

**YORK COUNTY
SOLID WASTE
MANAGEMENT PLAN**



February 28, 2007

YORK COUNTY SOLID WASTE MANAGEMENT PLAN

Prepared For:

**York County
P.O. Box 66
York, South Carolina 29745-0066**

Prepared By:

**York County Public Works
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February 28, 2007

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I. Executive Summary

I. EXECUTIVE SUMMARY**A. Plan Development**

Environmental concerns about landfilling prompted both the United States Environmental Protection Agency (herein the “EPA”) and South Carolina’s General Assembly to pass new regulations pertaining to the disposal of solid waste. On May 27, 1991, Governor Carroll Campbell signed the South Carolina Solid Waste Policy and Management Act of 1991 (herein the “Act”) into law. This Amended York County Solid Waste Management Plan dated February 28, 2007 was prepared for and at the direction of York County by County staff utilizing information from B.P. Barber & Associates, Inc. and Joyce Engineering, Inc., and by following the guidelines specified in the Act. This Amended Solid Waste Management Plan was developed as a planning tool for solid waste management in York County to cover a planning period of twenty (20) years, from 2006 through 2025. By way of County Council approval of this Amended Plan on February 28, 2007, the County is no longer a participant in the Catawba Regional Solid Waste Management Plan on file with the South Carolina Department of Health and Environmental Control.

In October 2000, the South Carolina General Assembly amended the Solid Waste Policy and Management Act of 1991. The South Carolina Department of Health and Environmental Control in 1999 revised the South Carolina Solid Waste Management Plan. This Plan, the Amended York County Solid Waste Management Plan dated February 28, 2007, is being prepared to be consistent with recent changes in solid waste management planning criteria.

Information included in this Plan was obtained from the York County Economic Development Board (www.ycedb.com), the South Carolina Department of Health and Environmental Control (herein “SCDHEC”), the draft York County Solid Waste Management Plan dated October 2000, and the South Carolina Budget and Control Board, Office of Research and Statistics.

I. Executive Summary**B. Plan Revision**

As outlined in the Solid Waste Policy and Management Act of 1991 (Amended October 2000), the Amended York County Solid Waste Management Plan must be reviewed and updated as needed to include changes that are deemed necessary at the time. This updated Plan shall supersede all previous York County solid waste management plans.

C. Annual Progress Reports

Annual Progress Reports are required by the Solid Waste Policy and Management Act of 1991 (Amended October 2000) for each fiscal year (July 1 – June 30) and are due to SCDHEC by October 1 of each year. An Annual Progress Report will be prepared by York County and submitted to SCDHEC each year. All solid waste management facilities located in York County, including those operated by the County, must submit an Annual Report for their facility to SCDHEC.

II. LEGISLATIVE AUTHORITY**A. Federal and State Authority**

The primary federal law relating to solid waste management is the Resource Conservation and Recovery Act (RCRA) of 1976, established by the EPA. The first section of this law, Subtitle C (Hazardous Waste), established a national regulatory program to control the management of hazardous wastes. South Carolina received authorization from the EPA to initiate these activities in 1985. The second section of RCRA is Subtitle D (Solid Waste), which was published in the Federal Register on October 9, 1991. This section established a framework for federal, state, and local government cooperation in solid waste management. As a result of this law, the federal government provides minimum national standards for protecting human health and the environment and technical assistance to states for planning and implementing their own solid waste management policies.

The principal law that governs solid waste management within the State of South Carolina is the Solid Waste Policy and Management Act of 1991 (Amended October 2000). This Act authorized the SCDHEC to enforce the appropriate federal and state standards. Therefore, the SCDHEC *MSW Landfills R. 61-107.258* regulates all Municipal Solid Waste (MSW) management within the state. Additional regulations are in place for the management of Construction, Demolition, and Land-Clearing (C&D) Debris, Industrial Solid Waste (ISW), Waste Processing, Waste Tires, Waste Oil, Solid Waste Transfer Stations, etc.

Section 44-96-80(J) of the Act gives the governing body of each county the responsibility and authority to provide for the management of solid waste within the county.

B. Existing Ordinances

The York County Ordinance for management of solid waste was passed November 15, 1993 and amended on June 21, 2004, and June 5, 2006. (See Appendix A)

II. Legislative Authority

C. Policies

It is the policy of York County to operate its solid waste management in an efficient and economical manner while protecting human health and the environment. It is also the policy of the County to recycle as much waste as is practical. Reuse and recycling is preferred over treatment, storage, or disposal of wastes. Methods of solid waste management shall protect health, safety and the environment by employing the best available technology economically feasible for pollution control.

D. Organization Structure

The York County Council is the governing body responsible for solid waste management planning within the County. The Public Works Director oversees the daily management of the solid waste program and makes recommendations to the Council through the County Manager. The following representatives have authority over solid waste management within York County:

County Manager

P.O. Box 66
York, South Carolina 29745-0066
Phone: (803) 684-8511
Fax: (803) 684-8550

Assistant County Manager, External Services

P.O. Box 66
York, South Carolina 29745-0066
Phone: (803) 684-8511
Fax: (803) 684-8550

Assistant County Manager, Internal Services

P.O. Box 66
York, South Carolina 29745-0066
Phone: (803) 684-8511
Fax: (803) 684-8550

Public Works Director

P.O. Box 120
220 Public Works Road
York, South Carolina 29745-0120
Phone: (803) 628-3200

II. Legislative Authority

Solid Waste Disposal and Recovery Supervisor

P.O. Box 120
220 Public Works Road
York, South Carolina 29745-0120
Phone: (803) 628-3186

Solid Waste Collection/Recycling Supervisor

P.O. Box 120
220 Public Works Road
York, South Carolina 29745-0120
Phone: (803) 628-3186

Recycling Educator/Coordinator

P.O. Box 120
220 Public Works Road
York, South Carolina 29745-0120
Phone: (803) 628-3181

III. DEMOGRAPHICS

A. Population Trends

York County is located in the Piedmont Physiographic Region of South Carolina (Exhibit A). Nine (9) municipalities are located within York County: Clover, Fort Mill, Hickory Grove, McConnells, Rock Hill, Sharon, Smyrna, Tega Cay, and York, the County Seat. The presence of the Charlotte urban area just across the state line has a major impact on development patterns in York County, and has influenced the rapid growth patterns in the I-77 corridor and the Lake Wylie area. Table 1 illustrates the approximate population of York County from 1990 to 2000, including the percent change over the ten (10) year period. This rate of growth is more than double the rate for the state as a whole, making York County one of the fastest growing counties in South Carolina.

Table 1 – York County Population Trend (1990-2000)

Year	Population
1990	131,497
1995	145,041
2000	164,614
<i>% Change</i>	25.2%

Source: “South Carolina Statistical Abstract” SC Budget & Control Board, Office of Research & Statistics; 06/30/05. Population and Population Estimates for South Carolina Counties (1980, 1990, 1995-2000) <http://www.ors2.state.sc.us/abstract/chapter14/pop6.asp>

The “South Carolina Statistical Abstract 2005”, prepared by the South Carolina Office of Research and Statistics for each year, predicts that York County will experience growth at the rate of approximately 1.6% per year. It is anticipated that over the next twenty (20) years, York County will experience an approximate 32% increase in population, and should experience a similar increase in its solid waste generation. Table 2 illustrates the projected population over a twenty (20) year period (2006 – 2025) for the County. Projected waste stream generation numbers will be presented in *Section V – Future Solid Waste Management* of this Amended Plan.

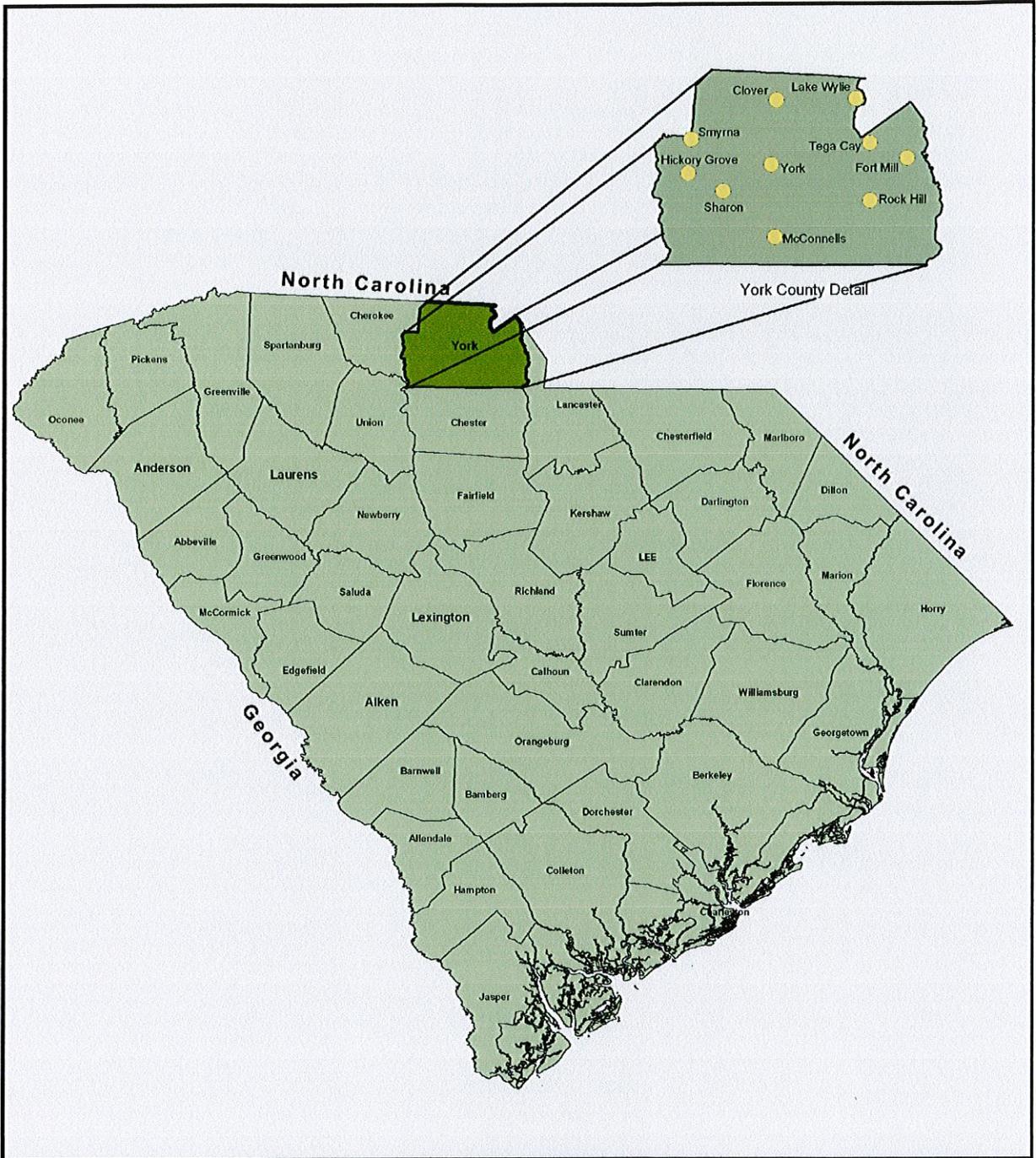


EXHIBIT A

**Location Map
York County, SC
Solid Waste Management Plan**

Spatial Data From
University of South Carolina
GIS Data Server
Counties Layer



B.P. Barber & Associates, Inc.
Engineers • Planners • Surveyors

Table 2 – York County Population Projections (2006-2025)

Year	Population	Year	Population
2006	193,230	2016	225,090
2007	196,420	2017	228,280
2008	199,600	2018	231,470
2009	202,800	2019	234,660
2010	205,980	2020	237,840
2011	209,160	2021	241,010
2012	212,350	2022	244,200
2013	215,530	2023	247,390
2014	218,730	2024	250,580
2015	221,910	2025	253,760

Source: SC Budget and Control Board, Office of Research and Statistics

B. Economic Trends

The characteristics of a local economy are significant indicators of growth. Changes in the economic base will directly affect solid waste management within York County and must be an integral part of solid waste planning. The availability and type of employment impacts the demand for housing, retail trade and services.

Industry and business in York County are crucial factors in solid waste planning. As the number of industries and businesses in the County increases, the amount of waste generated within the County also increases. In an effort to attract industry to York County, several commercial and industrial parks have been developed. Currently, fourteen (14) industrial parks are located in York County as outlined in Table 3:

Table 3 – York County Industrial Parks (2005)

Site/Park Name	Min. Available	Max. Available	Community	Electricity Supplier
Westgate Industrial Park	4 acres	60 acres	Clover	Duke Power
Bradley Industrial Park	5 acres	534 acres	Fort Mill	Duke Power
Gold Hill Commons Industrial Park	10 acres	186 acres	Fort Mill	York Electric Coop
Kingsley Industrial Park	5 acres	11 acres	Fort Mill	York Electric Coop
Lakemont Business Industrial Park	2 acres	50 acres	Fort Mill	Duke Power
Antrim Industrial Park	3 acres	60 acres	Rock Hill	City of Rock Hill
Catawba South Bus Industrial Park	18 acres	46 acres	Rock Hill	York Electric Coop
Lakemont East Business Industrial Park	10 acres	108 acres	Rock Hill	Duke Power
Lakemont North Business Industrial Park	10 acres	66 acres	Rock Hill	Duke Power
Marine Drive Business Industrial Park	2 acres	7 acres	Rock Hill	City of Rock Hill
Southway Industrial Park	5 acres	40 acres	Rock Hill	York Electric Coop
Techpark Industrial Park	1 acres	22 acres	Rock Hill	City of Rock Hill
Waterford Business Industrial Park	5 acres	35 acres	Rock Hill	City of Rock Hill
East York Industrial Park	2 acres	75 acres	York	York Electric Coop

Source: "Site/Park Search Results" SC Department of Commerce; 06/30/05.
<http://www.sccommerce.com/SiteSearchUs.aspx>

C. Land Description

Land use is an important characteristic to be evaluated in the development and implementation of a solid waste management system because it indicates areas of growth and urban development, both of which result in increased waste generation. Land use patterns in the county vary significantly. Large areas of the county are covered with forests, managed by both small landowners and corporate timber interests. Farmland

III. Demographics

acreage has decreased significantly in the past few decades, but some areas still have areas of cropland and pasture land. Urban land uses are growing rapidly, especially in eastern and northern York County. Areas of concentrated growth can cause congestion, which could adversely affect the collection and transportation of solid waste.

York County encompasses approximately 695.78 square miles. York County has a population density of approximately 269 people per square mile, ranking sixth out of forty-six (46) counties in South Carolina according to the US Census projections for 2005.

York County is located in the heart of the Carolina Piedmont and has excellent transportation access to the Interstates and federal highway system. Interstate 77 intersects the central part of the County north to south, linking the county to Columbia, South Carolina to the south and to Charlotte, North Carolina to the northeast. Interstate 85 is located just north of the county, creating a link to Raleigh, Durham, and Greensboro, North Carolina, and to Atlanta, Georgia.

Other modes of transportation include truck, rail, and air. Freight railroad service providers are CSX and Norfolk Southern Railway. Amtrak provides passenger railroad service out of Charlotte. Light rail is in the planning stages for the entire Charlotte metro area. The Charlotte/Douglas International Airport is on average a thirty-minute drive from York County. Bryant Field, a relatively small municipal airport is located in Rock Hill. The Port of Charleston is the nearest port facility, which is approximately a three-hour drive from York County.

York County contains an adequate amount of utility services. Electrical power service is provided through Duke Power, the York Electrical Cooperative and the City of Rock Hill.

Residential and commercial development is expected to increase as the larger municipal areas and the neighboring Counties continue to experience growth especially from the Charlotte area. As residential, commercial, and industrial development increases in the County, additional solid waste collection locations should be evaluated to accommodate

III. Demographics

the increase in waste generation. In addition, as traffic in York County increases, the traffic patterns for solid waste transport should also be evaluated.

IV. EXISTING SOLID WASTE MANAGEMENT

A. Generation and Characterization

The Solid Waste Policy and Management Act of 1991 (Amended October 2000) requires that all solid waste facilities conduct accurate record keeping of waste stream data as shown in Table 4 below. Counties must submit Annual Progress Reports to the SCDHEC as required by the Act. The following amounts and types of wastes were generated for disposal by York County during the 2004 fiscal year according to the 2004 South Carolina Solid Waste Management Annual Report:

Table 4 – York County Solid Waste Generation for Disposal (FY 2005)

	Tonnage
MSW	166,059
C & D	97,810
ISW	7,037
Total Solid Waste Generated for Disposal	270,906

Source: "SCDHEC FY05 SC Solid Waste Management Report" (2000-2030)
<http://www.ors2.state.sc.us/abstract/chapter14/pop5.asp>

B. Collection, Temporary Storage, and Transportation of Solid Waste

Residential curbside collection of MSW, yard waste, and recyclables is provided for citizens in the city limits by the following municipalities: City of York, Town of Clover, City of Rock Hill, Town of Fort Mill, and the Town of Tega Cay. York, Clover, Rock Hill and Fort Mill bring recyclables to the York County Separation Center for processing and base what they accept for recycling on what York County accepts in the recycling program. Tega Cay contracts recycling services to a private hauler. Contact information for each City is listed below:

City of York – (803) 684-2341

Town of Clover – (803) 222-9495

Town of Tega Cay – (803)548-3512

City of Rock Hill – (803) 329-7027 or (803) 329-5539

IV. Existing Solid Waste Management

The contact information for the York County recycling program is listed below.

York County Solid Waste Collection & Recycling

P.O. Box 120
220 Public Works Road
York, South Carolina 29745
(803) 628-3181
(803) 628-3182 fax

www.yorkcountygov.com/recycle

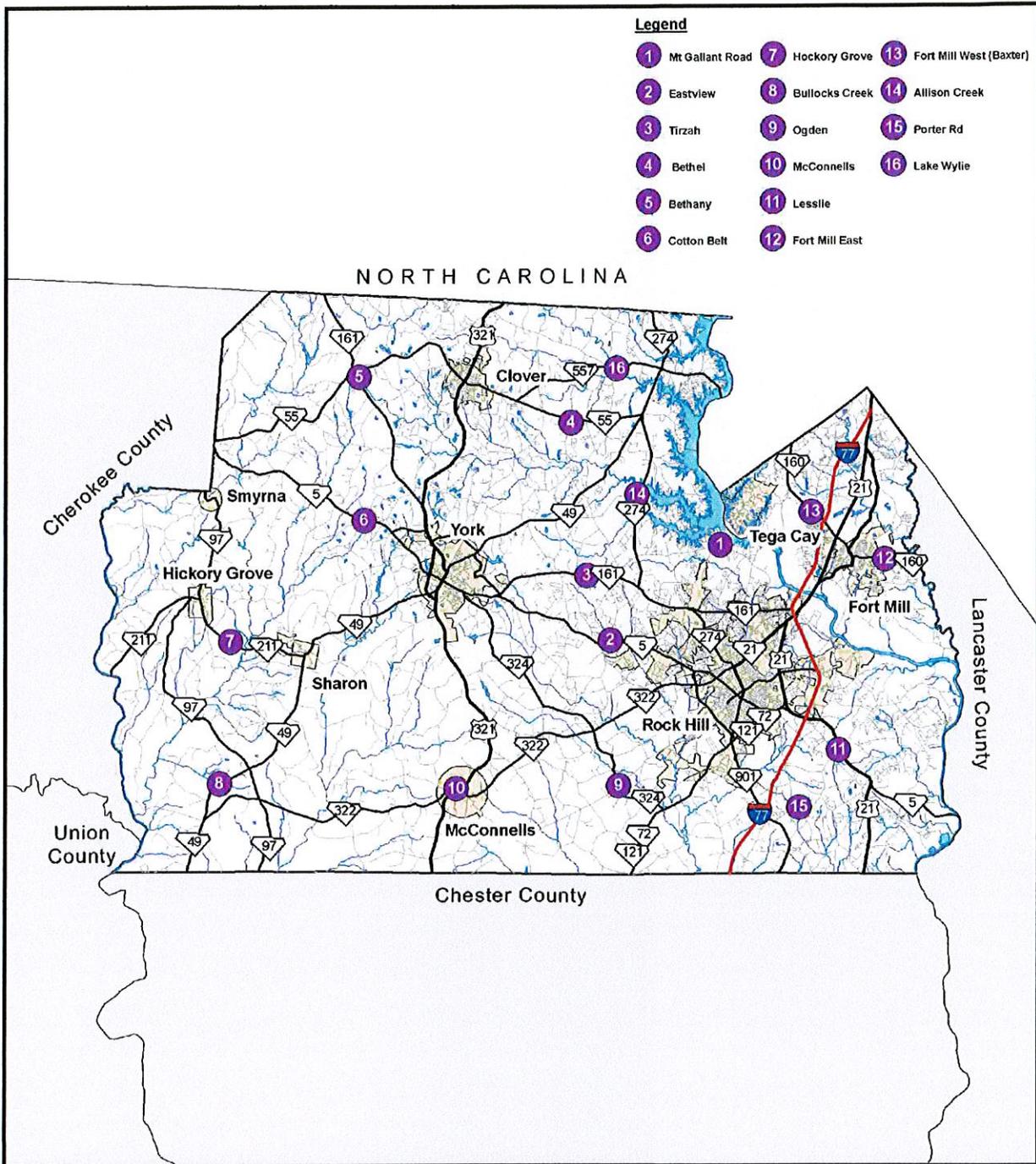
York County owns and operates sixteen (16) convenience centers, listed in Table 5 below and shown in Exhibit B. Materials collected at each site are: aluminum cans, foil, and pie pans, steel food cans, all plastics #1 - #7 including bottles and jugs (no Styrofoam), plastic shopping bags, newspaper, office paper, magazines, catalogs, junk mail, clear, brown, green glass food and beverage containers, lead-acid batteries, all re-chargeable batteries - weighing 2lbs or less including nickel-cadmium, small sealed lead acid, nickel metal hydride, lead acid batteries, scrap metal, appliances, used motor oil, motor oil filters and motor oil bottles, white goods, textiles, latex paint, and cooking oil, passenger tires – 4 per visit, corrugated cardboard boxes, and chipboard boxes – including cereal, shoe, 12-pack drink boxes, cracker, gift boxes, paper towel and toilet paper rolls, live Christmas trees, and vinyl siding.

