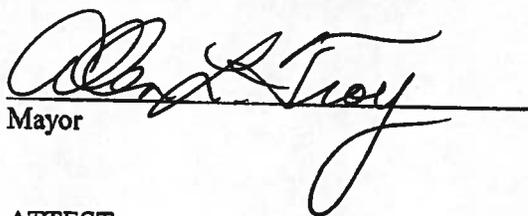
WHEREAS, the community is required to transmit a copy of the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update; and

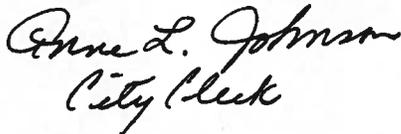
WHEREAS, the City of Camak certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Mayor and Council of the City of Camak do hereby transmit the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 9 day of August, 2004.

  
\_\_\_\_\_  
Mayor

ATTEST:

  
City Clerk

1003

16 AUG 2004 PM 3:03

# APPENDIX C

## CAPACITY LETTERS

***McDuffie County Solid Waste***

*P.O. Box 354*

*Thomson, Ga. 30824*

*Ph: 706-595-2374 Fax: 706-597-2609*

September 29, 2004

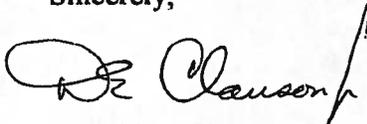
Chairman John Graham  
Warren County Board of Commissioners  
P.O. Box 46  
Warrenton, Ga. 30828

Dear Mr. Graham:

This letter serves as a disposal capacity assurance for waste generated by Warren County from 2004-2014. Waste is hauled by Advanced Disposal to the McDuffie County Transfer Station and the Georgia EPD permit number for this facility is 006PBR-097-08TS. This assurance is based upon Warren County (including Camak and Norwood) disposing of approximately 2,148.90 tons of waste at this facility on an annual basis.

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

Sincerely,



Donald E. Clauson, Jr.  
McDuffie County Solid Waste Manager

***McDuffie County Solid Waste***

*P.O. Box 354*

*Thomson, Ga. 30824*

*Ph: 706-595-2374 Fax: 706-597-2609*

September 29, 2004

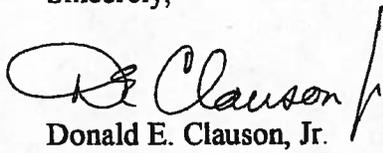
Mayor Ed Ricketson  
City of Warrenton  
P.O. Box 109  
Warrenton, Ga. 30828

Dear Mayor Ricketson:

This letter serves as a disposal capacity assurance for waste generated by the City of Warrenton from 2004-2014. Waste is hauled by Advanced Disposal to the McDuffie County Transfer Station and the Georgia EPD permit number for this facility is 006PBR-097-08TS. This assurance is based upon the City of Warrenton disposing of approximately 828.34 tons of waste at this facility on an annual basis.

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

Sincerely,



Donald E. Clauson, Jr.  
McDuffie County Solid Waste Manager

**APPENDIX D**

**CITY OF WARRENTON  
SANITATION COLLECTION  
AGREEMENT**

CITY OF WARRENTON  
SANITATION

	<u>Tons</u>	<u>Tipping Fee</u>
2003	828.34	\$ 30,274.45
2002	803.61	\$ 29,480.91
2001	809.71	\$ 29,723.25

**CONTRACT FOR  
SOLID WASTE COLLECTION SERVICE**

THIS CONTRACT FOR SOLID WASTE COLLECTION SERVICE (this "Agreement") made and entered into on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by and between the City of Warrenton, a political subdivision of the State of Georgia, by and through its City Council, hereinafter referred to as "City," and Advanced Disposal Services Augusta, LLC or its legal successors, acting by and through its duly authorized officers hereinafter referred to as "Contractor."

WHEREAS, it is necessary for City to promote, preserve and protect the public health of its citizens; and

WHEREAS, the removal of garbage, rubbish and other waste material generated within the City is a valid exercise of City's police power, and

WHEREAS, the granting of an exclusive Contract to a private corporation for the collection and disposal of solid waste is a valid function of City; and

WHEREAS, City and Contractor are desirous of entering into an agreement, under the terms of which, Contractor shall have an exclusive Contract for a specified period of time for the collection and removal of all Residential Solid Waste generated within the City, and

WHEREAS, City and Contractor have agreed to the conditions, terms, rates, provisions and considerations under which Contractor shall perform such solid waste collection and disposal services as herein set out, and for the compensation as hereinafter provided; and

WHEREAS, it is the intent of the City that the owner or occupant of every Residential Premises and Commercial Hand-load Customer in the incorporated area of the City shall receive solid waste collection and disposal services provided by Contractor, and

WHEREAS, City agrees to bill and collect the fees from the Residents and Commercial Hand-load Customers for Contractor's residential services to the City and the City agrees to pay for such services.

THEREFORE, City and Contractor agree as follows:

**1. DEFINITIONS**

For purposes of this Agreement, the following terms shall be defined as follows:

1.1 **Brown Goods:** Those items of furniture, such as sofas, chairs, tables, carpets and other large items, which cannot reasonably be placed in a 90 gallon rollout cart.

