

CITY OF ROSWELL
DRAFT
SOLID WASTE MANAGEMENT PLAN
June 20, 2005

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Introduction

The City of Roswell is located just north of Atlanta in Fulton County. Having just celebrated their 150th Anniversary, the City of Roswell recognizes the changes that it has gone through in the last 150 years. Roswell has gone from a small town to a large suburban part of a metropolitan area of approximately 39 square miles and over 83,000 residents. The City of Roswell has provided solid waste services for its citizens from the beginning with curbside recycling added in 1998 and a new recycling center completed in 2000. Customer Service is a key element to the City and focus has been on maintaining the highest levels possible. To that end, the City of Roswell is pleased to present its Solid Waste Management Update. Focus is on education and service to the residents in Roswell.

Waste Disposal Stream Analysis

In 2004, the Georgia Department of Community Affairs completed a Waste Composition Study. Thirteen landfills in Georgia were part of a four season sort. The City of Roswell is using the information from this study for their reporting purposes and guidelines in this plan.

There are four types of generators in the City of Roswell: residential, commercial, institutional and governmental. The predominate types of waste generated for each generator are as follows:

- Residential – Corrugated paper, paper, metals, glass, food, yard trimmings, white goods, plastic
- Commercial – Corrugated paper, paper, food, plastic, wood, yard trimmings, metals, glass, white goods, construction debris
- Institutional – Corrugated paper, paper, cafeteria and restroom waste, plastics, metals
- Governmental – Corrugated paper, paper, metals, plastics, yard trimmings

The pounds of waste generated by each type of generator for fiscal year 03/04 are as follows:

- Residential – Solid Waste – 18,460 tons (4.40 pounds per household per day)
- Residential Mixed solid waste and compost – 8,085 tons
- Commercial – Solid Waste – 27,690 tons
- Residential Recycling – 5,121 tons (1.21 pounds per household per day)
- Recycling Center – 5,400 tons

The following table shows ten year projections of solid waste in Roswell:

CITY OF ROSWELL
TEN YEAR PROJECTION OF SOLID WASTE

| YEAR | POPULATION | #S PER CAPITA DISPOSAL RATE PER DAY | POUNDS OF SOLID WASTE PER YEAR | POUNDS DISPOSED CUMULATIVE |
|------|------------|---|--------------------------------------|----------------------------------|
| 2005 | 84,599 | 4.4 | 372,235 | 372,235 |
| 2006 | 85,684 | 4.4 | 377,009 | 749,344 |
| 2007 | 86,798 | 4.4 | 381,911 | 1,131,255 |
| 2008 | 87,912 | 4.4 | 386,812 | 1,518,067 |
| 2009 | 89,055 | 4.4 | 391,842 | 1,909,909 |
| 2010 | 90,198 | 4.4 | 396,871 | 2,306,780 |
| 2011 | 91,371 | 4.4 | 402,032 | 2,708,812 |
| 2012 | 92,543 | 4.4 | 407,189 | 3,116,001 |
| 2013 | 93,746 | 4.4 | 412,482 | 3,528,483 |
| 2014 | 94,949 | 4.4 | 417,775 | 3,946,258 |
| 2015 | 96,183 | 4.4 | 423,205 | 4,369,463 |

The City of Roswell is concerned about the amount of recyclables still going into Georgia landfills as shown by DCA's study. Therefore, we will be looking closely for ways to increase recycling through existing programs while investigating new programs. The City of Roswell will also be looking closely at enforcement of ordinances concerning solid waste including yard waste and construction debris.

Waste Reduction Element

Inventory of Current Waste Reduction and Recycling Programs

The City of Roswell offers two ways for its residents to recycle. Curbside recycling is offered through a City contract with Dreamsan, Inc. Collection is once a week and coincides with household garbage pickup. The contract has just been renewed for one year in 2005 and will expire on August 31, 2006. The City plans to continue to provide curbside recycling collection in the future most likely through an outside contractor. The curbside program is available to all Roswell home owners which is, according to the City of Roswell Financial Services Division, 22,300.