Table 5 – York County Convenience Centers

Covenience Center	Location	
Allison Creek	5725 Campbell Road	York
Baxter	1731 Hwy 160	Fort Mill/Tega Cay
Bethany	2690 South Hwy 161	Clover
Bethel	3150 South Paraham Road	Clover
Bullocks Creek	6800 Lockhart Road	Bullock Creek area
Cotton Belt	2365 Black Hwy	York
Eastview	1675 Adnah Church Road	Rock Hill
Fort Mill East	1245 East Hwy 160	Fort Mill
Lake Wylie	102 Bethel School Road	Lake Wylie
Lesslie	3211 Pantry Drive	Rock Hill
McConnells	100 Cemetery Street	McConnells
Mt Gallant	3986 Mt. Gallant Road	Rock Hill/Tega Cay
Ogden	780 West Hwy 324	Rock Hill
Porter Road	2050 Porter Road	Rock Hill
Sharon/Hickory Grove	5011 Hickory Grove Road	Hickory Grove
Tirzah	6190 Old York Road	Rock Hill/York
<i>All centers open 7 am to 7 pm daily, Closed on Wednesday and Sunday.</i>		

"Convenience Centers" www.yorkcountygov.com/

IV. Existing Solid Waste Management



**Convenience Centers
York County, SC
Solid Waste Management Plan**

EXHIBIT B

Spatial Data From
University of South Carolina
GIS Data Server
Counties, Transportation &
Hydrology Layers



IV. Existing Solid Waste Management

C. Solid Waste Transfer Stations

Solid waste transfer stations are combinations of structures, machinery, or devices at a place or facility where solid waste is taken from collection vehicles and placed in other transport vehicles for movement to another solid waste management facility. There are two (2) solid waste transfer stations located within York County, as listed below and as shown in Exhibit C.

1. Container Company of Carolina MSW Transfer Station

Container Company of Carolina owns and operates a private MSW Transfer Station (Facility ID No. 463323-6001). For more information on this transfer station, contact:

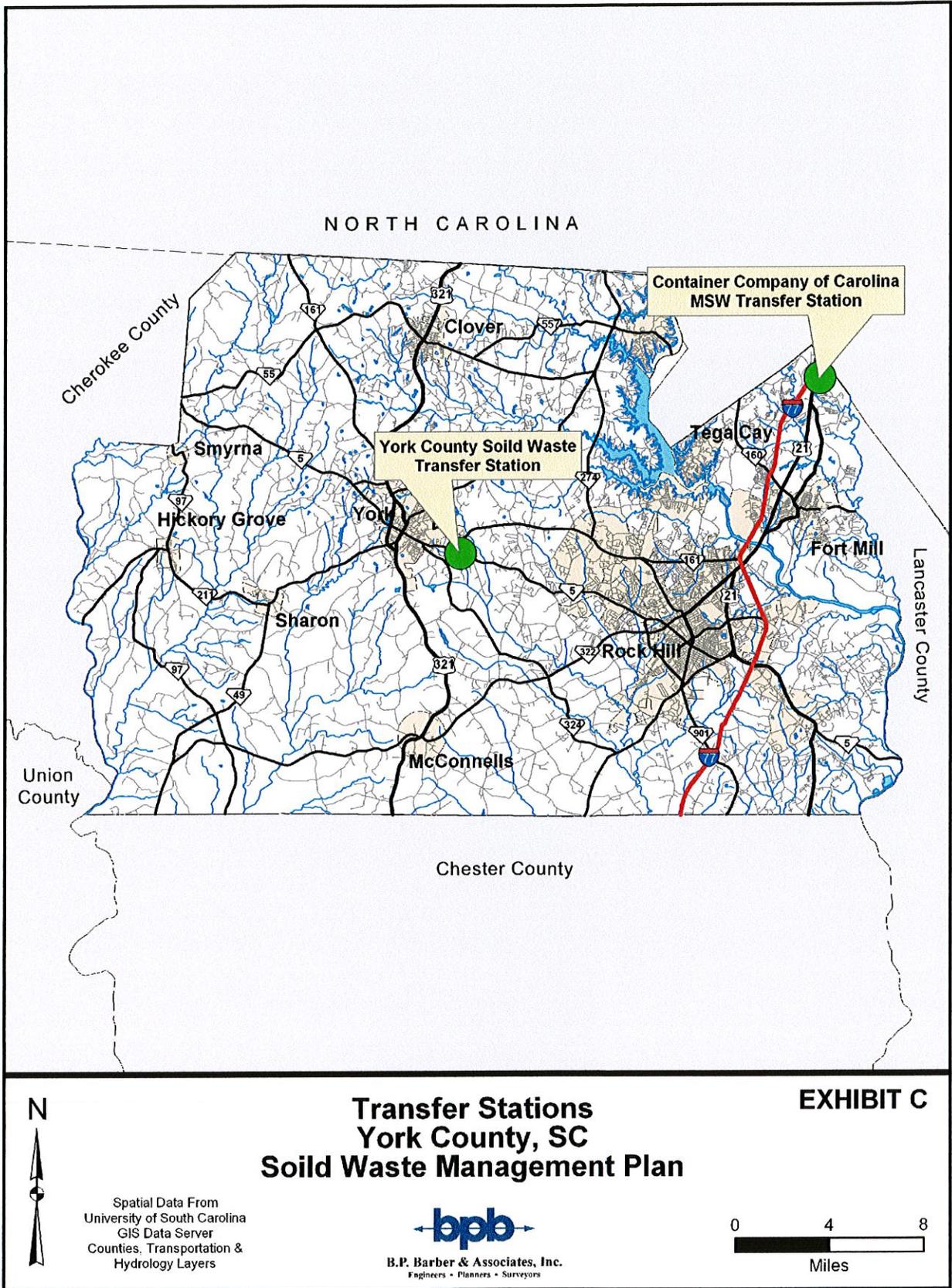
Container Company of the Carolinas MSW Transfer Station
P.O. Box 219
Pineville, North Carolina 28134
Phone: (803) 547-3184

2. York County Solid Waste Transfer Station

York County owns and operates a MSW Transfer Station (Facility ID No. 461001-6001). For more information on the York County Solid Waste Transfer Station, contact:

York County Solid Waste Transfer Station
Supervisor, Solid Waste Disposal & Recovery
P.O. Box 120
York, South Carolina 29745
Phone: (803) 628-3186

IV. Existing Solid Waste Management



IV. Existing Solid Waste Management**D. Solid Waste Processing Facilities**

A solid waste processing facility is any combination of structures, machinery, or devices utilized to reduce or alter the volume, chemical, or physical characteristics of solid waste through processes, such as baling or shredding, prior to delivery of such waste to a recycling or resource recovery facility or to a solid waste treatment, storage, or disposal facility, and excludes collection vehicles. There are no solid waste processing facilities located within York County.

E. Municipal Solid Waste (MSW) Landfills

A MSW Landfill is a discrete area of land or an excavation that receives household waste, and is not a land application unit, surface impoundment, injection well, or waste pile. The County's municipal solid waste is currently managed through a long-term disposal contract with Waste Management of South Carolina which expires on October 31, 2010. The County has the option to renew the disposal agreement for up to two (2) additional five (5) year periods under the same terms and conditions. Waste is transported out of the County to regional landfills. There are no operating MSW landfills located in York County.

F. Sludge Monofills

Sludge monofills are facilities which accept any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant. These facilities are generally on a discrete area of land or an excavation that is not a land application unit, surface impoundment, injection well, or waste pile. No sludge monofills are currently located in York County.

G. Incinerator Ash Monofills

Incinerator ash monofills are facilities that accept the solid residue from the incineration of solid waste. These facilities are generally on a discrete area of land or an excavation that is not a land application unit, surface impoundment, injection well, or waste pile. No incinerator ash monofills are currently located in York County.

IV. Existing Solid Waste Management

H. Construction, Demolition, and Land-Clearing Debris (C&D) Landfills

Construction, Demolition, and Land-Clearing Debris (C&D) Landfills are classified by SCDHEC under **SC Regulation 61-107.11** as Part I, Part II, Part III, or Part IV depending upon the location, the type of waste they accept, and the length of time the facility is expected to be in operation. The C&D Landfills currently located in York County are as follows:

1. Short-Term C&D Landfills (Part I)

A short-term C&D landfill is defined by SCDHEC as a C&D Landfill, which has a proposed life of twelve (12) months or less and one acre or less. No Short-Term C&D Landfills are currently located in York County.

2. Land-Clearing Debris (LCD) & Yard Waste Landfill (Part II)

Approvals to operate landfills for land-clearing debris (LCD) and yard waste are issued by SCDHEC under an existing statewide general permit for landfills used solely for the disposal of trees, stumps, wood chips, and yard waste generated from land-clearing activities. These landfills are limited to structural fill with a projected beneficial use. The following Part II C&D landfills are located within York County and shown in Exhibit D:

a. City of Rock Hill LCD & Yard Trash Landfill

This landfill (Facility ID No. 461002-1702) is located in Rock Hill, South Carolina and is currently allowed to accept 100 tons per week. The facility is scheduled for closure in 2006. For more information contact the following:

IV. Existing Solid Waste Management

City of Rock Hill LCD & Yard Trash Landfill

Public Services Manager
Friedham Rd & Heckle Bypass
Rock Hill, South Carolina 29731
Phone: (803) 329-5604

b. Clawson Land-Clearing Debris & Yard Trash Landfill

This landfill (Facility ID No. 462620-1701) is located near McConnells, South Carolina. The site did not accept any waste during fiscal year 2004. The facility is allowed to take in 50,400 cubic yards of debris per year. For more information regarding this landfill contact:

Clawson LCD & Yard Trash Landfill

Mr. J.H. Clawson
426 Brattonsville Road
McConnells, South Carolina 29726
Phone: (803) 684-6334

c. Creekside of York County Land-Clearing Debris Landfill

This commercial landfill (Facility ID No. 462748-1701) is located near Rock Hill, South Carolina and is permitted to accept 27,500 cubic yards of waste each fiscal year. Contact the following for more information:

Creekside of York County LCD & Yard Waste Landfill

S. Anderson Road
Rock Hill, South Carolina 29708

d. McCall Deer Creek Drive Land-Clearing Debris Landfill

This landfill (Facility ID No. 462672-1701) is located on Deer Creek Drive in Fort Mill, South Carolina. The landfill is permitted to accept 100,000 cubic yards of waste each fiscal year but is not open to the public. Contact the following for more information:

McCall Deer Creek Drive LCD Landfill

Mr. Roger G. McCall
3016 Deer Creek Drive
Fort Mill, South Carolina 29708
Phone: (803) 548-3804

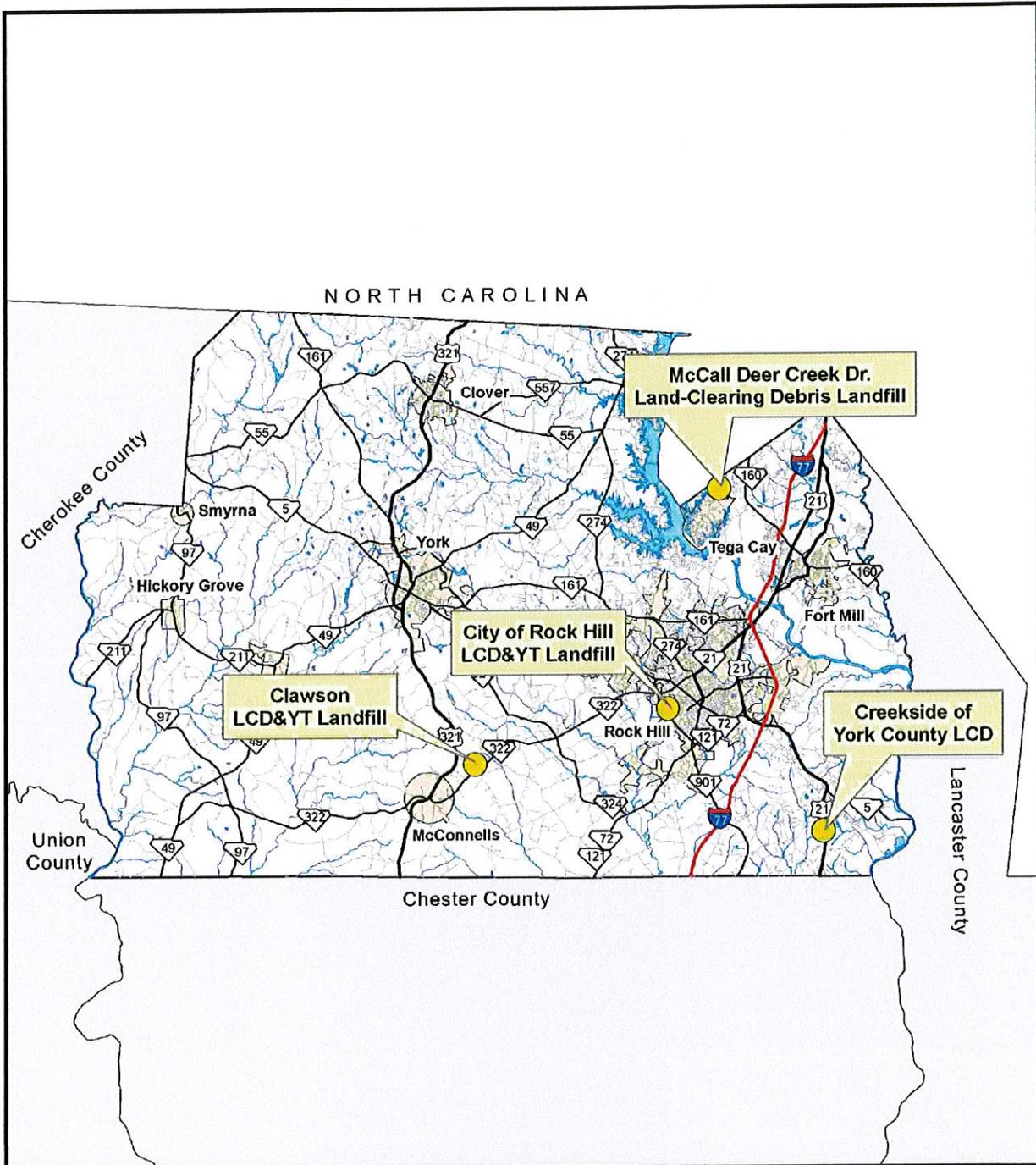


EXHIBIT D

**C&D Landfills (Part II)
York County, SC
Solid Waste Management Plan**



Spatial Data From
University of South Carolina
GIS Data Server
Counties, Transportation &
Hydrology Layers



3. C&D Landfills (Part III)

C&D Landfills Part III are landfills utilized for the disposal of construction, demolition, and land-clearing debris that have controlled access and serve permanently located utility facilities and manufacturing firms, such as those listed in the South Carolina Industrial Directory.

There are no Part III C&D Landfills currently located in York County.

4. Construction, Demolition and LCD Landfills (Part IV)

The population of York County is growing rapidly due to its proximity to the Charlotte metropolitan area. Along with the population growth the county has been experiencing, the amount of construction, demolition and land clearing debris generated within the County has also increased. This Plan addresses issues such as existing landfills operated by the County and private parties, future disposal needs, and potential future landfill needs within the County.