1.2 **Cart:** A rollout receptacle for Residential Solid Waste with a capacity of not less than 90 gallons, constructed of plastic, metal or fiberglass, having handles of adequate strength for lifting, and having a tight fitting lid capable of preventing entrance into the container by vectors.

- 1.3 C & D Materials: Waste materials generated by the construction, remodeling, repair or demolition of residential, commercial or other structures.
- 1.4 Commercial Premises: All non-Residential Premises, public or private, requiring solid waste collection within the unincorporated area of the City, including commercial, industrial, institutional, and governmental premises.
- 1.5 Commercial Hand-load Customer: All Commercial Premises utilizing a Cart for the placement of their solid waste for collection by the Contractor.
- 1.6 Commercial Solid Waste: All Garbage, Rubbish and other acceptable waste generated by a Commercial Premises and all C & D Materials, excluding Hazardous Waste.
- 1.7 City: City of Warrenton, Georgia.
- 1.8 Curbside: The location adjacent to the traveled portion of a publicly owned roadway designated by the Contractor for the placement of Carts and other solid waste for collection.
- 1.9 Agreement: This contract agreement, including exhibits and any amendments thereto, agreed to by the County and the Contractor during the term of the Agreement.
- 1.10 Contractor: Advanced Disposal Services Augusta, LLC or its legal successors.
- 1.11 Garbage: Solid waste consisting of putrescible animal and vegetable waste materials resulting from the handling, preparation, cooking and consumption of food, including waste materials from markets, storage facilities, handling and sale of produce and other farm products.
- 1.12 Hazardous Waste: Any solid waste identified or listed as a hazardous waste by any agency of the State of Georgia or the administrator of the U.S. Environmental Protection Agency pursuant to the federal Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, 72 U.S.C. 6901 et seq., as amended, including future amendments thereto.
- 1.13 Residential Premises: A dwelling within the incorporated area of the City occupied by a person or group of persons, including single family homes, duplexes, triplexes, quadraplexes, and mobile homes whether such mobile homes are registered as vehicles or assessed as real property.
- 1.14 Residential Solid Waste: All Garbage and Rubbish generated by a Residential Premises, excluding automobile parts, tires, C & D Materials, Yard Waste, White Goods, Hazardous Waste, or other unacceptable materials.
- 1.15 Rubbish: Non-putrescible solid waste consisting of paper, rags, cardboard, cartons, wood, rubber, plastics, glass, crockery, metal cans or other such waste.
- 1.16 White Goods: Refrigerators, ranges, washers, water heaters, and other similar domestic appliances.

1.17 Yard Trash: Leaves, brush, grass clippings; shrubs and tree prunings and other vegetative materials from the maintenance of yards, lawns and landscaping at Residential Premises other than a lined Subtitle D landfill.

## 2. SCOPE OF WORK

The work under this Contract shall consist of the work and services to be performed in the collection and disposal of Residential Solid Waste generated in the City, including all the supervision, materials, equipment, labor and all other items necessary to complete said work and services in accordance with the terms of this Agreement.

## 3. COLLECTION

### 3.1 Service Provided.

(a) Contractor shall collect Garbage and Rubbish from each Residential Premises and Commercial Hand-load Customer one (1) time per week at Curbside. The occupant of the Residential Premises shall place only Garbage and Rubbish in a Cart and shall place the Cart at Curbside by 7:00 AM on the designated collection day. Contractor shall not be responsible for collection of Garbage and Rubbish not placed in a Cart or any Cart not in the proper location at Curbside.

(b) Occupants of Residential Premises may request more frequent service or special services at a price to be agreed upon by the occupant and Contractor and paid by the occupant.

### 3.2 Carts.

(a) Contractor shall furnish one (1) Cart to every Residential Premises suitable for occupancy in the incorporated area of the City. Upon placement at a Residential Premises, Carts shall be the property of Contractor. It shall be the responsibility of the owner of the Residential Premises to properly use and safeguard the Carts. Contractor shall maintain Carts in reasonably good condition. Contractor shall have the right to charge occupants for the cost of repair or replacement of Carts, if such repair or replacement is required as a result of abuse or damage, fire, or theft. The amount charged a resident for Cart replacement shall not exceed Contractor's cost for the Cart.

(b) Occupants of Residential Premises may request one or more additional Carts from Contractor for an additional volume of collection service. Occupants shall pay City for each additional Cart and service at the applicable rate of compensation.

3.3 Elderly and Disabled. Contractor shall provide backyard pick-up to elderly or disabled residents as designated by the City who are physically unable to place container at Curbside on pick-up day. In no case will the quantity of persons receiving backyard pick-up exceed three percent (3%) of the total Residential Premises. Contractor shall provide sidedoor or backdoor Residential Solid Waste collection service at no additional charge for those residents not physically able to take Carts to Curbside, provided however, that such exemptions will be granted only if there is no other occupant of the Residential Premises physically capable of placing the Cart at Curbside

and the resident provides an affidavit from a physician certifying the physical disability. In no event will sidedoor or backdoor service be provided at a distance of more than 150 feet from the public roadway. In the event where side door or back door service is provided pursuant to this Section, the occupant shall use the Cart for storage of Residential Solid Waste but must place the Residential Solid Waste in bags, designed to accommodate storage of waste, each bag not to exceed 30 pounds in weight.