Dreamsan, Inc., accepts the following items for curbside recycling collection (See Appendix A): aluminum and metal food and beverage cans, foil and pie tins; glass bottles and jars; HDPE and PET; newspapers, telephone books, magazines, catalogs, office paper, glossy forms and junk mail removed from envelopes; and corrugated and non-corrugated cardboard (chipboard). New residents are provided with a free 18 gallon recycling bin and may purchase additional bins directly from Dreamsan, Inc. There is no limit to the number of bins or amount of recycling that can be placed curbside.

The City of Roswell owns and operates a staffed recycling center open 7 days a week. Tours of the facility are given to schools, organizations and other interested parties. Although the Recycling Center is owned and operated by the City of Roswell, it is regional in nature. Customers from any area are allowed to make use of the Recycling Center as long as they have recyclables that the Center accepts. The Center serves the 83,000 residents of Roswell and a car count in 2004 showed 500 cars a day during the week and on Sunday and 1,000 cars on Saturday. An unofficial car tag survey showed cars from Fulton, Cobb, Forsyth, DeKalb and Gwinnett. In 2004, a Facilities Assessment was done by an outside contractor through a grant from the Georgia Environmental Facilities Authority. The assessment provided guidance on how the City could improve the Recycling Center through processing methods and minor modifications to equipment and the building.

42 different items are collected and processed at the Recycling Center: PET, HDPE, plastic bags, glass bottles and jars, newspaper, mixed paper, computer paper, magazines, phone books, white paper manuals, corrugated and non-corrugated cardboard, drink boxes/milk/juice cartons, ferrous and non-ferrous metals, aluminum and foil, car tires, batteries (12V or larger), rechargeable batteries, motor oil and anti-freeze, cell phones, printer cartridges, packing peanuts (provided to the public at no charge). (See Appendix B) There is a partnership with Goodwill to have two trailers on site for reusable household items and clothing.

The City of Roswell has several source reduction programs in place. We encourage recycling as a means of source reduction through regular announcements and reminders on the City of Roswell's website – www.roswellgov.com, The Roswell Reporter and through RCTV – Roswell City TV. Educational programs and tours are held at the Recycling Center. In 2002, the City of Roswell passed a resolution for a Buy Recycled and Environmentally Friendly Purchasing Policy. (See Appendix C) Training was held for all department purchasing agents. This has resulted in an increased awareness and preference for items with recycled content and that are environmentally friendly. For example, the Building Operations Division recently contracted with a company that provides “green” products for the restrooms and; and the Departments have all received and are using the Office Depot Green Book for office supplies. Roswell is moving towards paperless requisitions in the next year. The City of Roswell's Environmental Education Specialist offers programs on “Green Shopping” and “Green Cleaning” to schools, community organizations and the general public. The Public Works/Environmental Department uses double-sided copies where possible.

Recycling facilities and programs

The Roswell Recycling Center is located at 11570 Maxwell Road, Alpharetta, GA 30004. It is owned and operated by the City of Roswell. Open to the public 7 days a week, the Center accepts over 42 items for recycling as well as offering educational tours and programs. In fiscal year 03/04 the Recycling Center held 30 tours and recycled over 5,400 tons of materials. (Appendix D) The Recycling Center also currently offers free recycling pickup to the schools in Roswell. There are seven schools participating in the free pickup.

The City of Roswell employs an Environmental Education Specialist who works with the area schools on environmental issues including recycling. In fiscal year 03/04, she gave ten programs in the schools and 34 programs to the community at large.

The City of Roswell contracts with Dreamsan, Inc., to provide curbside recycling for the residents of Roswell. Since the beginning of their contract in September 2001, over 15,800 tons have been collected curbside.

Yard trimmings mulching/composting

The City of Roswell Sanitation Division provides weekly curbside collection of yard trimmings for its residents. There are restrictions as to how much yard waste may be placed at the curb each week and restrictions on how it can be placed (i.e. in bags and branches trimmed to certain lengths). (See Appendix E) These materials are currently disposed in a C & D waste landfill.

The City of Roswell partners with Keep Roswell Beautiful for Bring One for the Chipper. A Christmas tree recycling program, residents may drop off trees at specified locations and the trees are chipped into mulch and offered at no charge to residents, businesses and schools in the Roswell area. In fiscal year 03/04, 10,000 trees were mulched.

The City of Roswell partners with the Clean Water Campaign to offer workshops on Composting. There are also composting brochures available in the office of Public Works/Environmental located in Roswell City Hall. (See Appendix G) The Environmental Education Specialist also filmed an episode of The Great South on vermicomposting.