C&D Landfill Part IV permits are issued to facilities accepting all types of construction, demolition and land clearing debris. The following Part IV C&D Landfills are located within York County (Exhibit E):

a. Coltharp C&D and LCD Landfill

This landfill (Facility ID No. 462602-1201) is an active commercial landfill located near Fort Mill, South Carolina. The Coltharp Landfill which was first permitted in 1996 has a maximum annual permitted capacity of 60,000 tons per year and a permit expiration date of August 1, 2008. The facility reports the acceptance of approximately 40,000 tons per year of construction and demolition debris but does not accept land clearing debris. For more information regarding this landfill contact:

Coltharp C&D and LCD Landfill

William I. Coltharp
P.O. Box 1894
Fort Mill, South Carolina 29716
Phone: (803) 548-1700

b. Rogers C&D Landfill

This commercial landfill is located southwest of Rock Hill, South Carolina (Facility ID No. 462427-1201). The Rogers Landfill has no tonnage limits and its acceptance rate is limited only by its footprint. The Rogers Landfill disposes of about 4,000 tons annually and is estimated to reach capacity and be closed by the end of 2010. The Rogers facility is not open to the public. Contact the following for more information regarding the Rogers C&D Landfill:

Rogers C&D Landfill

Julian P. Rogers
4183 Mockingbird Lane
Rock Hill, South Carolina 29730
Phone: (803) 327-5705

c. York County C&D and LCD Landfill

York County owns an active non-commercial landfill located in York, South Carolina (Facility ID No. 461001-1201). The facility has a permitted annual tonnage limit of 62,000 tons but typically takes in approximately 40,000 tons annually. The facility has approximately 3 years of capacity remaining. By ordinance the facility may not take out-of-county waste. Contact the following for more information regarding York County C&D Landfill:



IV. Existing Solid Waste Management

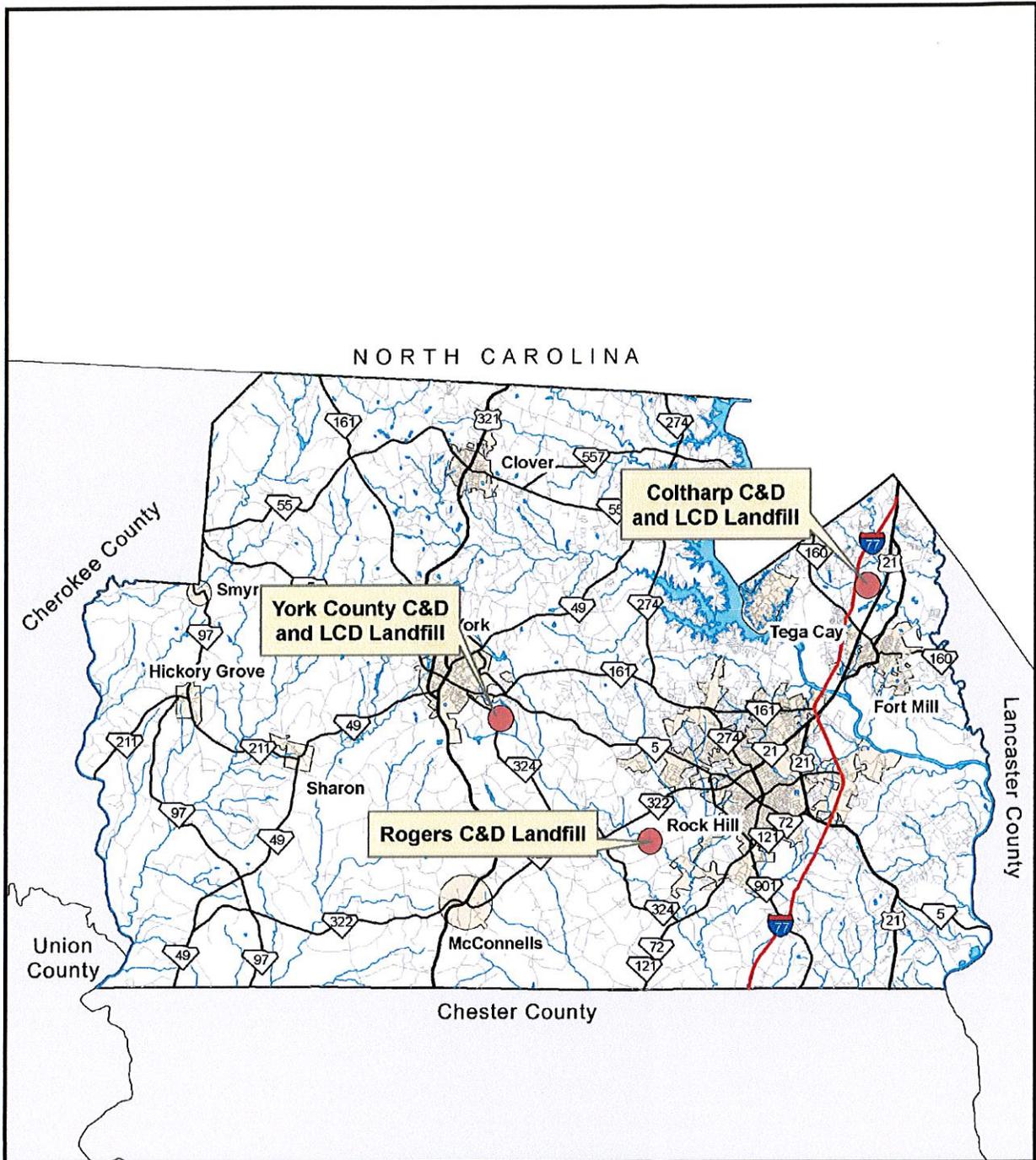
York County C&D and LCD Landfill

Supervisor, Solid Waste Disposal and Recovery

P.O. Box 120

York, South Carolina 29745

Phone: (803) 628-3186



**C&D Landfills (Part IV)
York County, SC
Solid Waste Management Plan**

EXHIBIT E

Spatial Data From
University of South Carolina
GIS Data Server
Counties, Transportation &
Hydrology Layers



B.P. Barber & Associates, Inc.
Engineers • Planners • Surveyors

I. Industrial Solid Waste (ISW) Landfills

An ISW Landfill is an area of land or an excavation primarily designed for the disposal of industrial process waste disposal. Such landfills may be publicly or privately owned and operated and may accept solid waste generated by manufacturing or industrial processes that are not deemed a hazardous waste. The following ISW landfills are privately owned and located within York County (Exhibit F):

1. Bowater, Inc. ISW Landfill

Bowater, Inc. of South Carolina owns an active ISW Landfill (Facility ID No. 463318-1601) in southeastern York County. The site is authorized to accept bark, paper, cardboard, asbestos, protective gear, and ash generated by the plant. For more information on the Bowater, Inc. Landfill, contact:

Bowater, Inc.

Mr. Dale L. Herendeen

P.O. Box 7

Catawba, South Carolina 29704

Phone: (803) 981-8009

2. Celanese Acetate, LLC

Two active ISW Landfills (Facility ID No. 463312-1601 and 463312-1602) are owned by Celanese Acetate, LLC and are located near Rock Hill, South Carolina. The sites accept asbestos, sludge, mixed paper, rags, empty drums, and concrete generated on-site. Contact the following for more information:

Celanese Acetate, LLC

2850 Cherry Road

Rock Hill, South Carolina 29730

Ms. Patricia Waters (Fac. ID 163312-1601)

Phone: (803) 325-6298

or

Ms. Rebecca K. Humelsine (Fac. ID 163312-1602)

Phone: (803) 325-6000

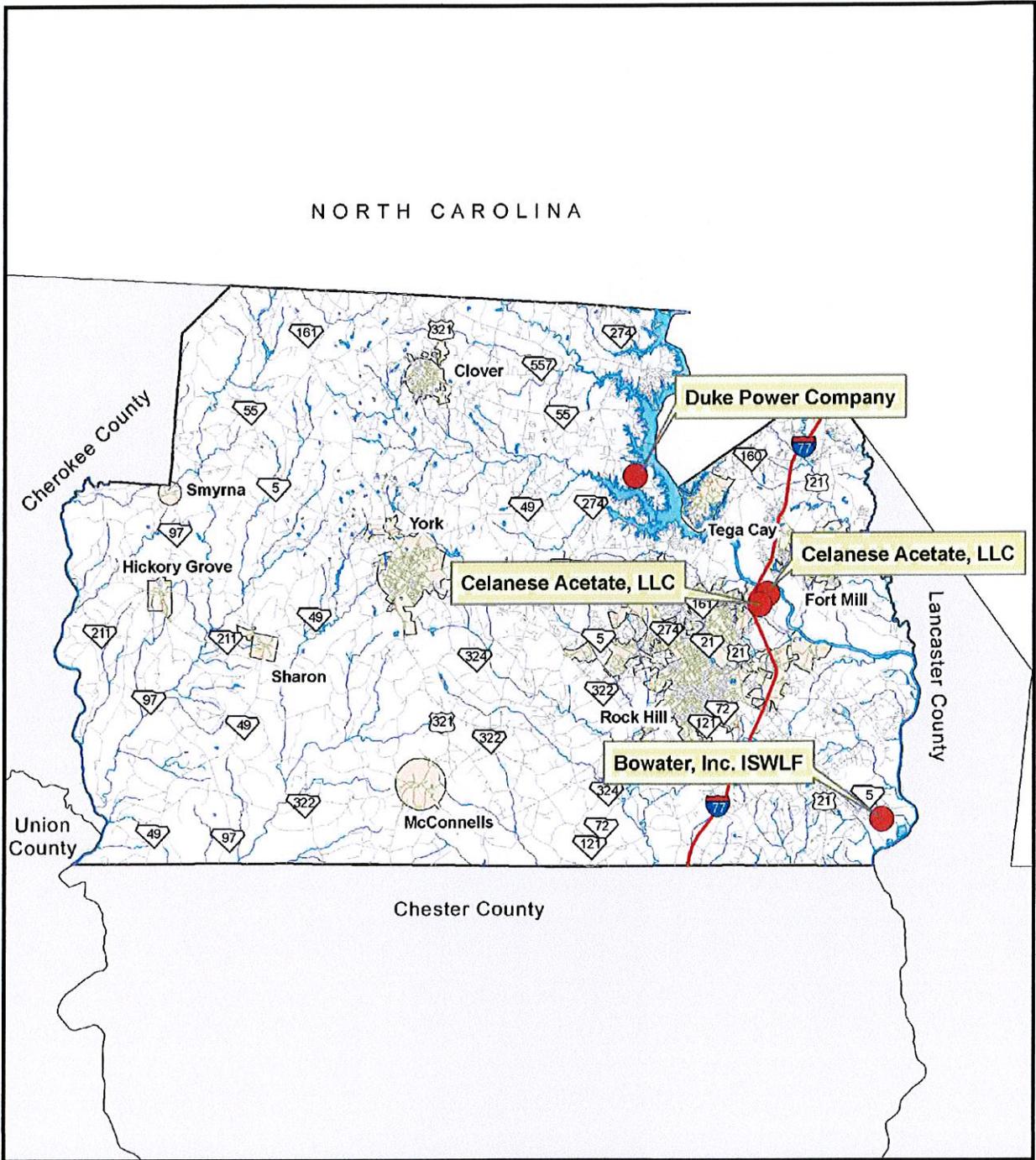


EXHIBIT F

**ISW Landfills
York County, SC
Solid Waste Management Plan**



Spatial Data From
University of South Carolina
GIS Data Server
Counties, Transportation &
Hydrology Layers

bpb
B.P. Barber & Associates, Inc.
Engineers • Planners • Surveyors

IV. Existing Solid Waste Management

3. Duke Power Company

Duke Power owns an active ISW Landfill (Facility ID No. 463303-1601) north of Rock Hill, South Carolina on Lake Wylie. The facility accepts paper, cans, plastic, sludge, asbestos, rags, absorbent materials, and C&D waste generated on-site. For more information contact the following:

Duke Power Company

Ms. Cheryl Peed
4800 Concord Road
York, South Carolina 29745
Phone: (803) 831-3361

J. Solid Waste Incinerators

A solid waste incinerator is any engineered device used in the process of controlled combustion of waste for the purpose of reducing the volume, and/or reducing or removing the hazardous potential of the waste charged by destroying combustible matter leaving the noncombustible ashes, material, and/or residue.

No solid waste incinerators are currently located in York County.

K. Composting and Wood Chipping/Shredding Facilities

Composting facilities are utilized to provide aerobic, thermophilic decomposition of the solid organic constituents of solid waste to produce a stable, humus-like material. The following composting facilities are currently located in York County (Exhibit G):

1. City of Fort Mill Composting Site

The City of Fort Mill's Composting Site (Facility ID No. 461003-3001) is currently active. For more information contact:

City of Fort Mill Composting Site

Public Works Director
P.O. Box 159
Fort Mill, South Carolina 29716
Phone: (803) 547-2034

IV. Existing Solid Waste Management

2. City of Rock Hill Composting Site

The City of Rock Hill's Composting Site (Facility ID No. 461002-3002) is currently active and accepts enhanced land clearing debris. However, the City plans to close this facility in early 2006. For more information contact:

City of Rock Hill Composting Site

Public Works Director
349 Columbia Avenue
Rock Hill, South Carolina 29731-1706
Phone: (803) 329-7000

3. City of York Composting Site

The City of York's Composting Site (Facility ID No. 461004-3001) is currently active. For more information contact:

City of York Composting Site

Public Works Director
P.O. Box 500
York, South Carolina 29745
Phone: (803) 684-7172

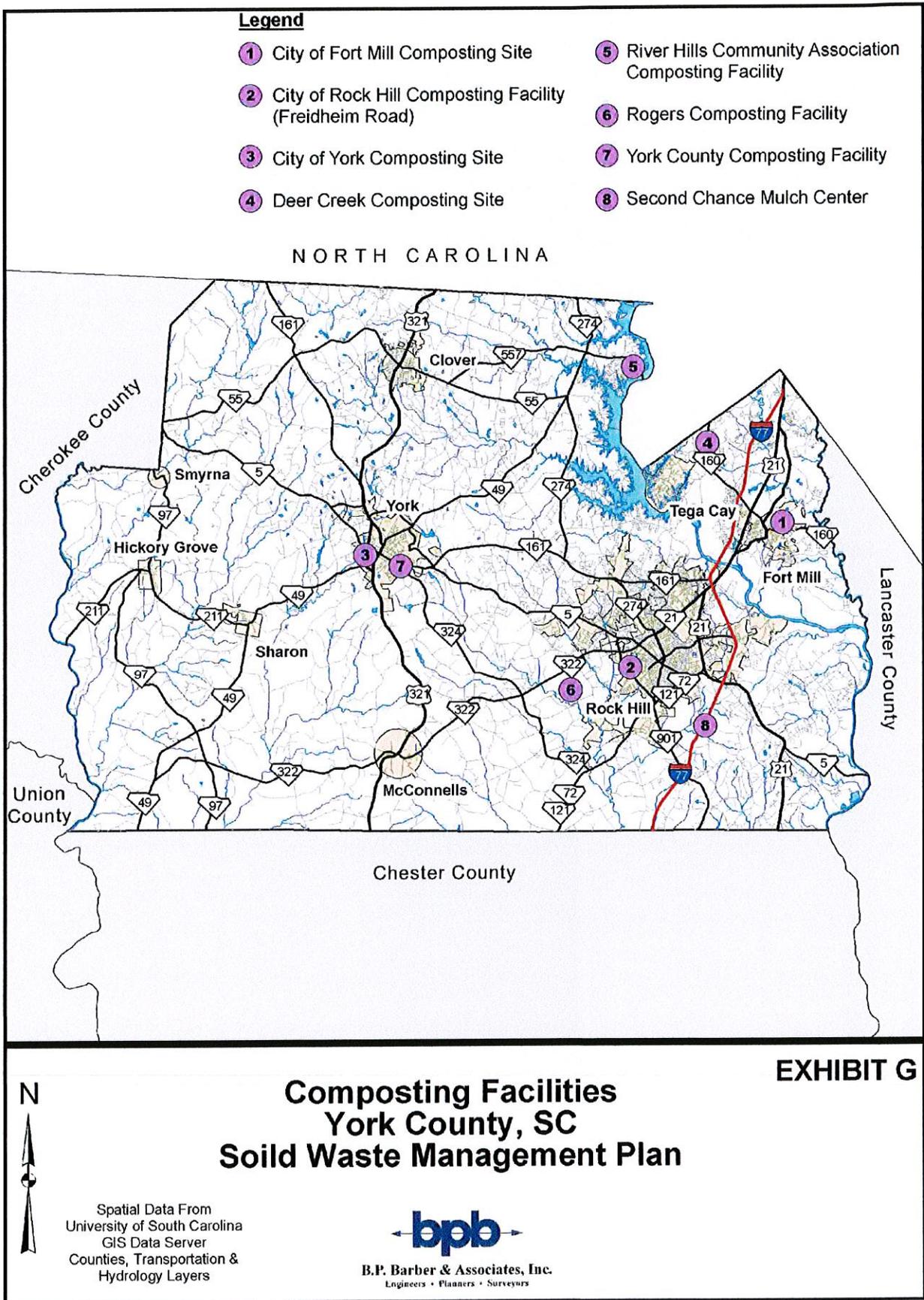
4. Deer Creek Composting Site

The Deer Creek Composting Site (Facility ID No. 462672-3001) is currently active and located near Fort Mill, South Carolina. For more information contact:

Deer Creek Composting Site

Mr. Roger McCall
3016 Deer Creek Road
Fort Mill, South Carolina 29715

IV. Existing Solid Waste Management



5. River Hills Community Association Composting Facility

The River Hills Community Association Composting Facility (Facility ID No. 462497-3002) is currently active. For more information contact:

River Hills Community Association Composting Facility

Mr. Roy F. Atwell
102 Hamilton's Ferry Road
Lake Wylie, South Carolina 29710
Phone: (803) 831-8214

6. Rogers Composting Facility

The Rogers Composting Facility (Facility ID No. 462636-3001) is currently active. For more information contact:

Rogers Composting Facility

Mr. Julian P. Rogers
4183 Mockingbird Lane
Rock Hill, South Carolina 29730
Phone: (803) 327-5705

7. York County Composting Facility

The York County Wood Chipping / Composting Facility (Facility ID No. 461001-3001) is currently active. For more information contact:

York County Composting Facility

Supervisor, Solid Waste Disposal and Recovery
P.O. Box 120
York, South Carolina 29745
Phone: (803) 628-3186

8. Second Chance Mulch Center

The Second Chance Mulch Center (Facility ID No. 462751-3001) is currently active. For more information contact:

Second Chance Mulch Center

Mr. Joshua C. Parker
737 Porter Road
Rock Hill, South Carolina 29730

L. Used Motor Oil Collection and Processing Facilities

Used motor oil, motor oil filters, and motor oil bottles generated by residents of York County are collected at each of the County's convenience centers (Exhibit B on page 15 and Table 5 on page 14).

The used motor oil is collected at these sites in collection tanks and sent to be recycled when the tank reaches capacity. A private contractor is hired to recycle the used oil filters. The motor oil bottles are drained, the motor oil is recycled and the plastic bottles are recycled with other plastic that is collected in the overall recycling program.

There are no commercial permitted used oil collection sites or processing facilities located in the County.

M. Waste Tire Haulers, Collection Facilities, Processing Facilities, and Disposal Facilities

York County processed tires on an "as-needed" basis at one time. However, tire recycling in recent times has been diverted to private tire recyclers.

There are no permitted commercial waste tire processors, disposal facilities or collection facilities in York County at this time.

N. Research, Development, and Demonstration (RD&D) Permits

Research, Development, and Demonstration (RD&D) Permits are issued for innovative and experimental solid waste management technologies and processes.

No research, development, and demonstration permits have been issued recently for any solid waste management facilities within York County.

O. Land Application of Solid Waste Permits

Permits for the land application of solid waste establishes appropriate application rates, frequency of application, and monitoring requirements for the uniform surface spreading

IV. Existing Solid Waste Management

or mechanical incorporation of non-hazardous solid waste on or into soil that is being used for agricultural, silvicultural, and horticultural production. Land application of solid waste is a way to recycle South Carolina's resources and is not a means of waste disposal. Land application of waste water sludge is not subject to this regulation.

There are no land application permits issued for any solid waste facilities within York County.

P. Recycling Programs

Currently, all recycling programs within York County are voluntary. York County, in its effort to reduce the amount of MSW disposed of in landfills, works closely with municipalities, businesses, area residents, schools and industries to establish successful recycling programs. Recycling will reduce the County's contractual solid waste disposal costs and reduce the amount of solid waste disposed of in landfills.

The collection of recyclables and marketing strategies for the sale of recyclables are a team effort of the staff of the Solid Waste Collection & Recycling Collection including the Supervisor, two Assistant Supervisors, and the Recycling Coordinator. The market prices for recyclables fluctuate based on supply and demand. The first goal in the marketing of any material is to find a dealer. A new item is added to the recycling program only after the staff has determined that the market is stable and there will be a long term outlet for the item.

Q. Special Wastes

Special Waste is defined as commercial or nonresidential solid waste, other than regulated hazardous wastes, that are either difficult or dangerous to handle and require unusual management at MSW landfills, including but not limited to pesticide wastes, liquid wastes, sludge, industrial process wastes, wastes from pollution control processes, residue or debris from chemical cleanups, contaminated soil from a chemical cleanup, containers and drums, and animal carcasses. York County does not currently accept any type of special waste at its Drop-Off Center or C&D Landfill. Any special wastes

IV. Existing Solid Waste Management

generated for disposal within York County are the responsibility of the entity generating the waste.

R. Household Hazardous Materials (HHM)

Household Hazardous Material (HHM) is defined as material found around the home, usually in small amounts, which can harm people or the environment. Examples of household hazardous materials include paint, pesticides, cleaning supplies, and batteries. Household hazardous materials are not regulated as hazardous materials by South Carolina law, but are considered part of the MSW stream. Studies show that each household has approximately 7-10 pounds of hazardous materials at either under the kitchen or bathroom sink, in the garage or in the storage building. York County has a permanent household hazardous material collection facility that was funded by a SCDHEC Grant in 2000 and holds quarterly events on Saturday mornings from 8:00 a.m. – 12:00 noon. These events are advertised to citizens through press releases to the local media, fliers handed out at the convenience centers, mail outs, word of mouth, public presentations and the York County website at www.yorkcountygov.com. Some of the items accepted are latex and oil based paint, used motor oil, motor oil filters, motor oil bottles, lawn and garden pesticides, and fertilizers, leftover cleaners, drain openers, chemicals, antifreeze, brake fluid, paint thinner, turpentine, mineral spirits, landscape timbers, tires, cooking oil, lead acid batteries, gasoline and oil mixture, fluorescent lights. The collection is for households only. Large quantities from businesses, farms, or commercials are not accepted. Infectious, biological and/or radioactive materials, gas cylinders and explosives are also prohibited. Staff members work with citizens that call between events on a case by case basis.