3.4 Location of Roll-Out Containers for Collection. The Roll-Out Container shall be placed at Curbside for collection. Curbside refers to that portion of right-of-way adjacent to paved or traveled City roadways. Containers shall be placed as close to the roadway as practicable without interfering with or endangering the movement of vehicles or pedestrians. When construction work is being performed in the right-of-way, containers, bags and bundles shall be placed as close as practicable to an access point for the collection vehicle. Contractor may decline to collect any container not so placed or any residential refuse not in a bag.

#### 4. ROUTES AND HOURS OF COLLECTION OPERATION

4.1 Hours of Operation. Collection of Residential Solid Waste shall not start before 7:00 AM nor continue after 7:00 PM on the same day.

4.2 Routes of Collection. Collection routes shall be established by the Contractor. Contractor shall submit a map designating the collection routes with days of pick-up to the City for its approval, which approval shall not be unreasonably withheld. The Contractor may from time-to-time propose to City for approval changes in routes or days of collection, which approval shall not be unreasonably withheld. Upon City approval of the proposed changes, Contractor shall promptly give written or published notice to the affected Residential Units.

4.3 Holidays. The following shall be holidays for the purpose of this Contract:

- New Years' Day
- Martin Luther King's Birthday
- Memorial Day
- Independence Day
- Labor Day
- Thanksgiving Day
- Christmas Day

Contract may decide to observe any or all of the above mentioned Holidays by suspension of collection service on the holiday, but such decision does not relieve the Contractor of his obligation to provide collection service at least once per week (Monday - Friday) within the Holiday Week. The Contractor will not be allowed Sunday collection during a Holiday Week.

4.4 Complaints. All complaints shall be made directly to the Contractor, and shall be given prompt and courteous attention. In the case of alleged missed scheduled collections, the Contractor shall investigate and, if such allegations are verified, shall arrange for the collection of the Refuse not collected within 24 hours after the complaint is received.

4.5 Collection Equipment and Personnel. The Contractor shall provide an adequate number of vehicles for regular collection services. All vehicles and other equipment shall be kept in good repair, appearance, and in a sanitary condition at all times. Each vehicle shall have clearly visible on each side the identity and telephone number of the Contractor. All Residential Solid Waste hauled by the Contractor shall be so contained, tied, covered, or enclosed such that leaking, spilling, or blowing are prevented.

4.6 Office. The Contractor shall maintain an office or such other facilities through which he can be contacted. It shall be equipped with sufficient local service telephones and shall have a responsible person in charge from 8:00 a.m. to 5:00 p.m. daily on regular collection days.

4.7 Access. The Contractor shall be required to provide collection services to all Residential Premises located on publicly-owned roadways accessible to standard waste collection vehicles. The City shall maintain all publicly-owned roads and bridges in a condition that affords access by Contractor's standard waste collection vehicles. The City shall require occupants of Residential Premises to place Carts at curbside for collection. The City shall require occupants of Residential Premises not accessible to standard waste collection vehicles to place Carts Residential Solid Waste at an accessible location on a publicly-owned roadway agreed upon by the occupant and the Contractor. If the City or Contractor determines that, for whatever reason, the occupants of Residential Premise cannot place the Cart at curbside adjacent to a publicly owned roadway, then the Contractor will provide the collection service at a location agreed upon by Contractor and the occupant, except as provided in Section 12 of this Contract.

## 5. DISPOSAL

Disposal. All Refuse collected for disposal by the Contractor shall be hauled to the McDuffie County Transfer Station for disposal, with tipping fees paid by the City.

## 6. COMPENSATION

6.1 Rates of Compensation for Three (3) Year Rate Period. Contractor shall be paid by the City for solid waste collection and disposal services provided hereunder by the appropriate rates of compensation set forth in Exhibit A, attached hereto and made a part hereof, during the initial three (3) year term of this Agreement.

6.2 Renewal; Rates of Compensation for Subsequent Three (3) Year Rate Periods. Upon the mutual agreement of the City and Contractor, the parties may renew this Agreement for additional terms. Prior to the end of the initial three (3) year term of this Agreement, and at each three (3) year interval thereafter, the City and the Contractor may enter into negotiations to establish and agree upon rates of compensation to be paid to Contractor during the next ensuing three (3) year terms. The rates shall be based on Contracts' capital, operating, disposal, and management costs projected to be incurred during the next three (3) year term, and a fair and reasonable profit margin thereon. In the event that the City and Contractor are unable to agree on rates to be paid to Contractor during the next three (3) year term by not later than 90 days prior to the end of the then current three (3) year term, the City may terminate the Agreement pursuant to Section 11 hereof.

6.3 Rate Adjustments Due to Significant Changes. The rates set forth in Exhibit "A" shall be fixed for the initial three (3) year term of this Agreement, and shall only be adjusted to compensate Contractor for:

(a) any change in Governmental laws, ordinances, regulations, assessments, fees or taxes that require Contractor to incur additional costs in the performance of services pursuant to this Agreement (Changes in Law), including changes in disposal fees due to such Changes in Law.