Inventory of composting and mulching programs

Bring One for the Chipper is an annual Christmas Tree Recycling Program sponsored by the Department of Community Affairs and Keep Georgia Beautiful. The City of Roswell participates each year with Keep Roswell Beautiful in promoting this program to its citizens. Trees are accepted at two locations both of which are The Home Depots in Roswell. The City has every intention of continuing with this program each year.

The City of Roswell has established a relationship with the Clean Water Campaign and partners with them on workshops for the community. Composting workshops have been added as a focus for the coming years in hopes that the residents of Roswell will consider composting as a way to use their yard waste.

Special management programs: tires, lead acid batteries, white goods, HHW and electronics

The Recycling Center accepts tires (\$2.00 off rim - \$15.00 on rim), white goods (\$10.00 for non-Freon containing items and \$20.00 for Freon containing items), and lead acid batteries (no charge). The Recycling Center also accepts motor oil and anti-freeze at no charge.

Over the last 18 months, the City of Roswell has partnered with Keep Roswell Beautiful to offer three (3) e-waste recycling events with local e-waste vendors. (See Appendix F) There are plans to continue this program bi-annually. In total the three (3) events have removed over 100,000 pounds of electronics from the landfills.

The City of Roswell makes use of the Guide to Best Management Practices for Household Hazardous Waste and Radon published by The Pollution Prevention Assistance Division. Access to the guide is available through a link on the City of Roswell website: www.roswellgov.com

The City of Roswell has most of the components of a Pay-As-You-Throw program in place even though an official program has not been put into place at this time. Residents may keep their garbage bills lower by recycling more and using the City's standard household garbage plan of no more than three cans or 100 gallons each week. If they wish to use more than the 3 cans they may sign up for Premium service and have 6 cans or 200 gallons each week. As there is no limit on the amount of recycling that can be placed curbside, residents are encouraged to take advantage of the curbside recycling program. (See Appendix G)

Needs and goals section

The City of Roswell has determined that the following are needs and goals for the solid waste management program over the next 10 years:

- Promote composting
 - Continue partnership with the Clean Water Campaign in providing composting workshops to our citizens.
 - Investigate community interest and logistics for a compost bin sale.
- Continue operations of the Recycling Center

- Investigate possible additions of household batteries and electronics to materials accepted.
- Continually re-evaluate collection and processing of materials.
- Explore possibility of commercial recycling route.
- Continue curbside recycling collection program
 - Evaluate materials collected and work with contractor on possible additions.
 - Explore commercial recycling options.
- Education on Recycling as a viable household garbage reduction
 - Create educational promotional publicity plan that will encourage more participation in both the curbside programs and the Recycling Center.
 - Explore use of social marketing practices as introduced at the Georgia Recycling Coalition Semi-Annual Meeting in April of 2005.
 - Explore a partnership between the Home Owners Associations and Keep Roswell Beautiful with incentives for participating HOA's.
- Continue enforcement of ordinances concerning household garbage and yard waste. This will be combined with an educational program and material that the Environmental Enforcement Officer will take to the residents.
- Continue working with City departments on buying recycled.
- Work with mid- to small businesses on recycling options. The City will work with their existing curbside contractor to see if mid- to small businesses can be cost effectively included in the program. They will also investigate the possibility of the Roswell Recycling Center being able to develop and serve this area.

Collection Element

Inventory current solid waste and recyclable collection programs including names, addresses and who manages them

- Curbside household garbage collection and yard waste collection, commercial garbage dumpster collection:
 City of Roswell
 Public Works Division
 1810 Hembree Road
 Roswell, GA 30076
 Municipally managed
- Curbside recycling collection:
 Dreamsan, Inc.
 P.O. Box 491536
 4785 – A Fulton Industrial Blvd., SW

Atlanta, GA 30336
City of Roswell manages contract

- Manned drop-off recycling :
City of Roswell
Recycling Center
11570 Maxwell Road
Alpharetta, GA 30004
Municipally managed

Adequacy of collection programs

The current collection programs are generally adequate and allow the City to reach a 25% reduction in solid waste. However, stronger emphasis on composting and recycling would make household garbage and yard waste collection easier to maintain because quantities would be smaller. Emphasis on residential and commercial recycling would reduce the amount of pickups needed each week.