S. Import and Export of Waste

The county currently exports solid waste outside of the County to several receiving facilities. The County has no policy regarding the import of waste into the county.

IV. Existing Solid Waste Management

T. Solid Waste Management Funding

York County currently receives funding from landfill tipping fees. Additionally, in 1992 York County established a special tax district known as the York County Solid Waste Collection Special Tax District which included the entire unincorporated areas of the County. This tax is on all taxable property located in the district. The current County Landfill tipping fees are specified by the current York County Ordinance located in Appendix A.

V. FUTURE SOLID WASTE MANAGEMENT

This section of the Solid Waste Management Plan outlines the future waste stream projections and anticipated needs to collect, store, transport, or dispose of solid wastes generated throughout the County over the next twenty (20) years.

A. Waste Stream Projections**1. Municipal Solid Waste**

According to the 2005 South Carolina Solid Waste Management Annual Report, 166,059 tons of MSW was generated within York County. Examination of data between the years 2001 – 2005 indicates that historically, generation rates are increasing approximately 3.5% per year. As population and growth continue to increase in York County, this generation rate is expected to continue in an upward trend.

Table 6 shows the maximum anticipated disposal projections for MSW for the next 20 years (years 2006 through 2025). The projections utilized are based on South Carolina average MSW generation increases of 2.5% per year as obtained from the SCDHEC 2005 Solid Waste Management Annual Report.

2. Construction, Demolition, and Land Clearing (C&D) Debris

According to the 2005 South Carolina Solid Waste Management Annual Report, 97,810 tons of C&D and LCD waste was generated and disposed of in York County for year 2005.

Table 6 shows the maximum anticipated generation projections for C&D and LCD waste for the next 20 years (years 2006 through 2025). The projections are calculated using the state annual increase (2.84%) in C&D waste generation as published in the SCDHEC 2005 Solid Waste Annual Report with a maximum generation cap of 0.62 tons per year per person.

**Table 6 – York County MSW and C&D
Generation Projections* (2006-2025)**

Year	Population	MSW Tons	C&D Tons
2006	193,230	170,210	95,632
2007	196,420	174,466	99,989
2008	199,600	178,827	104,494
2009	202,800	183,298	109,184
2010	205,980	187,881	114,046
2011	209,160	192,578	119,095
2012	212,350	197,392	124,345
2013	215,530	202,327	129,782
2014	218,730	207,385	135,460
2015	221,910	212,570	137,584
2016	225,090	217,884	139,556
2017	228,280	223,331	141,534
2018	231,470	228,914	143,511
2019	234,660	234,637	145,489
2020	237,840	240,503	147,461
2021	241,010	246,516	149,426
2022	244,200	252,678	151,404
2023	247,390	258,995	153,382
2024	250,580	265,470	155,360
2025	253,760	272,107	157,331

* (Source: Population data supplied by SC Budget and Control Board. Generation Rates calculated based on information supplied by Joyce Engineering, Inc. 2004 C&D Needs Report)

3. Industrial Solid Waste

According to the 2005 South Carolina Solid Waste Management Annual Report, 7,037 tons of industrial solid waste generated in York County was disposed at permitted York County ISW landfills.

V. Future Solid Waste Management

B. Collection, Temporary Storage, and Transportation of Municipal Solid Waste

The County operates 16 centers where County residents can conveniently drop off their municipal solid wastes (trash) and recyclables. The sixteen convenience centers include Allison Creek, Baxter, Bethany, Bethel, Bullocks Creek, Cotton Belt, Eastview, Fort Mill – East, Lake Wylie, Lesslie, McConnells, Mt. Gallant, Ogden, Porter Road, Sharon/Hickory Grove, and Tirzah. Municipal solid wastes and recyclables collected at the centers are temporarily stored on site before being transported to the York County landfill and transfer station by County forces. York County Convenience Center locations ensure maximum efficiency for operations, and their selected locations are based on population densities, travel distances, and safety.

Residents can also drop off their municipal solid wastes (trash) and recyclables at the County landfill and transfer station site near the City of York. Solid wastes and recyclables collected at the County's sixteen convenient centers are transported to this site where they are again temporarily stored before being loaded on trucks and transported to processing facilities outside the County.

All County municipal solid waste collection, (temporary) storage, and loading facilities are operated and maintained as an integral function of the York County Solid Waste Management Plan, and the effectiveness of the facilities are evaluated on a day-to-day basis. The County's convenience centers, landfill, and transfer station sites have served the County well over the past years. As population numbers increase in certain areas of the County and the area's convenience center becomes congested and/or overburdened, the County will respond by adding additional convenience centers.

C. Solid Waste Transfer Stations

There are currently two solid waste transfer stations operating in York County. One is owned and operated by York County Government (SCDHEC Ref. No. 461001-6001) and is located at the York County landfill and transfer station site near the City of York. The other is privately owned and operated by Container Corporation of Carolina (CCC)

V. Future Solid Waste Management

(SCDHEC Ref. No. 463323-6001) and is located in the northeastern service area (refer to section 3 of this plan for more information on the service areas) of the county on Flint Hill Road. Both transfer stations handle only municipal solid waste.

It is projected that the current transfer stations will be sufficient to handle the MSW needs of the County for the next twenty (20) years. Therefore, it is anticipated that no new municipal solid waste transfer stations, public or private, will be necessary during this time period. However, although there are currently no C&D and LCD transfer stations currently operating in the county, C&D and LCD transfer stations may be necessary during this time period. Therefore, subject to the provisions of Section H of this chapter, future permitting of C&D and LCD transfer stations will be considered on an as-needed basis.

D. Solid Waste Processing Facilities

Currently, there are no solid waste processing facilities located within York County, and it is anticipated that no solid waste processing facilities will be necessary to fulfill the projected generation and disposal rates through year 2025.

E. Municipal Solid Waste (MSW) Landfills

Currently there are no operating Subtitle D, MSW Landfills located within York County. Subtitle D, MSW landfills are those landfills that are constructed with a composite liner and leachate system to protect the groundwater aquifer from pollution and/or contamination. As noted earlier in this plan, the County owns a Subtitle D, MSW landfill however it is not currently in operation. Construction of this landfill began in year 1996, but construction was temporarily halted when York County made the decision to construct a Solid Waste Transfer Station. It is the intention of York County to not allow any replacements, expansions, or new Subtitle D, MSW Landfills to be constructed and placed in operation in the County with the exception of the York County's permitted Subtitle D, MSW landfill as mentioned above. Should circumstances warrant, the County reserves the right to resume construction and operation of its Subtitle D, MSW landfill in order to manage its waste. This facility has a permitted capacity which should

V. Future Solid Waste Management

handle the projected wastes generated in York County for the next five (5) to seven (7) years.

Currently, MSW generated and collected in the County is transferred to the Screaming Eagle MSW landfill (owned and operated by Waste Management) in Richland County, South Carolina. The County will continue to export their MSW to this facility or to other permitted facilities located outside the county for the foreseeable future. The MSW is currently transported by truck under contracts with private disposal companies. Changes in the disposal site may include other permitted landfills (in-state or out-of-state). This change may be made at the discretion of the contracted privately owned disposal companies.

F. Sludge Monofills

There are no sludge monofills located in York County, and there are no plans to allow the construction of any such facility. Sludge generated in York County is either transported for disposal to a permitted Subtitle D, MSW landfill or disposed on land as permitted by SCDHEC. There are a number of permitted Subtitle D, MSW landfills located nearby to York County that have ample capacity to accept sewage sludge generated within the County limits.

G. Incinerator Ash Monofills

There are no municipal incinerator ash monofills located in York County, and there are no plans at this time to allow the construction of any such facility. Should such a facility be permitted, constructed, and placed into operation, wastes generated by the facility are to be transported for disposal to a permitted facility outside the County where adequate capacity is available.

H. Construction, Demolition, and Land-Clearing Debris (C&D) Landfills

There are four types of construction and demolition (C&D) and land-clearing debris (LCD) landfills. They are as follows.

V. Future Solid Waste Management

Part I Short Term Landfills have a proposed life of 12 months or less, occupy one acre or less, and can only accept land-clearing debris, hardened concrete, hardened/cured asphalt, bricks, and blocks. Part I Short Term Landfills are not subject to consistency determinations.

Part II land-clearing debris (LCD) and Yard Trash (YT) Landfills are used solely for the disposal of trees, stumps, woodchips, and yard trash that is generated by land clearing activities, storm events, and natural disasters (e.g. hurricanes, and tornados). These landfills are limited to structural fill with a projected beneficial end use.

Part III construction and demolition (C&D) Landfills are private landfills with controlled access that serve permanently located utility facilities and manufacturing firms. They may use certain solid waste that is generated on-site for structural fill. Part III construction and demolition (C&D) Landfills are not subject to consistency determinations.

Part IV Long-Term Landfills includes all other landfills not addressed in Parts I, II, and III.

Part I short-term C&D landfills as well as Part III C&D landfills are not subject to consistency determinations; however, Part II and Part IV landfills are subject to consistency determinations as well as the following:

1. General Provisions

The following general provisions shall apply to all new future landfills sited in York County. These general provisions shall not apply to landfills in existence and properly permitted as of December 31, 2006 and also shall not apply to the expansion of those existing landfills properly permitted as of December 31, 2006.

V. Future Solid Waste Management

- a. A construction, demolition and land-clearing debris transfer station may be substituted for a construction, demolition and land-clearing debris landfill (Part IV). Siting a C&D transfer station in lieu of a Part IV C&D landfill negates the need for that landfill as long as the transfer station has adequate capacity to serve the needs of the service area. References to landfills in this Section may, where applicable as a substitute, be a reference to a transfer station.
- b. All permitted construction, demolition and land-clearing landfills (Part II & Part IV) shall be allowed to expand or replace themselves within their respective service areas when permitted capacity has been exhausted.
- c. The annual tonnage recommendations for each service area have been developed (see following sections) and are intended to demonstrate the capacity that may be needed in each service area by year 2025. Should any new landfills be permitted in the future, the maximum permitted capacity should be capped at 40,000 tons per year.
- d. If a Part II or Part IV C&D landfill in the County ceases to operate, a new landfill with equal capacity to that being closed, will be needed as a replacement for the closed landfill subject to the provisions of this Plan.
- e. All new construction, demolition, and land clearing debris landfills (Part IV) will be prohibited from locating within a one and one-half mile radius of any school. The one and one-half mile radius distance requirement will be measured from the perimeter of the school to the latitude and longitude coordinates of the landfill as supplied by SCDHEC in the demonstration of need approval letter.
- f. All new C&D Landfills (Part IV) must meet minimum and mandatory recycling rates of 45%.

V. Future Solid Waste Management

- g. All new C&D Landfills (Part IV) must be located a minimum distance of five (5) miles from the North Carolina border.
- h. Prior to any new landfill being permitted, the landfill developer must provide a Phase One Environmental Site Assessment. Based on the results of the phase one testing, the County may require additional assessments.
- i. No landfill shall be located within or in close proximity (Two Hundred (200') feet) to any river, stream, creek, or lake.
- j. No landfill shall be located within or in close proximity (One Hundred (100') feet) of any 100 year flood plain.
- k. No landfill shall be within One Thousand (1000') feet of any residence existing at the time the landfill receives a County Special Exception permit.
- m. All landfills must comply with the terms within this Solid Waste Management Plan unless specifically exempted by the Plan.
- n. No new landfills in York County shall exceed a height of ninety (90') feet above the elevation of the landfill site before construction was commenced.
- o. Allowances for landfill development as detailed in this Plan shall be subject to the provisions of the Demonstration of Need Regulation, R.61-107.17, which is managed by SCDHEC.
- p. York County shall cause a study and analysis to be performed to determine the need for additional privately-operated landfills in the county and

following such study the York County Council shall determine the need for new or additional privately-operated landfills in the County and amend this Plan based upon its determination of need for privately operated landfills in the County.

2. General Siting

The York County Zoning Ordinance allows for development of Construction and Demolition (C&D) landfills within the following zoning districts (provided a Special Exception is granted by the County Council):

- Agricultural Conservation District (AGC),
- Industrial Development District (ID),

Construction and Demolition landfills must be located on a minimum parcel size of 100 Acres and buffered from adjacent development as required by the York County Zoning Ordinance (§155.400 through §155.412). Minimum parcel sizes and buffers required by the South Carolina Department of Health and Environmental Control (SC DHEC) shall also apply to all C&D landfill sites.

Although not addressed by zoning regulations, the County requires C&D landfills to be located on parcels that have access to roadways that can support both the anticipated volumes of traffic as well as the expected weights. These requirements must address the following as a minimum:

- a. Traffic Volumes: The developer of the C&D landfill shall locate this facility so that it is adjacent to and has direct access to public roadways which are constructed of asphalt surface materials. These public roads must meet a minimum travel width of York County's approved light commercial roadway standard and have a minimum design speed of 35 mph. In addition, a traffic study will be required showing the roads within the immediate vicinity of the proposed C&D landfill can accommodate the

V. Future Solid Waste Management

anticipated traffic volume with no significant drop in the level of service. The limits of this traffic study are dependant on the proposed location of the C&D landfill and the proximity of other major roadway systems.

- b. Traffic Weights: The developer of the C&D landfill shall have a geotechnical engineer investigate existing pavement section(s) and verify in writing that existing roadways providing access to the site are capable of handling the anticipated loadings. Should the existing roadway sections not be structurally capable of handling the anticipated loadings generated by the landfill operations, the developer may make improvements to the roadway(s) to satisfy the requirements provided that adequate right-of-way is available for the improvements.

Developers of C&D landfills are encouraged to coordinate development plans with the appropriate County departments to assure that all necessary information is submitted to County Council for consideration.

In addition to the above mentioned siting requirements, the York County Comprehensive Plan stresses the need to preserve the agricultural, natural, and cultural resources in the County to prevent sprawl. In general, the County feels that larger sites are better suited for C&D landfill sites. The larger sites allow for better screening and buffering, thus minimizing the impact to surrounding parcels. The County considers parcel size on which a landfill may be sited to be critical to achieving its planning goals.

There are approximately 1,400 parcels within the County that are greater than 50 acres in size and over 400 parcels that are in excess of 100 acres. These numbers do not include the possible bundling (or combination) of parcels to create the larger tracts of land the County feels are suitable for landfill sites. The County requires that the minimum parcel size (individual or bundled) for a C&D landfill

V. Future Solid Waste Management

be at least 100 acres. This will serve to maximize the efficiency and minimize the number of such facilities sited within the county.

3. Geographical Location and Landfill Needs

York County's plan divides the County into four quadrants or service areas. The service areas are identified as the Northeastern, Southeastern, Southwestern, and Northwestern service areas. These service areas are shown in Appendix B and are divided by both latitude and longitude lines drawn from county border to county border and centered on the existing York County landfill (coordinates, 34°, 58' 20" N Latitude; 81°, 12' 24" W Longitude). Further descriptions of the service areas follow.

- a. Northeastern Service Area: The Northeastern Service Area includes the City of Tega Cay, the Town of Fort Mill, and the Lake Wylie and River Hills communities. The Northeastern service area is currently experiencing significant amounts of new construction and it is expected to continue for the foreseeable future. The area is attracting large residential, commercial and industrial developments due to the presence of I-77 and its close proximity to the City of Charlotte.

The population of this area was estimated at 51,050 in year 2000 and is expected to increase to approximately 88,816 by year 2025. Based on the projected population increase of this area, it is estimated that approximately 55,066 tons of waste will be generated in this service area in year 2025 (see Appendix C).

Construction and demolition debris waste from this area is generally transported to and disposed of at the existing York County Landfill (located near the City of York) or the Coltharp Landfill (located in Fort Mill Township). Land clearing debris and yard wastes are typically

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transported to and disposed of at either the York County Landfill or the McCall Deer Creek Drive Land Clearing Debris Landfill.

The existing landfills currently meet the C&D disposal needs of this service area; therefore, no new landfills are needed for the service area.

- b. Southeastern Service Area: The Southeastern Service Area includes the City of Rock Hill and the Catawba Indian Nation. The population of this area was estimated at 80,000 in year 2000 and is expected to increase to approximately 116,730 by year 2025. Based on the projected population increase of this area, it is estimated that approximately 72,372 tons of waste will be generated in this service area in year 2025 (see Appendix C).

Construction and demolition debris waste from this area is generally transported to and disposed of at the existing York County Landfill. Land clearing debris and yard wastes are typically transported to and disposed at the existing York County Landfill, the City of Rock Hill LCD & YT Landfill, the Creekside LCD & YT Landfill, or the Clawson LCD & YT Landfill.

The existing landfills currently meet the C&D disposal needs of this service area. However, the long-term growth forecast for the area indicates that additional C&D landfill capacity will be needed in the area. To meet the needs of this service area, York County anticipates expanding the capacity of the York County Landfill to provide sufficient disposal capacity for the service area. Therefore, no new landfills are needed for the service area.

- c. Southwestern Service Area: The Southwestern Area is primarily agricultural in nature and includes the Town of Smyrna, the southern half of the Town of Hickory Grove, the towns of Sharon and McConnells, and

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a small portion of the City of York. The area is predominantly rural in character with a vast amount of land in the area being designated for agricultural conservation.

The population of this area was estimated at 6,600 in year 2000 and is expected to increase to approximately 12,688 by year 2025. Based on the projected population increase of this area, it is estimated that approximately 7,867 tons of waste will be generated in this service area in year 2025 (see Appendix C).

Construction and demolition debris waste from this area is generally transported to and disposed of at the existing York County Landfill. The existing landfills currently meet the C&D disposal needs of this service area; therefore, no new landfills are needed for the service area.

- d. Northwestern Service Area: The Northwestern Service Area includes King Mountain State Park, the northern half of the Town of Hickory Grove, the Town of Clover, and the majority of the City of York. Significant new construction, predominantly residential, is expected in this area.

The population of this area was estimated at 25,000 in year 2000 and is expected to increase to approximately 35,526 by year 2025. Based on the projected population increase of this area, it is estimated that approximately 22,026 tons of waste will be generated in this service area in year 2025 (see Appendix C).

Construction and demolition debris waste from this area is generally transported to and disposed of at the existing York County Landfill. The existing landfills currently meet the C&D disposal needs of this service area; therefore, no new landfills are needed for the service area.

4. Conclusions

Currently in York County, 122,000 tons of C&D disposal capacity is permitted and based on waste generation projections will adequately serve the County through year 2011. Prior to year 2012, the York County Landfill will need to expand its landfill capacity in order to provide sufficient disposal capacity in future years. As development and growth continues, the County will need to closely monitor waste disposal rates that are being generated in the County and amend the Plan as necessary to provide for the future needs of C&D waste.

I. Industrial Solid Waste (ISW) Landfills

There are currently four (4) on-site ISW landfills located in York County. They include:

Bowater, Inc. ISWLF (SCDHEC Ref. No. 463318-1601)

Celanese Acetate, LLC (SCDHEC Ref. No. 463312-1601)

Celanese Acetate, LLC (SCDHEC Ref. No. 463312-1602)

Duke Power Company (SCDHEC Ref. No. 463303-1601)

Based on current knowledge of industrial waste generation and existing capacities, it is anticipated that no replacements, expansions, or new commercial ISW Landfills will be necessary to fulfill the capacity requirements of the County through year 2025.

J. Solid Waste Incinerators

York County currently has no operating municipal solid waste incinerators. Although incinerators are viable alternatives to land disposal, the County does not anticipate any growth in this area of waste management. Sufficient landfill capacity is available in the state at this time. Therefore, it is anticipated that no new solid waste incinerators will be necessary to fulfill the disposal capacity requirements of the County.

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There are eight (8) composting facilities currently located in York County. They include:

Town of Fort Mill Composting	(SCDHEC Ref. No. 461003-3001)
City of Rock Hill Composting	(SCDHEC Ref. No. 461002-3002)
City of York Composting	(SCDHEC Ref. No. 461004-3001)
Deer Creek Composting	(SCDHEC Ref. No. 462672-3001)
Pressley Composting	(SCDHEC Ref. No. 462655-3001)
River Hills Community Composting	(SCDHEC Ref. No. 462497-3002)
Rogers Composting	(SCDHEC Ref. No. 462636-3001)
York County Composting	(SCDHEC Ref. No. 461001-3001)

The County encourages the practice of recycling wood waste in this manner.