In the event that any of the above events occur, Contractor shall determine the amount of rate adjustment required to compensate Contractor for the additional, fully justifiable costs and shall petition the City for approval of the rate adjustment, which approval shall not be unreasonably withheld. Contractor agrees to continue solid waste collection and disposal services during any dispute, with the City, if any, until any dispute is resolved and the City and Contractor agree to adjusted rates of compensation.

6.4 City to Act as Collector. The City under the base bid, shall submit statements and collect from all Residential Units for services provided by the Contractor pursuant to Section 3.1(a) and 3.1(b), including those accounts which are delinquent.

6.5 Delinquent and Closed Accounts. The Contractor shall discontinue refuse collection service at any Residential Unit as set forth in a written notice sent to it by the City. Upon further notification by the City, the Contractor shall resume refuse collection on the next regularly scheduled collection day. The City shall indemnify and hold the Contractor harmless from any claims, suits, damages, liabilities or expenses (including but not limited to expenses of investigation and attorney's fees) resulting from the Contractor's discontinuing service at any location at the direction of the City.

6.6 Contractor Billings to City. The Contractor shall bill the City for service rendered within ten (10) days following the end of the month and the City shall pay the Contractor on or before the 30th day following the end of such month. Such billing and payment shall be based on the total number of Residential Premises in the incorporated areas of the City and the price rates and schedules set forth in Exhibit A hereto. The Contractor shall be entitled to payment for services rendered irrespective of whether or not the City collects from the customer for such service.

## 7. NON-DISCRIMINATION

In the performance of the work and services to be performed under the terms hereof, the Contractor covenants and agrees not to discriminate against any person because of race, sex, creed, color, religion or national origin.

## 8. INDEMNITY

The Contractor will indemnify, hold harmless, and defend the City, its officers, agents, servants and employees from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses, and reasonable attorney's fees incidental to any work done in the performance of this Contract arising out of a willful or negligent act or omission of the Contractor its officers, agents, servants and employees; provided, however, that the City will indemnify, hold harmless and defend the Contractor, its parent corporation and their respective

officers, agents, servants and employees from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses and reasonable attorney's fees arising out of a willful or negligent act or omission of the City, its officers, agents, servants and employees.

#### 9. **FORCE MAJEURE**

Except for the obligation to pay for services rendered, neither party hereto shall be liable for failure to perform hereunder due to contingencies beyond its control, including, but not limited to riots, war, fire, acts of God (including without limitation flood, hurricane, tornado or storm), compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or instrumentality thereof, whether now existing or hereafter created (collectively referred to as "Force Majeure Event"). In addition, the performance required under this Contract does not include the collection or disposal of any increased volume of solid wastes resulting from a Force Majeure Event. In the event of such Force Majeure Event, the Contractor will vary routes and schedule as may be deemed necessary. In addition, the City and Contractor shall negotiate the amounts to be paid Contractor for services to be performed as a result of increased volumes resulting from a Force Majeure Event or any other event over which Contractor has no control.

## 10. LICENSES AND TAXES

The Contractor shall obtain all licenses and permits and promptly pay all taxes required by the City and State.

## 11. TERM

The term of this Agreement shall begin on the January 1, 2004 continue for a period of three (3) years. Pursuant to Section 6.2 hereof, the Contractor or the City shall have the right to terminate this Agreement at the end of the three (3) year term or at the end of any renewal three (3) year term.

## 12. REPORTS

Contractor shall provide various reports to the City as may be required from time to time.

## 13. INSURANCE

13.1 The Contractor shall at all times during the Agreement maintain in full force and effect Employer's Liability, Workmen's Compensation, Public Liability, and Property Damage Insurance, including contractual liability coverage for the provisions of Section 8. All insurance shall be by insurers and for policy limits acceptable to the City and before commencement of work hereunder the Contractor agrees to furnish the City certificates of insurance or other evidence satisfactory to the City to effect that such insurance has been procured and is in force. The certificates shall contain the following express obligation:

"This is to certify that the policies of insurance described herein have been issued to the insured for whom this certificate is executed and are in force at this time. In the event of cancellation nor material change in a policy affecting the certificate holder, thirty (30) days prior written notice will be given the certificate holder."

For the purpose of this Contract, the Contractor shall carry the following types of insurance in at least the limits specified below:

<u>COVERAGES</u>	<u>LIMITS OF LIABILITY</u>
Workmens' Compensation	Statutory
Employer's Liability	\$500,000
Bodily Injury Liability	\$500,000 each occurrence
Except Automobile	\$1,000,000 aggregate
Property Damage Liability	\$500,000 each occurrence
Except Automobile	\$500,000 each occurrence
Automobile Bodily Injury	\$500,000 each person

Liability	\$1,000,000 each occurrence
Automobile Property Damage Liability	\$500,000 each occurrence
Excess Umbrella Liability	\$5,000,000 each occurrence

As an alternative to the above, Contractor may insure the above public liability and property coverages under a plan of self-insurance, subject to the approval of the City. Each insurance policy with respect to public liability insurance may provide for a self-insured retention of an amount of \$500,000, with the result that the Contractor is its own insurer to that extent. The coverages may be provided by the Contractor's parent corporation.