Frequency of illegal dumping and methods for correcting

In the City of Roswell illegal dumping is reported to the City's Environmental Enforcement Officer. The Officer investigates and when possible, provides an on site educational opportunity for the party(ies) that were responsible. Cleanup is done by the responsible party(ies) when possible if not, then the City cleans up the area or notifies Keep Roswell Beautiful to see if they can help provide volunteers. In 2004, the Officer investigated and identified 33 cases.

Needs and goals for current and future collection programs which outline strategy for providing effective and affordable collection for ten years

The City of Roswell has determined that the following are needs and goals for the solid waste management program over the next 10 years:

- Provide effective and affordable collection for residents
 - Re-evaluate annually service and collection costs
 - Continue to enforce the limits on weekly collection of household garbage and yard waste
 - Continue to provide composting and recycling information as a viable way to reduce costs of collection
- Provide effective and affordable collection for businesses
- Encourage businesses to use the Roswell Recycling Center in order to reduce their quantity of waste and the cost of collection
- Continue to investigate recycling pickup for businesses

- Create program where illegal dumping is addressed to the frequent violators and have the Environmental Enforcement Officer provide training and education to those persons.

*Contingency strategy for collection service if primary option is interrupted:
alternative collection options and
estimated length of time to bring contingency plans on line*

The City of Roswell has the ability through the City Administrator's Office to quickly react to an interruption of collection service caused by a natural disaster. Outside contractors will be sought and asked to begin work immediately while City crews will work overtime as necessary to keep collection running as smoothly as possible. Estimated length of time to contract with an outside source is one to two weeks. The City of Roswell maintains a high level of financial reserves and has an AAA bond rating.

Disposal Element

Inventory of disposal practices: type, capacity, ownership, location and types of waste accepted

- Transfer Station – 1802 Hembree Road, Alpharetta, GA 30004
Owned by City of Roswell. Contracted to United Waste to run until 2008. At that time, the City will either renew a contract or take over operations. Waste is transferred to Oak Grove Landfill, a sub-title D facility of United Waste.
Capacity – 30 truck loads of material
Waste accepted – residential and commercial solid waste
- Chadwick Road Landfill – 13700 Chadwick Farm Blvd, Roswell, GA 30075
Owner – Waste Management
Capacity – 9,228,123 cubic yards
Waste accepted – construction and demolition debris, yard waste and asbestos
- Oak Grove Landfill – 967 Carl Bethlehem Road, Winder, GA 30680
Owner – United Waste
Capacity –
Waste accepted – residential and commercial solid waste

Assessment of existing facilities

The City of Roswell is comfortable that the existing facilities will be adequate for the next ten years and have received letters of assurance from Waste Management and United Waste. (See Appendix H and Appendix I)

Needs and goals

The City of Roswell has determined that the following are needs and goals for their solid waste management program over the next 10 years:

- Continue to be aware of changes in landfill regulations.
- Contingency strategy for disposal in the event that the primary option becomes interrupted: Other landfills will be utilized. The City of Roswell has the ability through the City Administrator's Office to quickly react to an interruption of collection service caused by a natural disaster. Outside contractors will be sought and asked to begin work immediately while City crews will work overtime as necessary to keep collection running as smoothly as possible. Estimated length of time to contract with an outside source is one to two weeks. The City of Roswell maintains a high level of financial reserves and has an AAA bond rating.

Land Limitation Element

The City of Roswell has a geographic area of approximately 39 square miles and a population of approximately 83,000. Largely developed to suburban and residential levels, there is only about 6.5% of the area undeveloped. Average land value is \$21,200 an acre and there are no more than 258 undeveloped parcels exceeding 1 acre in size.

Because of these factors of land scarcity, high cost and incompatible surrounding land uses, it is deemed very unlikely that any form of composting or solid waste disposal facility would be economically viable in Roswell, nor are they permitted under the Roswell Zoning Ordinance. Recycling and recovery facilities are allowed uses only in Industrial Zones. An excerpt of the Roswell Zoning Ordinance is attached as Appendix N. The Zoning map indicates those areas deemed suitable as I-1.