L. Used Motor Oil Collection and Processing Facilities

Used motor oil is currently collected at the County's 16 convenience centers. Used motor oil is also collected during the Household Hazardous Material Collection program that is held periodically by the County. Collected oils are transported and disposed of outside the County limits. York County does not currently have any burning, processing, or refining facilities operating within the County limits. Disposal needs of the used motor oils are currently being met, thus it is anticipated that no new permitted motor oil collection or processing facilities (i.e. burning, processing, or refining facilities) will be necessary to fulfill the capacity requirements of the County.

M. Waste Tire Haulers, Collectors, Processing Facilities, and Disposal Facilities

At one time York County operated a waste tire processing facility, but due to high maintenance and operation costs the County terminated the permit. Currently the County

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collects waste tires at its sixteen (16) convenience centers and at the County landfill and transfer station near the City of York. Waste tires collected are temporarily stored before being transported to a recycling facility in North Carolina. It is anticipated that no new waste tire processing and disposal facilities will be necessary to fulfill the capacity requirements of the County.

N. Research, Development, and Demonstration (RD&D) Permits

RD&D projects applies to facilities proposing to utilize an innovative and experimental solid waste management technology or process. At this time the County feels that RD&D projects will be unnecessary during the planning period to meet the goals of the county.

O. Land Application of Solid Waste Permits

York County currently does not hold a permit to dispose of its solid wastes through a land application process, and it is anticipated that no such permit will be requested over the planning period.

P. Recycling Programs

York County plans to improve its recycling programs through the use of new technologies and strategies. As recycling technology and commodity markets become more advanced, York County will evaluate further recycling opportunities. York County will continue to educate its residents on the importance and benefits of recycling.

Q. Special Wastes

York County will continue to handle special wastes in accordance with its existing procedure which directs the waste to existing Subtitle D landfills outside the County. Therefore, it is anticipated that no special waste disposal facilities will be required throughout the planning period.

V. Future Solid Waste Management

R. Household Hazardous Materials (HHM)

York County will continue to collect HHM according to the current procedures. The County will continue to periodically schedule collection days for the citizens.

S. Import and Export of Waste

York County has no policy regarding the import or export of solid waste to private commercial facilities. County owned and operated facilities do not accept waste from individuals or businesses outside York County. The County ships MSW to landfills outside the county.

T. Treatment of Contaminated Soils

Upon discovery of contaminated soils within the County, York County will take necessary steps for removal and proper disposal or treatment of the soils in accordance with solid waste regulations. Contaminated soils are typically disposed at a permitted Subtitle D landfill. It is anticipated that there will be no need for an expanded or new soil treatment facility during the planning period.

VI. GOALS, POLICIES, STRATEGIES, AND BARRIERS**A. Reduction**

In June 2000, the solid waste management goals outlined in the Solid Waste Policy and Management Act of 1991 were revised as follows:

“It is the goal of this State to reduce, on a statewide per capita basis, the amount of MSW being generated to 3.5 pounds per day not later than June 30, 2005.”

In addition, the following definition was amended stating:

“MSW includes, but is not limited to, wastes that are durable goods, nondurable goods, containers and packaging, food scraps, yard trimmings, and miscellaneous inorganic wastes from residential, commercial, institutional, and industrial sources including, but not limited to, appliances, automobile tires, old newspapers, clothing, disposable tableware, office and classroom paper, wood pallets, and cafeteria wastes. MSW does not include solid wastes from other sources including, but not limited to, construction and demolition debris, auto bodies, municipal sludges, combustion ash, and industrial process wastes that also might be disposed of in municipal waste landfills or incinerators.”

In order for York County to meet the 3.5-pounds per day reduction goal established by the state, county residents in conjunction with businesses and organizations must reduce the amount of defined MSW generated for disposal within the County. Speaking engagements, tours of solid waste and recycling facilities, newspaper articles, radio and TV commercials, displays, and conferences are some of the methods that will be used to promote source reduction. A continued education effort in source reduction is anticipated to decrease the amount of waste transported for disposal in landfills. York County has already taken positive steps toward source reduction with the implementation of a voluntary recycling program including waste tire recycling and used oil recycling. The public must continue to be informed of the benefits of recycling and the various ways in which residents can help in this endeavor. By separating out a greater percentage of recyclable aluminum, paper, cardboard, and plastic, York County’s waste stream can be greatly reduced.

B. Recycling

The South Carolina Solid Waste Policy and Management Act of 1991 mandated a 25% recycling goal, calculated by weight, based on a per capita waste generation rate for municipal solid waste. In June 2000, the solid waste management goals were revised as follows:

“It is the goal of this State to recycle, on a statewide basis, at least thirty-five percent (35%), calculated by weight, of the MSW stream generated in this State no later than June 30, 2005.”

During FY04, York County residents recycled 22.8 percent of defined MSW which was slightly better than the state average of 22.4 percent. Much work is yet to be done to reach the state established goal of 35 percent. Public education will inform residents of recycling programs being implemented within York County and the best way for each resident to participate. An informed public is more likely to recycle than an uneducated public. York County will place a larger emphasis on recycling with commercial businesses, retailers, etc. in an effort to increase the County’s overall recycling rate. York County will continue to develop and distribute literature that focuses on recycling and its importance to the environment.

C. Educational Programs

Successful public education programs for solid waste have been implemented in many communities and areas. These have included multi-media education efforts, school programs, presentations and contests, information hotlines, brochures and other publications, and workshops and service organization presentations. The method of educational delivery will be through printed materials, audio/visual presentations, school presentations, and media coverage. All educational programs will be evaluated and revised according to the change in resident’s behavior as indicated by the MSW stream reduction and increase in the collection of recyclable material.

York County Solid Waste Collection & Recycling partners with the City of Rock Hill and the Museum of York County to implement the Environmental Education Liaison

Program. Each school in the four school districts can appoint a liaison to attend the meetings. Below is an outline of the program and an example of the liaison duties.

Environmental Education Liaison Program

Purpose:

To disseminate environmental education information, resources and materials to area teachers and assist them as they promote a healthy and sustainable future

Duties:

- ◆ Attend quarterly Environmental Education meetings to receive current project and event information. Liaisons are expected to attend at least 3 meetings in order to serve as an effective liaison for your school. If you are unable to attend a meeting please send another representative from your school in your place. The meetings will be held at the Museum of York County at 4:15 p.m. on the following dates:
 - Monday, Aug 1st (Liaison Luncheon 12:00 a.m. Baxter Hood Center);
Monday, Oct 3rd; Monday, Jan 9; Monday, Mar 13th.
- ◆ Distribute Environmental Education materials in your school as requested.
- ◆ Inform teachers in your school about Environmental Education opportunities throughout the curriculum and grade levels.
 - **SC DHEC Action for a Cleaner Tomorrow curriculum-** (which is correlated to the SC science standards for grades K-12). Teacher training on this curriculum is also available.
 - **Lending Library Materials-** hundreds of books, videos, and curriculum guides are available for check-out in the Clean & Green office, and at the York County Public Works Office. Please see the *Environmental Education Resource Guide* for a complete listing of materials that are available.
 - **Teaching Kits-** Several kits with all materials and lessons plans inside are available for teacher loan. Please see the *Environmental Education Resource Guide* for a complete listing of kits/trunks that are available from Clean & Green, York County and the Museum of York County.
 - **Guest Speakers-** dozens of environmental topics can be tailored to a unit in order to enhance classroom activities in introducing or culminating a unit. In Sept. and Jan. "Museum to Go" programs are available to visit your classroom from the Museum of York County. Reservations for guest speakers should be made as soon as possible.
 - **Field Trips-**
 - Tours of York county transfer station or York County Convenience Centers can be made by calling Leslie Hatchell at 628-3181 [leslie.hatchell@yorkcountygov.com].
 - River Park and Fewell Park (which can include the talking tree) experiences can be made by calling Jane Hayes at 329-5527 [janehayes@hotmail.com].
 - Museum of York County field trips can be scheduled by calling 981-9182.

VI. Goals, Policies, Strategies, and Barriers

- **Curbside Recycling Truck-** a truck can be brought to your school for a recycling vehicle demonstration. Reservations should be made at least 2-3 weeks in advance.
- **Instructional Student Gifts-** pens, pencils, litter bags, stickers, temporary tattoos or other items are usually available for teachers to use as teaching tools or prizes.
- Assist with announcements and flyer distribution to promote these special annual partnership events
- America Recycles Day- November 17-18, 2005
- Earth Day Birthday- April 29, 2006
- Encourage participation Earth Day Birthday activities on April 29, 2006 with a hands-on learning exhibit, craft, game or food booth and encourage attendance at America Recycles Day activities on Sunday, November 20, 2005 at the Museum of York County.
- Assist with recycling and Environmental Education projects at school
- Recycling of paper, newspaper, magazines and other materials (*select a lead liaison to serve as contact for school recycling information*)
- Environmental clubs
- School yard habitats
- St. Jude greeting card collection program
- Ring Leader plastic 6-pack ring collection, etc.
- Promote awareness of
- Environmental Education funding opportunities
- Opportunities to achieve recognition for students, faculty and school:
 - Annual Recycling School of the Year award program
 - SC DHEC Recycling School of the Year
- Countywide recycling events
 - Household Hazardous Material Collection
 - Electronics Recycling
- Be willing to serve on subcommittees as needed.
- Be an advocate for promoting a healthy and sustainable environment through our daily actions.

Benefits:

- Free classroom materials.
- Technical assistance in setting up a recycling or environmental education program.
- Free family admission passes to the Museum of York County and Historic Brattonsville.
- Professional development opportunities.
- Advanced notice of upcoming events and opportunities.
- Annual Environmental Education Liaison Luncheon.
- Super door prizes and giveaways at all meetings.

To make reservations or to obtain more information call:

Nancy Crane, 329-2121; Leslie Hatchell, 628-3181; Elizabeth Morgan, 329-7027

York County Solid Waste Collection & Recycling also partners with the Museum of York County and the City of Rock Hill in promoting America Recycles Day and Earth Day Birthday. The partnership is very beneficial to all involved because it maximizes resources, helps promote a common goal and helps all groups reach the same audience at one time.

The South Carolina Office of Solid Waste Reduction and Recycling was created by the Solid Waste Policy and Management Act of 1991 and is part of the Division of Mining and Solid Waste Management. The Office of Reduction and Recycling, in accordance with the Act of 1991, provides educational, technical, and grant assistance to local governments, schools, colleges, and universities and the public regarding solid waste management issues. York County has and will continue to work with the Office of Reduction and Recycling to obtain assistance with their public education campaign and grant preparation.

D. Technical Assistance

The contact for information concerning MSW management, recycling, and source reduction in the State is as follows:

Department of Health and Environmental Control
Office of Solid Waste Reduction and Recycling
2600 Bull Street
Columbia, SC 29201
(803) 896-4000
1-800-SOUSEIT (1-800-768-7348)

VII. REVISION AND CONSISTENCY WITH WASTE MANAGEMENT PLANS**A. Annual Progress Reports**

Section 44-96-60 of the Act requires SCDHEC to submit to the Governor and General Assembly a comprehensive report on solid waste management in South Carolina, by March 15 of each calendar year. Therefore, SCDHEC requires each county or region to submit an Annual Progress Report to the Department by October 1 of each year. The Annual Progress Report shall contain information as may be requested by the Department but must contain, at a minimum, the following:

- Any revisions to the Solid Waste Management Plan not previously submitted by the county or region;
- The amount, type, and percentage of materials that were recycled, if any, during the previous year;
- The percentage of the population participating in various types of source separation, recovery, or recycling activities during the previous year; and
- A description of the source separation, recovery, or recycling activities or all of the above activities attempted, if any, their success rates, the reasons for their success or failure, and a description of such activities, which are ongoing.

B. Amendment to the York County Solid Waste Management Plan

The York County Solid Waste Management Plan will be reviewed annually by the York County Department of Public Works and amended as needed by the York County Council to ensure consistency with the South Carolina Solid Waste Management Plan. Section 44-96-80(E) of the Act of 1991 states that all solid waste management plans shall be consistent with the South Carolina Solid Waste Management Plan, provisions of state law and regulations promulgated by the Department for the protection of public health and safety and the protection of the environment. Revisions to the Solid Waste Management Plan will be made to keep this document as an up-to-date planning and communication tool so that the general public is kept abreast of solid waste issues affecting York County. Any amendments or revisions to this Amended Plan must be submitted by the York County Public Works Director and approved by the York County

VII. Revision and Consistency with Waste Management Plans

Council following three (3) readings and a public hearing after proper notice. The effective date of the amendments or revisions to this Amended Plan will be the date the suggested amendments or revisions are approved by the York County Council. Any amendments or revisions made to the York County Solid Waste Management Plan will be submitted to SCDHEC by the York County Council.

C. Determining Consistency with County Solid Waste Management Plan

An applicant for obtaining a permit for a solid waste management facility must submit a request for a consistency determination through SCDHEC. All SCDHEC correspondence regarding consistency shall be forwarded to the York County Manager for comment. The York County Manager may comment to SCDHEC regarding all consistency correspondence.

D. Severability

Should any provision of this Amended York County Solid Waste Management Plan or any application thereof be deemed invalid or unenforceable, the remainder of this Amended York County Solid Waste Management Plan and any other application of such provision(s) shall not be affected thereby.

VIII. FULL COST DISCLOSURE

York County funds all solid waste and recycling activities through tax revenues and tipping fees.

In accordance with the Act of 1991, York County shall annually determine the full cost for solid waste management services. Such figures will help to determine the annual solid waste/recycling fee. The County shall publish a notice by October 1, in a newspaper of general circulation, setting forth the full cost to all users, on an individual basis, of its solid waste management services for the previous Fiscal Year. Table 7 below gives the full cost disclosure based on the Fiscal Year 2004 Budget.

Table 7 - York County Solid Waste Management Full Cost Disclosure (FY 2004)

Item	Amount
Total Net Cost	\$12,642,676
Population	178,070
Cost per Capita	\$71.00

Source: SCDHEC Fiscal Year 2004 Solid Waste Management Annual Report
<http://www.scdhec.gov/recycle/forms/section5.pdf> Page 29

Appendix A

Solid Waste

Code of Ordinances

for

York County

South Carolina

Print

York County Code of Ordinances

CHAPTER 50: SOLID WASTE

Section

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- 50.02 Definitions
- 50.03 Legislative findings
- 50.04 County to regulate
- 50.05 Enforcement; officers
- 50.06 Criminal offenses; criminal penalties
- 50.07 Use of convenience centers and roadside containers
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Disposal of Waste at County Landfill

- 50.25 Legislative findings
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- 50.28 Affidavit describing materials or substances required
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York County Solid Waste Collection Special Tax District

- 50.45 Created
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- 50.47 Operation as administrative division of county
- 50.48 Levy of taxes and uniform service charges; expenditure of same
- 50.49 Tax for fiscal year commencing July 1, 1992, established
- 50.50 Annexation of areas within district
- 50.51 Contracts with municipalities, entities and others
- 50.52 Deposit of taxes, uniform service fees, rates, fees and charges in special account; special fund established

- 50.99 Penalty

GENERAL PROVISIONS**§ 50.01 [RESERVED].****§ 50.02 DEFINITIONS.**

For the purpose of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

CELLULOSIC MATERIALS. Any solid waste composed of unsoiled plant tissue, such as, yard trash, land clearing debris, untreated and unpainted lumber, and the like, that has not come into contact with hazardous constituents, special waste, petroleum products or PCBs.

CONSTRUCTION AND DEMOLITION DEBRIS. Any discarded solid wastes resulting from construction, remodeling, repair and demolition of structures, road building and land clearing. The wastes include, but are not limited to bricks, concrete and other masonry materials, soil, rock, road spoils, paving material and tree and brush stumps, lumber, plywood, particle board, siding, shingles and any materials designed for construction of buildings, sheds or structures, but does not include solid waste from agricultural or silvicultural operations.

CONVENIENCE CENTERS. Centers established by the county throughout the county for the collection, recycling and disposal of household solid waste and recyclable materials.

FOREIGN WASTE. Any solid waste generated from any county other than York County.

HOUSEHOLD WASTE. All putrescible household animal and vegetable waste, paper, cardboard boxes, tin cans, glass, plastic food and liquid containers, coat hangers, clothing, disposable household products or waste ordinarily and customarily generated in day-to-day

household operations. The term **HOUSEHOLD WASTE** shall not be construed to mean or include appliances, furniture, industrial waste, tree limbs, brush, grass, machinery, equipment or other kinds of waste, objects or matter.

MUNICIPAL SOLID WASTE LANDFILL. Any sanitary landfill or landfill unit, publicly or privately owned, that receives household waste. The landfill may also receive other types of approved solid waste, such as commercial waste, nonhazardous sludge and industrial solid waste.

NONRESIDENT. Person, or persons, not owning real property within the county.

ROADSIDE CONTAINER. Containers placed by the county throughout the county for the collection of household garbage.

SANITARY LANDFILL. A land disposal site employing an engineered method of disposing of solid waste on land in a manner that minimizes environmental hazards and meets the design and operation requirements of 1991.

SPECIAL HANDLING WASTE. Any permitted solid waste, garbage or refuse that requires any extra or abnormal handling to be disposed, compacted or buried in a municipal solid waste landfill.

WHITE GOODS. Appliances and other items containing a significant percentage of recoverable or recyclable metals including, but not limited to refrigerators, ranges, water heaters, freezers, dishwashers, trash compactors, washers, dryers, air conditioners and commercial large appliances.

(‘77 Code, § 7-20) (Ord. 4293, passed 11-15-93)

§ 50.03 LEGISLATIVE FINDINGS.

(A) The County Council finds that the public health, safety and welfare requires that rules, regulations and procedures be established and promulgated governing the collection, deposit and disposal of permitted solid waste materials in the county’s municipal solid waste landfill and in county convenience centers and solid waste collection and disposal facilities. The Council finds that the South Carolina General Assembly has mandated that a coordinated statewide solid waste management program is needed to protect public health and safety, protect and preserve the quality of the environment and conserve and recycle natural resources. The Council finds that counties have been mandated by the South Carolina Solid Waste Policy and Management Act of 1991 to plan for and provide efficient, environmentally acceptable solid waste management services and programs; to utilize all means of managing solid waste; to develop and implement source separation, resource recovery or recycling programs, or all of the above; or enhance existing programs so that valuable materials may be returned to productive use, energy and natural resources conserved and the useful life of solid waste management facilities extended.

(B) The Council further finds that local governments have been encouraged or required pursuant to the South Carolina Solid Waste Policy and Management Act of 1991 to ensure that solid waste is transported, stored, treated, processed and disposed of in a manner adequate to protect human health, safety and welfare and the environment; to promote the reduction, recycling, reuse and treatment of solid waste and the recycling of materials which would otherwise be disposed of as solid waste; to promote the education of the general public and the training of solid waste professionals to reduce the generation of solid waste in order to ensure

proper disposal of solid waste and to encourage recycling. The County Council is authorized by S.C. Code § 44-96-80(k) to enact ordinances as may be necessary to carry out its responsibilities under the South Carolina Solid Waste Policy and Management Act of 1991, not inconsistent with the state solid waste management plan, any provision of the South Carolina Solid Waste Policy and Management Act of 1991, any applicable provision of state law or any regulation promulgated by the Department of Health and Environmental Control for the health and safety of the public or for the protection of the environment.