#### 14. BOND

##### 14.1 Performance Bond.

(a) The Contractor shall furnish a corporate surety bond as security for the performance of this Agreement. Said surety bond shall be in the amount of three (3) months revenue of the Contract.

(b) Premium for the bond(s) described above shall be paid by the Contractor. A certificate from the surety showing that the bond premiums are paid in full shall accompany the bond.

(c) The surety on the bond shall be a duly authorized corporate surety company approved to do business in the State of Georgia.

14.2 Power of Attorney. Attorneys-in-fact who sign performance bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

#### 15. COMPLIANCE WITH LAW

The Contractor shall conduct operations under this Contract in compliance with all applicable laws, including without limitation, ordinances, laws and statutes of the City, state and federal governments provided, however that the Contract shall govern the obligations of the Contractor where there exists conflicting ordinances of the City on the subject. In the event that the collection or disposal of any solid waste hereunder shall become restricted or prohibited by any applicable law, ordinance, rule or regulation, such type of waste shall be eliminated from the requirements and provisions of this Contract.

#### 16. ASSIGNMENT

Contractor's rights accruing under this Contract may be assigned in whole or in part by the Contractor with the prior written approval or consent of the City. As a condition of such assignment, the assignee shall agree to assume the obligations of Contractor hereunder.

## 17. EXCLUSIVE CONTRACT

The Contractor shall have the sole and exclusive contract to provide solid waste collection and disposal service in the incorporated area of the City of Warrenton. The City hereby grants and the Contractor hereby accepts the sole and exclusive contract, license and privilege to provide Residential collection and disposal service to all Residential Premises in the incorporated area of the City of Warrenton for the initial three (3) year term of this Agreement and all renewal terms thereto. The City further agrees that so long as Contractor is not in default hereunder, it will not enter into any agreement with any other entity for performance of solid waste collection and disposal services during the term hereof or any renewal terms.

## 18. OWNERSHIP

Title to the Residential Solid Waste to be collected under this Contractor shall pass to the Contractor once it is placed in the vehicle under control of the Contractor.

## 19. TERMINATION AND ATTORNEY FEES

19.1 In the event of an alleged material breach of this Contract, the City shall provide written notice of such breach to the Contractor, to be delivered by Certified Mail, return receipt requested. If within 20 days from receipt of such notice, the Contractor has either failed to correct the condition or reach an agreement with the City on a mutually satisfactory solution, then the City may, within 10 days, require the Contractor to appear before the Board of Commissioners, at either a regular or specially called meeting, to show cause why the Contract should not be terminated. After such meeting the Board may elect to:

- (i) provide written notice to the Contractor that the Contract will be terminated 30 days from the receipt of such notice.
- (ii) extend the time to allow Contractor to cure the breach.
- (iii) impose sanctions or other remedies without terminating the Contract.

19.2 Costs. In the event that either party is required to take any legal action to enforce the terms and conditions of this Agreement because of the breach of or failure to perform any term or condition by the other party, the breaching party agrees to pay all costs expended by the other party, including reasonable attorney fees.

20. MISCELLANEOUS PROVISIONS

20.1 Choice of Law. This Agreement shall be construed in accordance with and governed for all purposes by the laws of the State of Georgia, excluding the laws applicable to conflicts or choice of law.

20.2 Entire Agreement. This instrument contains the entire agreement between the parties relating to the rights herein granted and the obligations herein assumed. Any oral representation or modifications concerning this instrument shall be of no force or effect and this Contract may not be amended except by a subsequent modification in writing, signed by the parties hereto or by an ordinance adopted by City modifying the rates to be charged hereunder in accordance with the provisions of Section 6 hereof.

20.3 Severability. If any part of this Agreement for any reason is declared invalid, such decision shall not affect the validity of any remaining portion, which remaining portion shall remain in force and effect as if this Contract had been executed with the invalid portion thereof eliminated. It is hereby declared the intention of the parties that they would have executed the remaining portion of this Agreement without including any such part, parts or portions which may, for any reason, be hereinafter declared invalid.

20.4 Captions. The titles or headings preceding any section or paragraph are for reference and convenience only and shall be in no way construed to be a material part of this Agreement.

20.5 City's Authority. The parties signing this Contract on behalf of the City have been authorized to do so by specific action of the City Council Board of Commissioners adopted in open meeting and of record in its official minutes.

EXECUTED this 2<sup>nd</sup> day of December, 2003.

Signed By:

Mayor Date  
City of Warrenton, GA

\_\_\_\_\_

Officer Date  
Advanced Disposal Services Augusta, LLC

Witness

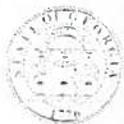
\_\_\_\_\_

Witness

**EXHIBIT A  
COMPENSATION**

Monthly cost for Residential solid waste services per residential account for:

January 1, 2004 – December 31, 2004.....	\$5.49
January 1, 2005 – December 31, 2005.....	\$5.74
January 1, 2006 – December 31, 2006.....	\$5.99



GEORGIA DEPARTMENT OF  
**COMMUNITY AFFAIRS** **COPY**

Mike Beatty  
COMMISSIONER

Sonny Perdue  
GOVERNOR

March 31, 2005

Honorable Allen L. Troy  
Mayor, City of Camak  
Post Office Box 24  
Camak, Georgia 30807-0024

Dear Mayor Troy:

We have received notification that Warren County and the cities of Camak, Norwood, and Warrenton have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Warren County and the cities of Camak, Norwood, and Warrenton have regained eligibility for solid waste permits, grants and loans.

As you have experienced, in addition to proper and thorough long-range planning, effective solid waste management requires the ability to adapt when circumstances indicate that such action is necessary. Through continued review, and revision when necessary, solid waste planning provides your local government with more control over its destiny and assists you in dealing more effectively with both short-term and long-term management decisions.

We commend you for your hard work and dedication. If you have any questions regarding your solid waste management plan, please call Mary Harrington in our Office of Environmental Management at (404) 679-3144.

Sincerely,

Mike Beatty  
Commissioner

MB/meh

cc: Andy Crosson, Executive Director, CRSA RDC



GEORGIA DEPARTMENT OF  
**COMMUNITY AFFAIRS** **COPY**

Mike Beatty  
COMMISSIONER

Sonny Perdue  
GOVERNOR

March 31, 2005

Honorable John L. Graham  
Chair, Warren County Commission  
Post Office Box 46  
Warrenton, Georgia 30828-0046

Dear Commissioner Graham:

We have received notification that Warren County and the cities of Camak, Norwood, and Warrenton have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Warren County and the cities of Camak, Norwood, and Warrenton have regained eligibility for solid waste permits, grants and loans.

As you have experienced, in addition to proper and thorough long-range planning, effective solid waste management requires the ability to adapt when circumstances indicate that such action is necessary. Through continued review, and revision when necessary, solid waste planning provides your local government with more control over its destiny and assists you in dealing more effectively with both short-term and long-term management decisions.

We commend you for your hard work and dedication. If you have any questions regarding your solid waste management plan, please call Mary Harrington in our Office of Environmental Management at (404) 679-3144.

Sincerely,

Mike Beatty  
Commissioner

MB/meh

cc: Andy Crosson, Executive Director, CRSA RDC



GEORGIA DEPARTMENT OF  
**COMMUNITY AFFAIRS**

**COPY**

Mike Beatty  
COMMISSIONER

Sonny Perdue  
GOVERNOR

March 31, 2005

Honorable David L. Harper  
Mayor, City of Norwood  
Post Office Box 64  
Norwood, Georgia 30821-0064

Dear Mayor Harper:

We have received notification that Warren County and the cities of Camak, Norwood, and Warrenton have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Warren County and the cities of Camak, Norwood, and Warrenton have regained eligibility for solid waste permits, grants and loans.

As you have experienced, in addition to proper and thorough long-range planning, effective solid waste management requires the ability to adapt when circumstances indicate that such action is necessary. Through continued review, and revision when necessary, solid waste planning provides your local government with more control over its destiny and assists you in dealing more effectively with both short-term and long-term management decisions.

We commend you for your hard work and dedication. If you have any questions regarding your solid waste management plan, please call Mary Harrington in our Office of Environmental Management at (404) 679-3144.

Sincerely,

Mike Beatty  
Commissioner

MB/meh

cc: Andy Crosson, Executive Director, CRSA RDC

copy



# GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

**Mike Beatty**  
COMMISSIONER

**Sonny Perdue**  
GOVERNOR

March 31, 2005

Honorable Edward D. Ricketson  
Mayor, City of Warrenton  
Post Office Box 109  
Warrenton, Georgia 30828-0109

Dear Mayor Ricketson:

We have received notification that Warren County and the cities of Camak, Norwood, and Warrenton have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Warren County and the cities of Camak, Norwood, and Warrenton have regained eligibility for solid waste permits, grants and loans.

As you have experienced, in addition to proper and thorough long-range planning, effective solid waste management requires the ability to adapt when circumstances indicate that such action is necessary. Through continued review, and revision when necessary, solid waste planning provides your local government with more control over its destiny and assists you in dealing more effectively with both short-term and long-term management decisions.

We commend you for your hard work and dedication. If you have any questions regarding your solid waste management plan, please call Mary Harrington in our Office of Environmental Management at (404) 679-3144.

Sincerely,  
  
Mike Beatty  
Commissioner

MB/meh  
cc: Andy Crosson, Executive Director, CRSA RDC



60 Executive Park South, N.E. • Atlanta, Georgia 30329-2231 • (404) 679-4940

[www.dca.state.ga.us](http://www.dca.state.ga.us)

An Equal Opportunity Employer



Feb. 9. 2005 11:32AM

No. 2732 P. 2

**A RESOLUTION  
WARREN COUNTY BOARD OF COMMISSIONERS**

**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

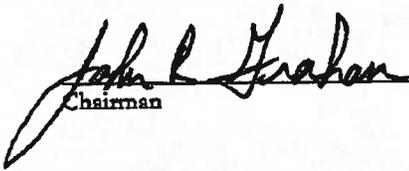
WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the Warren County Board of Commissioners has received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

WHEREAS, the Warren County Board of Commissioners is required to adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the Chairman and the Board of Commissioners of Warren County do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 8<sup>th</sup> day of February, 2005.