(C) Pursuant to its authority and in accordance with the powers conferred upon it, the Council has determined that there is a substantial need for the enactment of an ordinance governing rules, practices and procedures for the collection, deposit and disposal of solid waste matter; defining and regulating the materials which may be deposited in the county municipal solid waste landfill (s), transfer stations, convenience centers or other county solid waste facilities; prohibiting loitering at or trespassing upon county municipal solid waste landfill sites, county convenience centers or other county solid waste facilities; prohibiting interference with county solid waste landfill(s), convenience centers or other county solid waste facilities or the removal, scattering, probing or recycling, recovery or diversion activities; authorizing the county manager to promulgate rules and regulations governing the hours of operation and the maintenance and operating procedures for county municipal solid waste landfill(s), convenience centers or other solid waste facilities; materials which may be deposited in county municipal solid waste facilities; promulgating safety rules and procedures, emergency rules and regulations; rules and regulations in case of shut-down and other rules and regulations appropriate to the operation of a county-wide system of solid waste collection and disposal; providing for penalties for the violation of this section; and certain other matters.

(‘77 Code, § 7-21) (Ord. 4293, passed 11-15-93)

§ 50.04 COUNTY TO REGULATE.

(A) The collection and disposal of solid waste in areas of the county outside the municipal limits of any incorporated city or town which regulates the collection and disposal of its solid waste shall be governed and regulated by the provisions of this code. The county shall operate and maintain one or more municipal solid waste landfills, convenience centers, transfer stations and other facilities for the collection, transportation, storage, handling, separation, treatment, reduction, reuse and disposal of solid waste. The county manager shall promulgate written rules and regulations governing the hours of operation and the maintenance and operating procedures for county municipal solid waste landfill(s), convenience centers, transfer stations and other county solid waste facilities. The county manager shall further promulgate safety rules and procedures at county municipal solid waste landfill(s), convenience centers, transfer stations and other solid waste facilities; emergency rules and regulations; rules and regulations in case of shut-down; and other rules and regulations appropriate to the operation of a county system for the collection, transportation, storage, handling, separation, treatment.

(B) Rules and regulation promulgated by the county manager shall be reduced to writing and filed in the office of the county manager, where the rules and regulations shall be available for public inspection and review during normal office hours.

(C) The County Council shall adopt rules and regulations governing the types of materials which may be deposited in county municipal solid waste landfill(s), convenience center, transfer

stations and county solid waste facilities. Rules and regulations shall be reduced to writing and filed in the office of the county manager, where the rules and regulations shall be available for public inspection and review during normal office hours.

(‘77 Code, § 7-22) (Ord. 4293, passed 11-15-93)

§ 50.05 ENFORCEMENT; OFFICERS.

The primary responsibility for the enforcement of the provisions of this chapter is devolved upon and delegated to the county manager, who shall enforce the provisions of this chapter through one or more employees designated for that purpose. All lawfully constituted law enforcement officers in the county are hereby empowered to enforce and carry out the provisions of this chapter.

(‘77 Code, § 7-23) (Ord. 4293, passed 11-15-93)

§ 50.06 CRIMINAL OFFENSES; CRIMINAL PENALTIES.

(A) S.C. Code § 16-11-700, as amended by the South Carolina Solid Waste Policy and Management Act of 1991, is hereby adopted by reference, mutatis mutandis.

(B) Any person violating any provision of this chapter or any rule or regulation promulgated pursuant thereto shall be guilty of a misdemeanor or a felony, according to the nature of the offense, as provided by S.C. Code § 16-11-700, as amended, and upon conviction shall be fined or imprisoned as provided by S.C. Code § 16-11-700, as amended.

(‘77 Code, § 7-24) (Ord. 4293, passed 11-15-93)

§ 50.07 USE OF CONVENIENCE CENTERS AND ROADSIDE CONTAINERS.

Convenience centers and roadside containers may be established or placed by the county at convenient locations throughout the county. County convenience centers and roadside containers shall be used only by residents of the unincorporated area of the county and by agreement between the county and municipalities located within the county, by residents of such municipalities solely for the collection, storage, handling, separation, treatment, reduction, recycling and disposal of permitted household solid waste, as defined in this chapter. Household solid waste may be deposited in compliance with this chapter in county convenience centers and roadside containers. No household solid waste, garbage or litter shall be deposited, left or disposed of on the ground or near roadside containers or outside the fenced area of a county convenience center. No permitted household solid waste shall be deposited, left or disposed of at county convenience centers and roadside containers except during usual business hours. The use of convenience centers by private garbage collectors is prohibited. All solid waste and garbage other than household solid waste as defined in this chapter shall be deposited and disposed of in a county municipal solid waste landfill, a municipal solid waste landfill or a sanitary landfill licensed by the South Carolina Department of Health and Environmental Control for the receipt and disposal of the solid waste.

(‘77 Code, § 7-25) (Ord. 4293, passed 11-15-93)

§ 50.08 ABUSE OF CONVENIENCE CENTERS, ROADSIDE CONTAINERS, SOLID WASTE FACILITIES OR LANDFILLS; SCAVENGING OF CONTENTS.

(A) It shall be unlawful for any person to damage or abuse any county convenience center, county municipal solid waste landfill or county solid waste facility, property or equipment in any manner.

(B) It shall be unlawful for any person to interfere with the operation of or loiter about county convenience centers, roadside containers, county municipal solid waste landfills or county solid waste facilities, property or equipment or to remove, scatter, probe, scavenge, disturb, sift or sort through the contents thereof; provided, however, that the provisions of this section shall not be construed to prohibit the collection, transportation, storage, handling, separation, treatment, reduction, recycling, reuse or disposal of solid waste by authorized county personnel as a part of the implementation or administration of county solid waste management plans, services or programs.

(‘77 Code, § 7-26) (Ord. 4293, passed 11-15-93) Penalty, see § 50.99

§ 50.09 USE OF MUNICIPAL SOLID WASTE LANDFILLS, CONVENIENCE CENTERS, ROADSIDE CONTAINERS AND FACILITIES BY NONRESIDENTS.

(A) Nonresidents of the county shall not be permitted to deposit solid waste, garbage or refuse of any description in county municipal solid waste landfills, convenience centers, roadside containers or solid waste facilities.

(B) No person, including, but not limited to private licensed collectors, shall deposit any solid waste, garbage or refuse that has been generated, collected or transported from any county other than York County in any county municipal solid waste landfill, convenience center, roadside container or solid waste facility maintained by York County, except by special permit from the office of the county manager.

(‘77 Code, § 7-27) (Ord. 4293, passed 11-15-93) Penalty, see § 50.99

§ 50.10 LOITERING, AND THE LIKE, AT A COUNTY LANDFILL, CONVENIENCE CENTER OR SOLID WASTE FACILITY.

It shall be unlawful for any person to loiter about or trespass upon any county municipal solid waste landfill, convenience center, roadside container or solid waste facility or come thereon except for the transaction of business during normal operating hours. No person shall remove, scatter, probe through, scavenge, interfere with or disturb waste, garbage or refuse or other matter, objects or materials deposited in or collected at any county municipal solid waste landfill, convenience center, roadside container or solid waste facility.

(‘77 Code, § 7-28) (Ord. 4293, passed 11-15-93) Penalty, see § 50.99

DISPOSAL OF WASTE AT COUNTY LANDFILL

§ 50.25 LEGISLATIVE FINDINGS.

(A) The County Council finds that the collection and disposal of solid waste in the county is governed by §§ 50.02 through 50.10. The Council finds that the health, safety and welfare of the county and its citizens requires the promulgation and establishment of additional rules, standards, regulations and procedures governing the collection, deposit and disposal of solid waste materials in the county's municipal solid waste landfill, county convenience centers and county solid waste facilities. This subchapter is intended to supplement §§ 50.02 through 50.10 and applicable statutes of the state and rules and regulations of the Department of Health and Environmental Control. The Council finds that there is a need for the enactment of an ordinance establishing procedures for the disposal of wastes, materials or substances other than ordinary household solid waste, inert waste or cellulosic waste at county solid waste disposal facilities.

(B) The Council further finds that there is a need for the enactment of ordinances and laws prohibiting the disposal of certain hazardous waste, infectious waste, radioactive waste and certain nonhazardous materials and substances at the county's municipal solid waste landfill, convenience centers and other county solid waste disposal facilities.

('77 Code, § 7-29) (Ord. 4293, passed 11-15-93)

§ 50.26 PROCEDURES ESTABLISHED FOR DEPOSIT OR DISPOSAL OF CERTAIN NONHAZARDOUS WASTE MATTER.

Any person, firm or corporation desiring to deposit or dispose of any waste materials other than normal household solid waste, inert waste or cellulosic waste at any county municipal solid waste landfill, convenience center, roadside container or any other facilities constituting a part of the county's solid waste collection, storage, treatment, processing or recycling systems shall comply with the following requirements and procedures:

(A) A written application for a permit or authorization to deposit or dispose of any waste material or substance, other than normal household waste, inert waste or cellulosic waste, in the county's municipal solid waste landfill or in any facility constituting a part of the county solid waste collection, treatment, storage, processing, recycling or disposal systems shall be filed with the South Carolina Department of Health and Environmental Control in accordance with applicable statutes and laws and rules, regulations, policies and procedures of State Department of Health and Environmental Control;

(B) A written permit or written approval from the State Department of Health and Environmental Control shall be obtained by the applicant;

(C) The applicant shall submit to the public works department a written application to dispose of the approved material after written approval or a written permit from the State Department of Health and Environmental Control shall have been obtained, which application shall contain, at a minimum, the following information:

(1) A copy of the approval or permit issued by the Department of Health and Environmental Control;

- (2) A detailed chemical analysis of the material proposed to be deposited;
- (3) The quantity of the material to be deposited;
- (4) The frequency of deposit or disposal and the method of transportation to be used;
- (5) The anticipated time of arrival at the proposed disposal site;

(6) Other information as may be required by the South Carolina Solid Waste Policy and Management Act of 1991, any federal statute or regulation, any statute, law or regulation of the State of South Carolina or any agency or department thereof, and any agency, board, commission or department of the county; and

(7) Before any material or substance may be deposited or disposed of in the county facilities, the applicant shall execute an agreement between the applicant and the county defining the terms and conditions upon which materials or substances may be deposited or disposed of in the county facilities.

(‘77 Code, § 7-30) (Ord. 4293, passed 11-15-93)

§ 50.27 GRANTING OR DENYING OF PERMIT OR APPROVAL.

The county’s public works department shall review all applications for deposit or disposal of waste other than normal household waste and cellulosic waste and upon the review grant a permit, modify the application or request or reject or refuse to accept any and all materials submitted or proposed to be deposited or disposed of in the county municipal solid waste landfill, convenience centers or other county solid waste facilities. The public works department may, in its discretion, grant a provisional or conditional permit or approval for the deposit of any proposed material or substance in county solid waste disposal facilities. If the public works department, in the exercise of its discretion, grants a permit or approval for the deposit or disposal of materials or substances in the county municipal solid waste landfill or in other county solid waste collection and disposal facilities, the permit or approval shall state the provisions or conditions applicable thereto, and may be revoked by the public works department or the county at any time.

(‘77 Code, § 7-31) (Ord. 4293, passed 11-15-93)

§ 50.28 AFFIDAVIT DESCRIBING MATERIALS OR SUBSTANCES REQUIRED.

If a provisional or conditional permit or approval is granted to any applicant for the deposit or disposal of any material or substance in county solid waste disposal facilities, each load of material or substance presented for deposit or disposal in the county municipal solid waste landfill or any facility constituting a part of the county solid waste collection and disposal systems shall be accompanied by a written affidavit under oath of the applicant or some knowledgeable person which shall contain the name of the generator, a detailed description of the material or substance to be deposited or disposed of, the quantity of the material or substance and a copy of the permit or approval letter from the State Department of Health and Environmental Control.

(‘77 Code, § 7-32) (Ord. 4293, passed 11-15-93)

§ 50.29 TESTING OF MATERIALS.

(A) The public works department or independent contractors approved by the public works department shall take random samples of materials and substances presented for deposit or disposal at the county municipal solid waste landfill or any facility constituting a part of the county solid waste collection and disposal systems, which samples shall be analyzed at a laboratory or facility approved by the county. The costs of analysis shall be paid by the generator of the materials or substances.

(B) If, upon analysis, any sample is found to contain materials other than those approved in the Department of Health and Environmental Control permit or approval letter, or if any sample contains material regulated under the South Carolina Hazardous Waste Management Act, the South Carolina Infectious Waste Management Act, the South Carolina Atomic Energy and Radiation Control Act, the Southeast Interstate Radioactive Waste Compact or the South Carolina Mining Act, or materials which may be hazardous or injurious to the health, safety or welfare of the county or contrary to sanitary practices or which the public works department, in its discretion, rejects for any other reason, the public works department may suspend permits, approvals or privileges of the generator or applicant to the use of the county municipal solid waste landfill or the county solid waste disposal facilities and in addition, the public works department may initiate legal actions including, but not limited to actions for damages or injunctive relief and criminal prosecutions as may be appropriate.

(‘77 Code, § 7-33) (Ord. 4293, passed 11-15-93)

§ 50.30 CONDITIONAL APPROVAL AND PERMITS.

(A) Each permit or approval granted by the public works department is conditional and shall be subject to the capacity and ability of the county municipal solid waste landfill or other county solid waste collection, storage, treatment, processing, recycling and disposal facilities to receive, process and dispose of the material or substance at the time of delivery.

(B) The right is reserved unto the county to refuse to accept any materials or substances tendered for deposit or disposal in the county municipal solid waste landfill or any other county solid waste collection and disposal systems for collection, storage, treatment, processing, recycling or disposal.

(‘77 Code, § 7-34) (Ord. 4293, passed 11-15-93)

§ 50.31 CERTAIN WASTE PROHIBITED.

It shall be unlawful for any person, firm or corporation to deliver, deposit, dispose of or tender for delivery, deposit or disposal at the county municipal solid waste landfill, any county convenience center or any other county solid waste collection or disposal facility any material or substance defined or regulated as hazardous waste, infectious waste, radioactive waste, processed mineral waste as defined or regulated by any federal statute or regulation, any statute or regulation of the state or any agency thereof or any ordinance, law, rule or regulation of the county or any agency or department thereof.

(‘77 Code, § 7-35) (Ord. 4293, passed 11-15-93) Penalty, see § 50.99

§ 50.32 MISIDENTIFICATION OR MISREPRESENTATION OF MATERIALS PROHIBITED.

It shall be unlawful for any person, firm or corporation to misrepresent, mislabel or incorrectly identify or describe any materials or substances tendered or presented for collection, deposit, treatment or disposal at the county municipal solid waste landfill, the county convenience centers or any county solid waste collection and disposal facility.

(‘77 Code, § 7-36) (Ord. 4293, passed 11-15-93) Penalty, see § 50.99

§ 50.33 FEES AND CHARGES.*(A) Legislative findings.*

(1) As an incident to the enactment of this section, the County Council has made the following legislative findings. The county currently operates a construction and demolition debris landfill, transfer station, recycling center, convenience centers and solid waste, garbage and refuse.

(2) Local governments, including counties, are required pursuant to S.C. Code § 44-96-90 to determine the full cost of solid waste management services within their respective service areas.

(3) The County Council has determined that it is necessary and appropriate to discharge its responsibilities for the collection, transportation, storage, handling, separation, treatment, reduction, recycling, reuse and disposal of household solid waste generated within the unincorporated area of the county through the establishment, equipping, construction and operation of solid waste collection and disposal sites and facilities which shall be funded by the assessment and levy of ad valorem property taxes, the establishment of a special tax district, uniform service charges or all of the methods of funding and by rates, fees and charges for the use of county solid waste collection facilities. The County Council finds that the rates, fees and charges for the disposal of permitted solid waste at the county municipal solid waste landfill are in compliance with federal and state statutes, laws and regulations.

(4) The Council finds that the schedule of rates, fees and charges established by this section is reasonable, proper and appropriate to provide for the operation, administration and maintenance of the county municipal solid waste landfill and other county solid waste collection, storage, handling, separation, treatment, recycling and disposal facilities.

(B) Establishment of permanent rates, fees and charges. The following schedule of rates, fees and charges is hereby established and shall apply to the deposit or disposal of solid waste, garbage or refuse permitted by law to be deposited at the county municipal solid waste landfill (s):

(1) For permitted solid waste household waste, garbage or refuse delivered by all providers, including, but not limited to municipalities, commercial haulers, businesses and county convenience centers, the tipping fee shall be \$37.50 per ton, with a minimum charge of \$5 per load;

(2) For permitted yard waste, waste wood, clearing debris and other cellulosic materials, \$27 per ton, with a minimum charge of \$5 per load;

(3) For automobile and truck tires, \$75 per ton, with a minimum charge of \$10 per load; (For heavy equipment oversized tires (larger than 11 inches by 24.5 inches), \$.088 per pound, with a minimum charge of \$10 per load. If, upon delivery of automobile or truck tires to the landfill, the owner of the tires presents an invoice clearly demonstrating that the owner has paid the \$2 per new tire fee for those tires as required by the South Carolina Solid Waste Policy and Management Act of 1991, the owner will not be required to pay any county disposal fee for those tires for which the new tire fee for those tires has been paid. This exemption is not applicable to heavy equipment oversized tires.)

(4) For white goods and waste and scrap metals, \$20 per ton, with a minimum \$5 charge per load.

(5) For construction and demolition debris, the tipping fee shall be \$25 per ton, with a \$5 minimum charge per load.

(6) For items requiring special handling or special provisions for disposal, including, but not limited to items requiring issuance of a special waste disposal permit by either the South Carolina Department of Health and Environmental Control or the county, \$50 per ton, with a minimum charge of \$25 per load; and (For large, bulky or difficult to handle or accommodate items, \$70 per ton, with a minimum charge of \$35 per load for special handling: fees, rates and charges for permitted solid waste, garbage or refuse requiring special handling to be determined based on the weight, special handling required and circumstances of each case.)

(7) For all other items or materials, the disposal rate shall be in accordance with policies and procedures of the county's solid waste disposal and recovery department and in no case less than \$20 per ton, with a minimum charge of \$5 per load.

(C) *Foreign waste prohibited.* Non-residents of the county shall not be permitted to deposit solid waste in the county municipal solid waste landfill except by special permit issued by the office of the county manager. No person or private licensed contractor shall deposit any solid waste that has been generated, collected or transported from any county other than York County in any municipal solid waste landfill, convenience center or other county solid waste collection, treatment or disposal facility except by special permit from the office of the county manager.

(D) *Payment of rates, fees and charges.* Rates, fees or charges for the deposit, treatment or disposal of solid waste at the municipal solid waste landfill or at any county solid waste collection or disposal facility shall be paid, collected, received and deposited in accordance with the ordinances of the county and the policies and procedures established by the County Council and administrative policies and procedures established or promulgated by the county manager. Exceptions: Individuals delivering solid waste from their residence and Adopt-a-Highway litter delivered by the State Department of Transportation shall be exempt from payment of tipping fees.

('77 Code, § 7-37) (Ord. 4293, passed 11-15-93; Am. Ord. 6795, passed 12-19-95; Am. Ord. 1404, passed 6-21-04; Am. Ord. 2808, passed 6-16-08)

YORK COUNTY SOLID WASTE COLLECTION SPECIAL TAX DISTRICT

§ 50.45 CREATED.

There is hereby created and established a special tax district to be known as the York County Solid Waste Collection Special Tax District which shall include and be comprised of the entire unincorporated area of the county (an area coterminous with the entire area of the county less and except the areas included within the municipalities of Fort Mill, Tega Cay, Rock Hill, York, Clover, McConnells, Sharon, Hickory Grove and Smyrna).

(‘77 Code, § 7-201) (Ord. 4592, passed 7-6-92)

§ 50.46 PURPOSES.

The County Solid Waste Collection Special Tax District is created and established for the following purposes and functions:

- (A) To promote the public health, safety and welfare;
- (B) To ensure that solid waste is transported, stored, treated, processed and disposed of in a manner adequate to protect human health, safety and welfare and the environment;
- (C) To promote the reduction, recycling, reuse and treatment of solid waste and the recycling of materials which would otherwise be disposed of as solid waste;
- (D) To provide an efficient method for the collection, transportation, storage, handling, treatment, reduction, recycling, reuse and disposal of solid waste in the unincorporated area of the county through the establishment, construction and operation of solid waste collection sites and other facilities for the use and benefit of residents of the unincorporated area of the county and other municipalities, entities or persons who contract for the use of county facilities for the collection of permitted solid waste in accordance with county ordinances and regulations;
- (E) To implement the South Carolina Solid Waste Management Act of 1991;
- (F) To protect and preserve the quality of the environment and to conserve and recycle natural resources;
- (G) To determine the full cost of solid waste management services, as required by the South Carolina Solid Waste Policy and Management Act of 1991 within the county’s service area; and
- (H) To establish a special tax district which shall assess and levy ad valorem property taxes, uniform service charges, or both, and collect rates, fees and charges as may be established from time to time by the County Council for the collection, transportation, storage, separation, handling, treatment, reduction, recycling, reuse and disposal of household solid waste generated within the unincorporated area of York County.