  
Chairman

ATTEST: Cathy Cooper, Clerk

Warren Co  
Camak Camak  
Norwood  
Warrenton

**A RESOLUTION  
CITY OF CAMAK**

**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

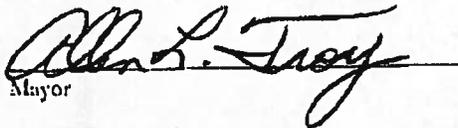
WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the City of Camak Mayor and Council have received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

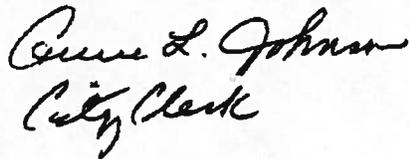
WHEREAS, the City of Camak Mayor and Council are required to adopt the Joint Warren County/ Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the City of Camak Mayor and Council do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 14 day of March, 2005

  
Mayor

ATTEST:

  
City Clerk

*Warren Co.*

**A RESOLUTION  
CITY OF NORWOOD**

**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the City of Norwood Mayor and Council have received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

WHEREAS, the City of Norwood Mayor and Council are required to adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the City of Norwood Mayor and Council do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 7<sup>th</sup> day of February, 2005.

*David Harper*  
\_\_\_\_\_  
Mayor

ATTEST: *Danella H. McCord*  
City Clerk

Post-It® Fax Note	7671	Date	2/18	# of pages	1
To	Mary Harrington	From	Kim Gray		
Co./Dept.	PEMD	Co.	CSRA RDC		
Phone #	404 679 3144	Phone #	706 210 2000		
Fax #	404 679 0646	Fax #	706 210 2006		

Feb. 2. 2005 9:29AM

No. 0148 P. 2

**A RESOLUTION  
CITY OF WARRENTON**

**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

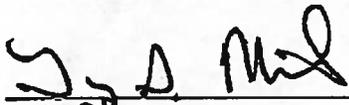
WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the City of Warrenton Mayor and Council have received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

WHEREAS, the City of Warrenton Mayor and Council are required to adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the City of Warrenton Mayor and Council do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 1<sup>st</sup> day of February, 2005.

  
\_\_\_\_\_  
Mayor Pro-tem

ATTEST: 

**A RESOLUTION  
MAYOR AND COUNCIL OF THE CITY OF CAMAK**

**TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE**

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the Minimum Planning Standards require that the community hold at least two (2) public hearings related to the development of the Solid Waste Management Plan; and

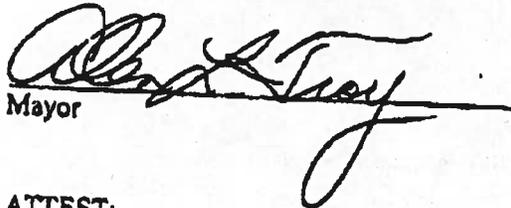
WHEREAS, the community is required to transmit a copy of the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

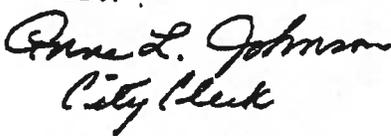
WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update; and

WHEREAS, the City of Camak certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Mayor and Council of the City of Camak do hereby transmit the Joint Warren County/Warrenton/Camak/Norwood Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 9 day of August, 2004.

  
Mayor

ATTEST:  
  
City Clerk

Post-It® Fax Note	7671	Date	3/10	# of pages	2
To	Mary Harrington	From	Kim Gray		
Co./Dept.	PEMD	Co.	CSRA RDC		
Phone #	404 679 3144	Phone #	706 210 2000		
Fax #	404 679 0646	Fax #	706 210 2006		

Feb. 9. 2005 11:32AM

No. 2732 P. 2

**A RESOLUTION**  
**WARREN COUNTY BOARD OF COMMISSIONERS**  
**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

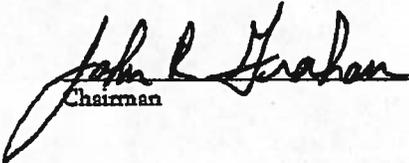
WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the Warren County Board of Commissioners has received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

WHEREAS, the Warren County Board of Commissioners is required to adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the Chairman and the Board of Commissioners of Warren County do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 8<sup>th</sup> day of February, 2005.

  
 \_\_\_\_\_  
 Chairman

ATTEST: Cathy Cooper, Clerk

Feb. 2. 2005 9:29AM

No. 0148 P. 2

**A RESOLUTION  
CITY OF WARRENTON**

**ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN**

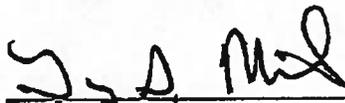
WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the City of Warrenton Mayor and Council have received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste plan and found it to be consistent with the minimum planning standards and procedures;

WHEREAS, the City of Warrenton Mayor and Council are required to adopt the Joint Warren County/ Camak/Norwood/Warrenton Solid Waste Management Plan to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the City of Warrenton Mayor and Council do hereby adopt the Joint Warren County/Camak/Norwood/Warrenton Solid Waste Management Plan 10-Year Update.