(‘77 Code, § 7-202) (Ord. 4592, passed 7-6-92)

§ 50.47 OPERATION AS ADMINISTRATIVE DIVISION OF COUNTY.

The special tax district shall be operated as an administrative division of the county.

(‘77 Code, § 7-203) (Ord. 4592, passed 7-6-92)

§ 50.48 LEVY OF TAXES AND UNIFORM SERVICE CHARGES; EXPENDITURE OF SAME.

The County Council shall annually, by ordinance, provide that there shall be levied by the county auditor and collected by the county treasurer, in the same manner as county taxes are levied and collected, a tax on all taxable property located within the County Solid Waste Collection Special Tax District in an amount to be established annually by ordinance and/or Council may annually establish uniform service charges by ordinance, or both. The proceeds from the tabs and/or uniform service charges, or both, and rates, fees and charges established by Council shall be used to pay in whole or in part the costs of acquiring, equipping, operating and maintaining facilities and sites for the collection, transportation, storage, handling, separation, treatment, reduction, recycling, reuse and disposal of household solid waste generated within the unincorporated area of the county.

(‘77 Code, § 7-204) (Ord. 4592, passed 7-6-92)

§ 50.49 TAX FOR FISCAL YEAR COMMENCING JULY 1, 1992, ESTABLISHED.

The county auditor shall levy and the county treasurer shall collect, in the same manner as county taxes are levied and collected, a tax of \$661,608 on all taxable property located within the special tax district, the proceeds of which shall be applied to the cost of administering and operating district solid waste collection and disposal programs.

(‘77 Code, § 7-205) (Ord. 4592, passed 7-6-92)

§ 50.50 ANNEXATION OF AREAS WITHIN DISTRICT.

Upon annexation of any area included within the special tax district by any municipality located within the county by proper annexation proceedings, the area annexed by the municipality shall, upon notice from the annexing municipality, be removed from the area included in the special tax district without further action by the County Council.

(‘77 Code, § 7-206) (Ord. 4592, passed 7-6-92)

§ 50.51 CONTRACTS WITH MUNICIPALITIES, ENTITIES AND OTHERS.

The county and the special tax district are hereby authorized and empowered to enter into contracts with municipalities, entities and persons for the use of county solid waste collection facilities upon the terms and conditions and for the rates, fees and charges as may be approved by the County Council or the county manager pursuant to standards established by the County Council from time to time. All contracts shall incorporate by reference all ordinances adopted and regulations promulgated by the County Council for the use of county solid waste collection facilities.

(‘77 Code, § 7-207) (Ord. 4592, passed 7-6-92)

§ 50.52 DEPOSIT OF TAXES, UNIFORM SERVICE FEES, RATES, FEES AND CHARGES IN SPECIAL ACCOUNT; SPECIAL FUND ESTABLISHED.

The county treasurer shall deposit all taxes levied and collected pursuant to this chapter and all uniform service fees collected pursuant to this chapter in a special fund to be known as the Solid Waste Collection Fund, and all funds deposited in the Solid Waste Collection Fund shall be expended for the administration, acquisition, equipping, operation and maintenance of the county solid waste collection and disposal programs.

('77 Code, § 7-208) (Ord. 4592, passed 7-6-92)

§ 50.99 PENALTY.

Any person, firm or corporation violating any provision of this chapter or any rule or regulation promulgated pursuant thereto shall be guilty of a misdemeanor or felony as provided in S.C. Code § 16-11-700, as amended by the South Carolina Solid Waste Policy and Management Act of 1991, which statute is hereby adopted by reference mutatis mutandis, and upon conviction shall be punished by a fine or imprisonment as provided by S.C. Code § 16-11-700.

('77 Code, § 7-38) (Ord. 4293, passed 11-15-93)

AN AMENDED ORDINANCE

TO AUTHORIZE YORK COUNTY TO TAKE ALL STEPS NECESSARY OR APPROPRIATE TO WITHDRAW FROM THE CATAWBA REGIONAL SOLID WASTE MANAGEMENT PLAN; TO ADOPT AND PROVIDE FOR THE IMPLEMENTATION OF AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN APPLICABLE TO YORK COUNTY PURSUANT TO THE SOUTH CAROLINA SOLID WASTE POLICY AND MANAGEMENT ACT OF 1991, AS AMENDED, AND APPLICABLE REGULATIONS OF THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL, AS REVISED AND AMENDED; TO PROVIDE FOR THE COLLECTION, STORAGE AND TRANSPORTATION OF SOLID WASTE; TO PROVIDE FOR SOLID WASTE TRANSFER STATIONS; TO PROVIDE FOR SOLID WASTE PROCESSING FACILITIES; TO PROVIDE FOR THE RECEIPT AND DISPOSAL OF MUNICIPAL SOLID WASTE; TO PROVIDE FOR SOLID WASTE PROCESSING FACILITIES AND MUNICIPAL SOLID WASTE LANDFILLS; TO PROVIDE FOR CONSTRUCTION, DEMOLITION AND LAND CLEARING DEBRIS LANDFILLS, INDUSTRIAL SOLID WASTE LANDFILLS AND RELATED FACILITIES; TO ADDRESS SOLID WASTE INCINERATORS; TO PROVIDE FACILITIES FOR COMPOSTING, WOOD CHIPPING AND SHIPPING; TO PROVIDE FOR THE COLLECTION AND PROCESSING OF USED MOTOR OIL AND REQUIRED FACILITIES; TO PROVIDE FOR THE COLLECTION, PROCESSING AND DISPOSAL OF WASTE TIRES AND REQUIRED FACILITIES; TO PROVIDE FOR RESEARCH, DEVELOPMENT AND DEMONSTRATION PERMITS; TO PROVIDE FOR THE LAND APPLICATION OF SOLID WASTE PERMITS; TO PROVIDE METHODS, PROGRAMS AND FACILITIES FOR RECYCLING; TO PROVIDE FOR THE HANDLING OF SPECIAL WASTE; TO PROVIDE FOR THE COLLECTION AND DISPOSAL OF HOUSEHOLD HAZARDOUS MATERIALS; TO PROVIDE FOR THE IMPORT AND EXPORT OF WASTE; TO PROVIDE FOR FUNDING FOR SOLID WASTE MANAGEMENT FACILITIES AND PROGRAMS; TO PROVIDE FOR THE FUTURE COLLECTION, STORAGE, TRANSPORTATION AND DISPOSAL OF SOLID WASTE; TO AUTHORIZE THE ESTABLISHMENT OF SOLID WASTE TRANSFER STATIONS, PROCESSING FACILITIES, LANDFILLS, MONOFILLS, CONSTRUCTION, DEMOLITION AND LAND CLEARING DEBRIS LANDFILLS, INDUSTRIAL SOLID WASTE LANDFILLS, SOLID WASTE INCINERATORS, COMPOSTING AND WOOD CHIPPING AND SHREDDING FACILITIES, THE COLLECTION, PROCESSING AND DISPOSAL OF USED MOTOR OIL, THE COLLECTION, PROCESSING AND DISPOSAL OF WASTE TIRES; RESEARCH, DEVELOPMENT AND DEMONSTRATION PERMITS, LAND APPLICATION PERMITS, RECYCLING PROGRAMS, THE HANDLING OF SPECIAL WASTE, THE HANDLING, COLLECTION AND DISPOSAL OF HOUSEHOLD HAZARDOUS MATERIALS, IMPORT AND EXPORT OF WASTE, AND TREATMENT OF CONTAMINATED SOILS; TO ESTABLISH GOALS, POLICIES, AND STRATEGIES; TO PROVIDE FOR AMENDMENT, REVISION AND DETERMINATION OF CONSISTENCY WITH WASTE MANAGEMENT PLANS; TO PROVIDE FOR A PUBLIC HEARING; AND TO PROVIDE FOR OTHER MATTERS RELATING THERETO.

BE IT ORDAINED AND ENACTED BY THE COUNTY COUNCIL OF YORK COUNTY, SOUTH CAROLINA, IN MEETING DULY ASSEMBLED:

Section 1. Legislative findings.

As an incident to the enactment of this ordinance, the York County Council, as the governing body of York County, South Carolina, makes the following legislative findings:

1.1 The South Carolina General Assembly has mandated that a coordinated statewide solid waste management program is needed to protect public health and safety; protect and preserve the quality of the environment; and conserve and recycle natural resources.

1.2 The South Carolina General Assembly enacted the South Carolina Solid Waste Policy and Management Act (the "Act") to promote appropriate methods of solid waste management; establish a state solid waste management policy and goals; require periodic amendments to the State Solid Waste Management Plan; require annual reports; define local government responsibilities with respect to solid waste management plans; provide for the promulgation of regulations relating to the management of solid waste; define requirements for the management, handling and disposal of certain solid waste and provide for other matters, all of which are more fully addressed in the South Carolina Solid Waste Policy and Management Act, S.C. Code Ann. § 44-96-10 et seq.

1.3 Pursuant to the provisions of S.C. Code Ann. § 44-96-80 of the Act, the governing body of each county was mandated to prepare a solid waste management plan for an area within the county or the governing bodies of counties in a region were mandated to prepare a solid waste management plan for the area within the counties within such region. The requirements for such county or regional plans are contained in Section 44-96-80 of the Act and related statutory enactments and regulations.

1.4 Pursuant to the requirements of the Act, York County, Chester County, Lancaster

County and Union County submitted a Regional Solid Waste Management Plan which was approved by the South Carolina Department of Health and Environmental Control for the management of solid waste within the region encompassed by York County, Chester County, Lancaster County and Union County.

1.5 York County is generating increasingly large volumes of solid waste which may pose a threat to human health and safety and to the environment if not properly managed or if managed in facilities inadequately designed and operated to ensure protection of human health and safety in the environment. Additional new solid waste management facilities are not needed at this time but may be required in future years to replace older facilities as they reach capacity or are required to be closed. The population of York County has increased at a rate greater than increases in the populations of Chester, Lancaster and Union Counties. The governing body of York County has the responsibility and authority to provide for the operation of solid waste management facilities to meet the needs of all incorporated and unincorporated areas of York County pursuant to § 44-96-80 (J) and the York County governing body is authorized to enact such ordinances as may be necessary to carry out its responsibilities under the South Carolina Solid Waste Policy and Management Act, S.C. Code Ann. § 44-96-80 (K).

1.6 The York County Council finds that (i) changes in volumes and sources of solid waste generated in York County and the need to protect human health, safety, and welfare in the environment; (ii) the need to promote the reduction, recycling, reuse and treatment of solid waste and the recycling of materials which would otherwise be disposed of as solid waste in York County; (iii) the need to promote the education of the general public and the training of solid waste professionals to reduce the generation of solid waste in order to ensure the proper disposal of solid waste and to encourage recycling in York County and (iv) the need to plan for and provide efficient,

environmentally acceptable solid waste management facilities and programs in York County have established a need for York County to withdraw from the Regional Solid Waste Plan submitted by York County, Chester County, Lancaster County and Union County, and to amend the Solid Waste Management Plan applicable to York County to ensure that solid waste generated in York County is transported, stored, treated, processed and disposed of in a manner adequate to protect human health, safety and welfare and the environment in York County and promote the reduction, recycling, reuse and treatment of solid waste and the recycling of materials which would otherwise be disposed of as solid waste in York County.

1.7 Pursuant to its authority and in accordance with the powers conferred upon it, the York County Council has caused amendments to the solid waste management plan applicable to York County to be developed for the collection, transportation, storage, treatment, processing and disposal of solid waste in York County.

1.8 The amended York County Solid Waste Management and Disposal Plan amends the provisions of the existing Regional Solid Waste Management Plan submitted to the South Carolina Department of Health and Environmental Control by York County, Chester County, Lancaster County and Union County. The amended York County Solid Waste Plan will promote the objectives and goals of the State Solid Waste Policy and Management Act, the Regional Solid Waste Management Plan to which York County was a party and better serve the needs of York County and should be adopted.

Section 2. Withdrawal from Regional Solid Waste Plan.

The withdrawal of York County from the Regional Solid Waste Management Plan previously submitted by York, Chester, Lancaster and Union Counties and approved by the South Carolina Department of Health and Environmental Control is hereby authorized and approved and the

Regional Solid Waste Management Plan submitted to and approved by the South Carolina Department of Health and Environmental Control as a Regional Plan is hereby amended to exclude York County as a participant in the previously approved Regional Plan with York, Chester, Lancaster and Union Counties.

Section 3. Amended Solid Waste Management Plan approved.

The amended York County Solid Waste Management Plan, prepared by B.P. Barber & Associates, Inc., and the York County Public Works Department, as further amended, which is attached hereto and incorporated herein by reference, is hereby adopted and approved and shall become effective in York County upon the adoption of this ordinance.

Section 4. Public Hearing.

~~The York County Council has ordered that a public hearing on this ordinance be held in addition to previous public hearings, workshops and meetings and has published a Notice of Public Hearing in a newspaper of general circulation in York County, South Carolina.~~

Section 5. Inconsistent Codes and Ordinances Amended.

All sections of the York County Code and all county ordinances in conflict with this ordinance and all provisions of the Solid Waste Management Plan applicable to York County are hereby amended to the extent of such conflict.

Section 6. Severability.

The provisions of this ordinance are hereby declared to be severable, and if any provision or section of this ordinance or the amended York County Solid Waste Management Plan adopted herein is declared to be unconstitutional or unenforceable by the final order of a court of competent jurisdiction, such declaration shall not affect the constitutionality, legality or enforceability of any other provision or section of this ordinance, or the amended plan which shall remain in full force and

effect.

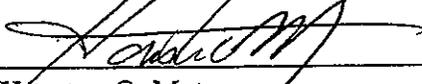
Section 7. Effective Date.

This ordinance shall become effective on the adoption of this ordinance.

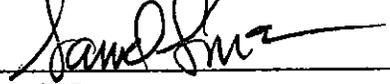
Adopted this 28th day of February, 2007.

YORK COUNTY, SOUTH CAROLINA

By: _____


Houston O. Motz
Chairman, York County Council

Attest: _____


David Larson
Interim County Manager

1st reading: August 14, 2006

2nd reading: October 16, 2006

Public hearing: February 28, 2007

3rd reading and adoption: February 28, 2007

AN ORDINANCE

TO AMEND SECTION 50.01 OF THE YORK COUNTY CODE, RELATING TO THE SOLID WASTE ADVISORY COUNCIL, BY DELETING SECTION 50.01 OF THE YORK COUNTY CODE IN ITS ENTIRETY; TO PROVIDE FOR A PUBLIC HEARING; TO PROVIDE FOR THE REPEAL OF INCONSISTENT SECTIONS OF COUNTY CODES AND ORDINANCES WITH THIS ORDINANCE; AND TO PROVIDE FOR OTHER MATTERS RELATING THERETO.

BE IT ORDAINED AND ENACTED BY THE COUNTY COUNCIL OF YORK COUNTY, SOUTH CAROLINA, IN MEETING DULY ASSEMBLED:

Section 1. As an incident to the enactment of this ordinance, the County Council of York County, South Carolina, as the governing body of York County, South Carolina, has made the following legislative findings:

1.1 Council is empowered to establish such boards, commissions and positions in the county as may be necessary and proper to provide services of local concern for public purposes and to prescribe the functions thereof.

1.2 Council is authorized and empowered to regulate, modify, merge or abolish any such commissions.

1.3 York County was mandated by the South Carolina Solid Waste Policy and Management Act to submit a single county plan or a regional plan with other counties in the region for the management of solid waste within the county or the region. York County submitted a Regional Solid Waste Plan with other counties in the region, consistent with the requirements of the South Carolina Solid Waste Policy and Management Act.

1.4 Consistent with the requirements of the Solid Waste Policy and Management Act, including the requirements of S.C. Code Ann. 44-96-80(N), the York County Council established a Solid Waste Advisory Council, the function of which was to advise the county or region on the preparation of a solid waste management plan and on methods of implementing the plan through the enactment of Section 50.01, et seq., of the York County Code. Pursuant to the provisions of Section 50.01(C)(3), the local Solid Waste Advisory Council was required to remain in existence until the end of the Department of Health and Environmental Control's 180-day review period for the plan.

1.5 The Regional Solid Waste Plan formulated for counties in piedmont South Carolina, including York County, was approved by the South Carolina Department of Health and Environmental Control.

1.6 Council finds that the York County Solid Waste Advisory Council has fulfilled its statutory responsibilities and that the Department of Health and Environmental Control has approved the Regional Solid Waste Plan of which York County was a member party. Council finds that there is no additional function for the York County Solid Waste Advisory Council to perform and that the York County Solid Waste Advisory Council has fulfilled its statutory responsibilities and is no longer needed. Accordingly, Council finds that the provisions of Section 50.01 of the York County Code, relating to the York County Solid Waste Advisory Council, should be repealed.

Section 2. Section 50.01 of the York County Code is hereby repealed.

Section 50.01 of the York County Code, including subsections (A), (B), (C) and all subparts thereof, (D) and (E) are hereby repealed. The repeal of section 50.01 of the York County Code shall not affect the remaining sections, subsections and provisions of Chapter 50 of the York County Code, entitled "Solid Waste" shall remain in force and effect.

Section 3. Public hearing required.

The York County Council shall hold a public hearing after publishing a notice of the date, time and place of such hearing at least fifteen (15) days in advance of such hearing before final legislative action is taken for the adoption of this ordinance.

Section 4. Severability.

The provisions of this ordinance are hereby declared to be severable, and if any provision or section of this ordinance is declared to be unconstitutional or unenforceable by the final order of a court of competent jurisdiction, such declaration shall not affect the constitutionality, legality or enforceability of any other section or provision of this ordinance.

Section 5. Repeal of inconsistent sections and ordinances.

All sections of the York County Code and all York County ordinances in conflict with this ordinance are hereby amended to the extent of such conflict.

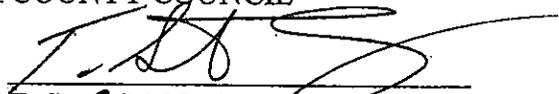
Section 6. Effective date.

This ordinance shall take effect immediately upon adoption.

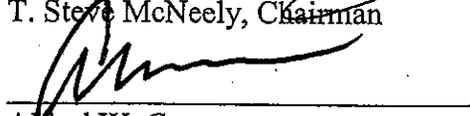
ADOPTED THIS 5th DAY OF June, 2006.

YORK COUNTY COUNCIL

BY:


T. Steve McNeely, Chairman

Attest:

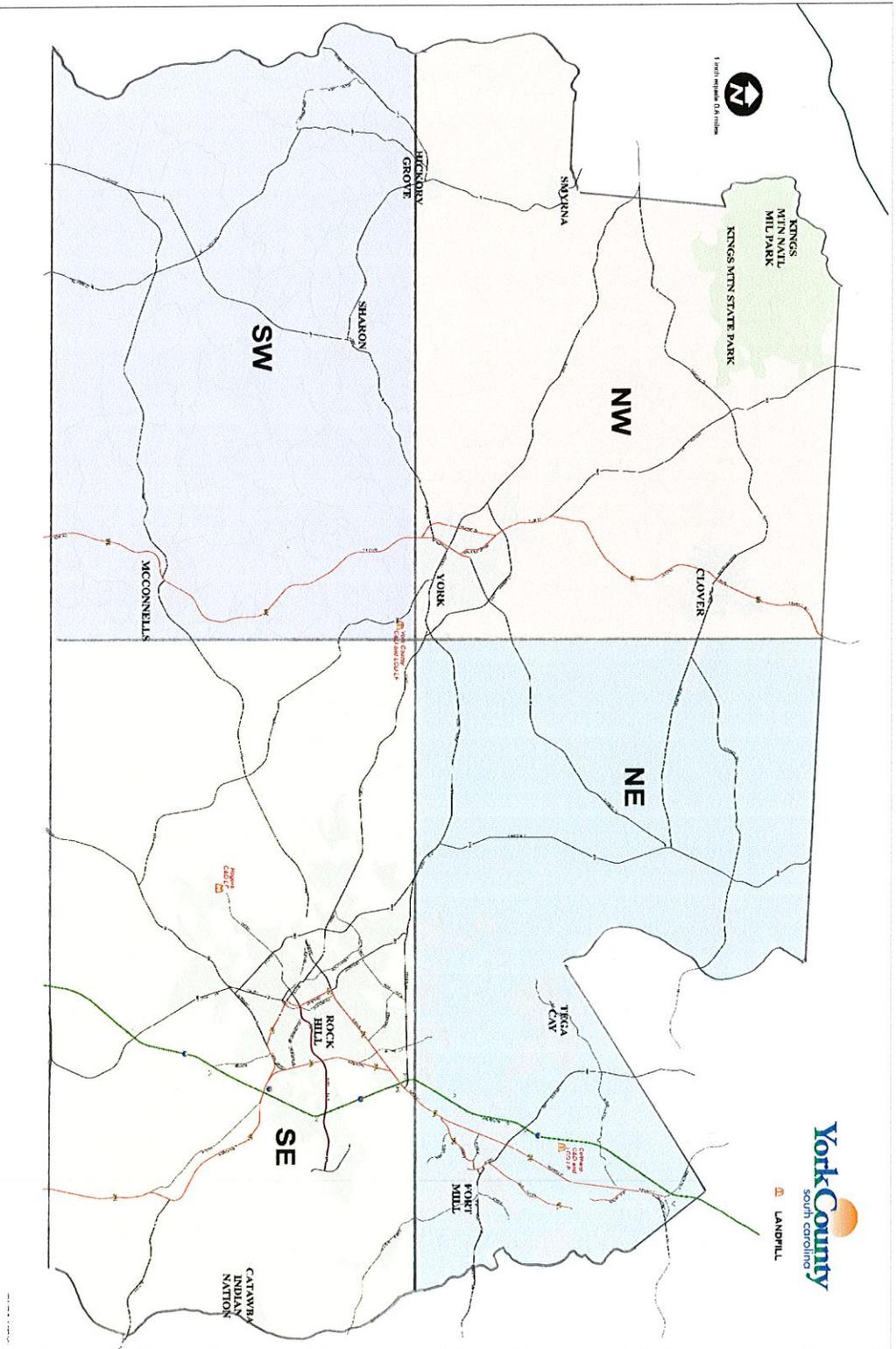

Alfred W. Greene
County Manager

First Reading: February 22, 2006
Second Reading: May 15, 2006
Public Hearing: June 5, 2006
Third Reading: June 5, 2006

Appendix B

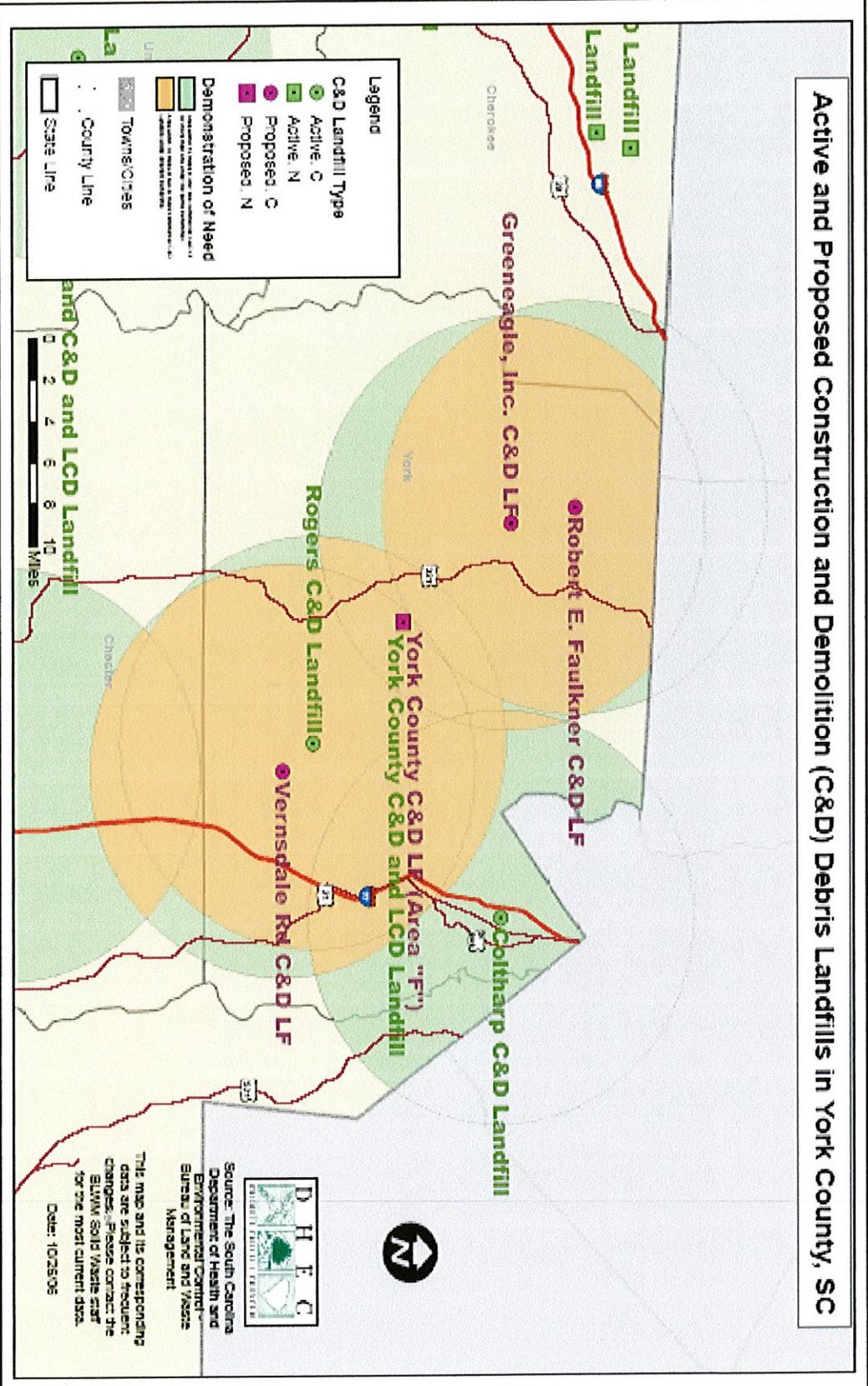
Service Areas

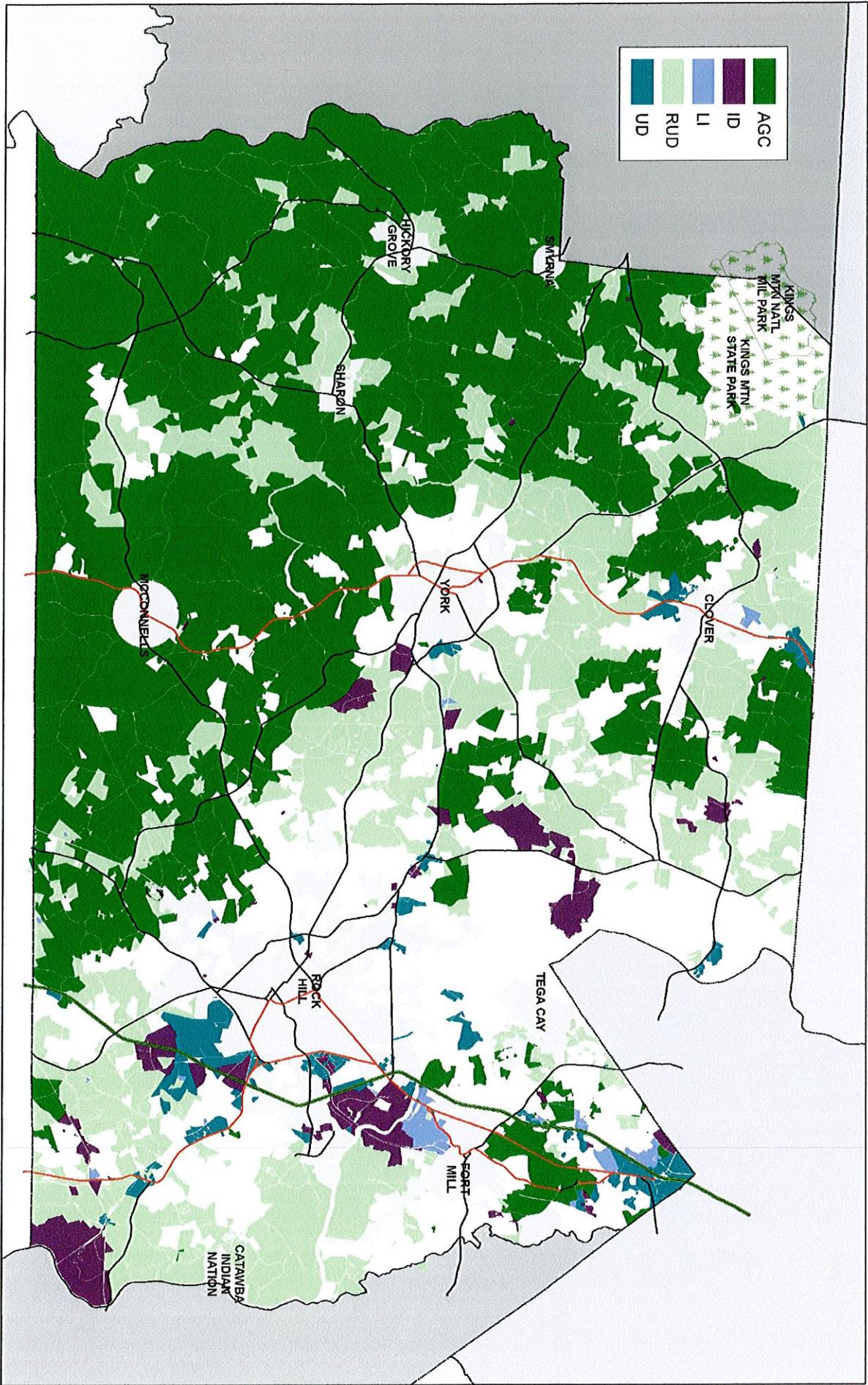
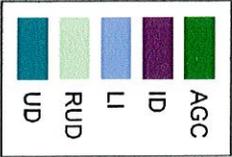
SWMP Service Areas

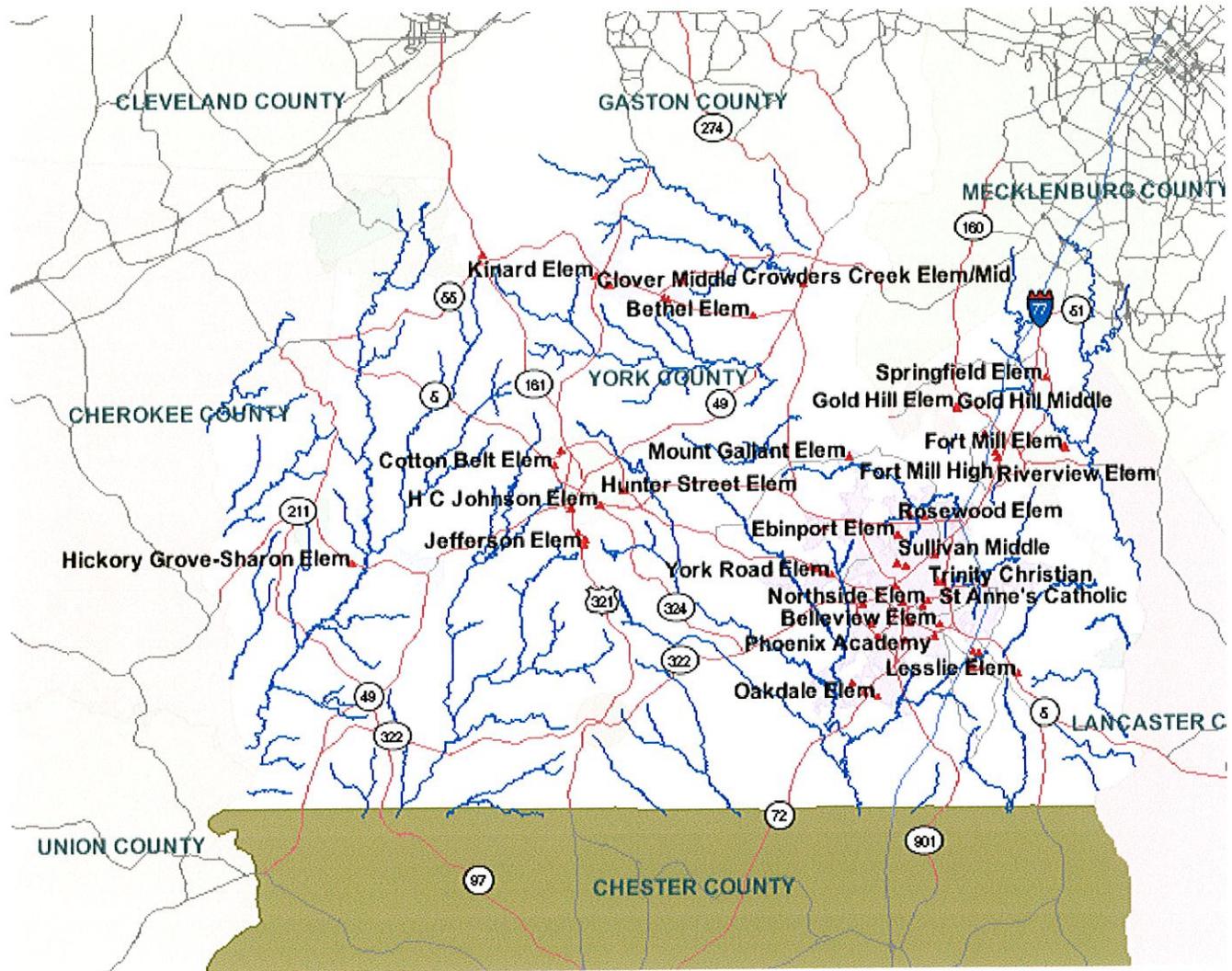


SWMP Current and Proposed Facilities Map

Active and Proposed Construction and Demolition (C&D) Debris Landfills in York County, SC







Appendix C

Needs Analysis

York County SWMP
Appendix C
C&D Needs Analysis

C&D Quadrant Projections Utilizing State Average Data Increasing 2.84% per Year
Generation Rate capped at 0.62 tons per person per year

Year	Total Population	Generation Rate	Northwest		Northeast		Southwest		Southeast		Total C&D Needs
			Population	C & D Needs							
2007	196,420	0.509	27,499	13,998	68,747	34,996	9,821	4,999	90,353	45,995	99,989
2008	199,600	0.524	27,944	14,629	69,860	36,573	9,980	5,225	91,816	48,067	104,494
2009	202,800	0.538	28,392	15,286	70,980	38,214	10,140	5,459	93,288	50,225	109,184
2010	205,980	0.554	28,837	15,966	72,093	39,916	10,299	5,702	94,751	52,461	114,046
2011	209,160	0.569	29,282	16,673	73,206	41,683	10,458	5,955	96,214	54,784	119,095
2012	212,350	0.586	29,729	17,408	74,323	43,521	10,618	6,217	97,681	57,199	124,345
2013	215,530	0.602	30,174	18,171	75,436	45,427	10,777	6,490	99,144	59,704	129,792
2014	218,730	0.619	30,622	18,964	76,556	47,411	10,937	6,773	100,616	62,311	135,460
2015	221,910	0.620	31,067	19,262	77,669	48,154	11,096	6,879	102,079	63,289	137,584
2016	225,090	0.620	31,513	19,538	78,782	48,845	11,255	6,978	103,541	64,196	139,556
2017	228,280	0.620	31,959	19,815	79,898	49,537	11,414	7,077	105,009	65,105	141,534
2018	231,470	0.620	32,406	20,092	81,015	50,229	11,574	7,176	106,476	66,015	143,511
2019	234,660	0.620	32,852	20,368	82,131	50,921	11,733	7,274	107,944	66,925	145,489
2020	237,840	0.620	33,298	20,645	83,244	51,611	11,892	7,373	109,406	67,832	147,461
2021	241,010	0.620	33,741	20,920	84,354	52,299	12,051	7,471	110,865	68,736	149,426
2022	244,200	0.620	34,188	21,197	85,470	52,991	12,210	7,570	112,332	69,646	151,404
2023	247,390	0.620	34,635	21,473	86,587	53,684	12,370	7,669	113,799	70,556	153,382
2024	250,580	0.620	35,081	21,750	87,703	54,376	12,529	7,768	115,267	71,465	155,360
2025	253,760	0.620	35,526	22,026	88,816	55,066	12,688	7,867	116,730	72,372	157,331

York County C&D Waste Generation Historical and Projected Generation-Revised Population

Year	Population	C&D Tons	Gen Rate	% Increase	Projected Gen Rate	Ann Inc Projected C&D Tons	Projected Gen Rate	Ann Inc Projected C&D Tons	MSW
1994	144,741	41,800	0.289						
1995	148,052	24,257	0.164	-41.90					
1996	151,363	29,489	0.195	17.80					
1997	154,674	51,743	0.335	43.00					
1998	157,985	55,110	0.349	6.10					
1999	161,296	41,000	0.254	-25.60					
2000	164,614	62,166	0.378	34.00					
2001	170,259	48,504	0.285	-22.00					
2002	174,100	54,086	0.311	10.30					
2003	178,070	42,550	0.239	-21.30					
2004	178,484	82,448	0.462	48.40					
2005	190,048	97,810	0.515	15.70					
2006	193,230	95,632	0.495	-2.20	0.495	102,274	0.495	99,989	166,059
2007	196,420	98,348			0.521	109,324	0.509	104,494	170,210
2008	199,600	101,141	1.472		0.548	116,841	0.524	109,184	174,466
2009	202,800	104,013	0.491		0.576	124,833	0.538	114,046	178,827
2010	205,980	106,967			0.606	133,339	0.554	119,095	183,298
2011	209,160	110,005			0.637	142,398	0.569	124,345	187,881
2012	212,350	113,129			0.671	152,032	0.586	129,792	192,578
2013	215,530	116,342			0.705	162,297	0.602	135,460	197,392
2014	218,730	119,646			0.742	173,202	0.619	141,332	202,327
2015	221,910	123,044			0.781	184,802	0.637	147,429	207,385
2016	225,090	126,539			0.821	197,148	0.655	153,764	212,570
2017	228,280	130,133			0.864	210,278	0.674	160,341	217,884
2018	231,470	133,828			0.908	224,240	0.693	167,167	223,331
2019	234,660	137,629			0.956	239,074	0.712	174,244	228,914
2020	237,840	141,538			1.005	254,834	0.733	181,581	234,637
2021	241,010	145,557			1.057	271,608	0.753	189,210	240,503
2022	244,200	149,691			1.112	289,436	0.775	197,125	246,516
2023	247,390	153,942			1.170	308,384	0.797	205,338	252,678
2024	250,580	158,314			1.231	328,506	0.819	213,849	258,995
2025	253,760	162,811	0.641593		1.295		0.843		265,470
									272,107

62.30
5.19 Average

Projections Using York County
Historical Data (5.19% Increase/Year)

Projections Using State Average
Data 2001-2005 (2.84% Increase/Year)

- Population from Census Bureau/SCDHEC Reports
- Historical Data - York County C&D Tonnage from SCDHEC Annual Reports
- Projected C&D Waste Generation Rate Based on Historical 5.19% Increase per Year, Gen Rate Capped at 0.61
- Projected C&D Waste Generation Rate Based on Annual Projected Generation Rates, Gen Rate Capped at 0.61
- Projected C&D Waste Generation Rate Based on State Average 2.84% Increase per Year, Gen Rate Capped at 0.61
- Projected C&D Tonnage Based on Annual Projected Generation Rates, Gen Rate Capped at 0.61