Adopted this 1<sup>st</sup> day of February, 2005.

  
\_\_\_\_\_  
Mayor Pro-tem

ATTEST: 



GEORGIA DEPARTMENT OF  
**COMMUNITY AFFAIRS**

**COPY**

Mike Beatty  
COMMISSIONER

Sonny Perdue  
GOVERNOR

December 14, 2004

Mr. Andy Crosson, Executive Director  
CSRA RDC  
3023 Riverwatch Parkway, Suite A  
Augusta, Georgia 30907-2016

Dear Andy:

Our staff has reviewed the 2004 Solid Waste Management Plan for Warren County and the cities of Camak, Norwood, and Warrenton. We find the plan to be in compliance with the Minimum Planning Standards and Procedures for Solid Waste Management.

To remain eligible for solid waste permits, grants, and loans, Warren County and the cities of Camak, Norwood, and Warrenton must adopt the plan as soon as possible and forward a copy of the adoption resolutions to our office. Please include a copy of the final, adopted plan when you send the notifications of adoption to DCA.

As soon as we receive notification that the County and cities have adopted the 2004 Solid Waste Management Plan, we will send official notification of their continued eligibility to receive solid waste permits, grants, and loans.

Sincerely,

Rick Brooks, Director  
Planning and Environmental Management Division

RB/meh

e-mail



# GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

Mike Beatty  
COMMISSIONER

Sonny Perdue  
GOVERNOR

September 23, 2004

Mr. Andy Crosson  
Executive Director, CSRA RDC  
3023 River Watch Road, Suite A  
Augusta, Georgia 30907-2016

Dear Andy,

Our staff has reviewed the short-term work program (STWP) for Warren County and the cities of Camak, Norwood, and Warrenton. The plan does not meet requirements as laid out in the Minimum Planning Standards for Solid Waste Management for the following reasons:

- For completion the plan needs a capacity assurance letter from either the McDuffie County Transfer Station assuring that the waste will be sent to a permitted facility for the next ten years, or from Advance Disposal assuring that the waste will get to a permitted disposal facility for the next ten years, or from Banks County LF (examples of a Capacity Assurance Letter from a landfill operator and a hauler are enclosed.).
- Page 18: The plan must list the names and address of "Private Haulers".
- Page 16 of 34, "Section 5.3.1.2, Recycling – The county does not have any active recycling programs in place." "Section 5.3.4: Warren County and its municipalities do not offer waste reduction and recycling opportunities to all their residents at this time." "Section 5.3.5: (item 2) Increase education and awareness of recycling programs and opportunities for paper and organic waste materials;..."; (item 3) Sustain waste reduction programs for the next ten years." **Text has indicated there are no programs in place so these items need to be re-stated to reflect how or when they will begin.** (item 6) "Participate in Keep Georgia Beautiful Campaign": We have no record of Warren County being a Keep Georgia Beautiful Affiliate so please clarify how the county participates in KGB programs. Needs and Goals as identified in the body of the plan should be repeated in the STWP – so when the information in the body of the plan is corrected, make sure the STWP has the same information.
- Page 23- Why are the same needs and goals identified in the Waste Reduction element used in the Disposal element? Needs and goals for disposal must relate to disposal issues. Page 25 – Again, needs and goals from the Waste Reduction element are repeated in the Education element. Please make needs and goals specific to each planning element. (See above comment about STWP and Needs and Goals stating same thing.) Also, please remind Warren County staff that DCA has environmental education brochures that are free to local governments to help with educational efforts.



## CENTRAL SAVANNAH RIVER AREA REGIONAL DEVELOPMENT CENTER

3023 River Watch Parkway, Suite A  
Augusta, GA 30907-2016  
(706) 210-2000 • FAX (706) 210-2006



Answers.Action.Advocacy



### Counties Served:

November 15, 2004

Burke

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

Columbia

Glascok

Dear Mr. Hartmann:

Hancock

Enclosed please find corrected draft copies of the Joint Solid Waste Management Plans for Warren County and the Cities of Camak, Norwood, and Warrenton and for Jefferson County and the Cities of Avera, Bartow, Louisville, Stapleton, Wadley, and Wrens. Relevant supporting documentation (such as the Transmittal Resolutions) can be found within the appendices of the plan documents.

Jefferson

Jenkins

I have addressed the comments for both of the plans that were specified in your comment letters concerning each plan. I hope you will find that the plans will meet the minimum standards and will gain your approval. If not, please contact me at your earliest convenience and I will do my best to correct the inefficiency. As always, please do not hesitate to contact me at (706) 210-2000, ext. 122.

Lincoln

McDuffie

Sincerely,

Richmond

Taliaferro

Kimberly Gray  
Planning Director

Warren

Enclosures (Joint Solid Waste Management Plans)

Washington

Wilkes



For information on the Area Agency on Aging (AAA), a division of the CSRA Regional Development Center, call (706) 210-2018 or toll free 1-888-922-4464. Your "one call connection" for finding resources that help senior citizens. The CSRA Regional Development Center is an Equal Opportunity Employer.