Education and Public Involvement

Inventory and assess current education programs and public involvement opportunities

The City of Roswell has and supports many opportunities for education and public involvement of their citizens. The City of Roswell employs an Environmental Education Specialist who is charged with developing and presenting school programs to the 14 public schools and 10 private schools in Roswell. Examples of programs include Waste in Place from Keep America Beautiful, Projects WET and WILD and Project Learning Tree as well programs on Outdoor Classrooms and recycling. The Environmental Education Specialist is also the coordinator for Roswell's participation in the EverGreen School program, a joint program with the City of Alpharetta and Keep Sandy Springs North Fulton Beautiful. The EverGreen School program promotes environmental stewardship

to the schools by asking them to select three goals to work on during the year. At the end of the year, schools that participated and obtained their goals are given an Earth Flag or special ribbon if they have already received their Earth Flag. (See Appendix J)

In 2004, the Environmental Education Specialist gave 10 school programs and 34 programs to after school programs and civic organizations. Seven public and private schools in Roswell participated in the EverGreen School program.

The Environmental Education Specialist, the Environmental Enforcement Officer and the Environmental Programs Manager are also available to civic organizations, Homeowners' Associations and other organizations looking for presentations on environmental programs.

The City of Roswell supports Keep Roswell Beautiful, a non profit 501 (c) 3 volunteer based organization that is part of the Keep America Beautiful program. The City provides support by providing their Environmental Programs Manager to serve as Executive Director of the organization. Keep Roswell Beautiful currently has a Board of Directors that number 17 and represent the many different areas of Roswell (business, citizen, school, HOA, student). Keep Roswell Beautiful sponsors the following programs and events throughout the year: Rivers Alive, Bring One for the Chipper, Great American Cleanup, America Recycles Day, Adopt-A-Road, Adopt-A-Stream, and Storm Drain Stenciling. (See Appendix K) They also produce a newsletter quarterly. Over the last year, more than 800 volunteers have participated in the above events. Keep Roswell Beautiful includes an educational program with each event and the City's Environmental Education specialist usually assists in those programs. Keep Roswell Beautiful is currently running a Capital Campaign to raise money to purchase an Earth Balloon to aid in educating the students in Roswell. The Earth Balloon is a 20 foot high balloon that will hold a class of 30 students inside of it while they are learning about the environment.

The Roswell Recycling Center offers tours to school groups, civic organizations and citizens in general throughout the year. The tours include a video presentation on recycling, a tour of the facility and a gift bag with recycling information, coloring books and other recycled items. The Roswell Recycling Center also participates in America Recycles Day usually offering special incentives or collection days. The City of Roswell Recycling Center sponsors special one day collection events often in partnership with the City of Alpharetta and Keep Sandy Springs North Fulton Beautiful. E-waste, mercury, bulky trash and sensitive document shredding events have been met with a lot of enthusiasm from Roswell residents. In the last year, more than 100,000 pounds of electronics have been collected and kept out the landfills and more than 92 tons of bulky trash material was kept off the streets in north Fulton County. The Center also offers free recycling collection from Roswell area public and private schools. Currently, 7 schools are participating.

The City of Roswell continues to work with the Clean Water Campaign to provide workshops on composting, xeriscaping, septic tank, tree planting, integrated pest management, etc. Emphasis will be placed on composting in the coming years as yard waste continues to be a challenge for both the City and its residents. In Fall of 2005, a composting workshop is set for September.

The City of Roswell has their own website (www.roswellgov.com) as well as a cable television station (RCTV – Roswell CiTi TV – Comcast Channel 22, Charter Channel 23) that the Public Works/Environmental Department and Keep Roswell Beautiful can use as communication tools to reach the population of Roswell. The Roswell Reporter (The City’s quarterly newsletter) is also used to announce changes in policy and Keep Roswell Beautiful events and programs.

Adequacy of programs to target the waste generating sectors

In general, the education programs and public involvement opportunities available through the City of Roswell Public Works/Environmental Department and Keep Roswell Beautiful are adequate in reaching the residential generators and teaching them the basics of solid waste management. More direct messages concerning recycling and composting are needed to drive home the message that these are viable ways to reduce costs for the residents, businesses and the City of Roswell. Proactive environmental enforcement rather than reactive enforcement by the Environmental Enforcement Officer could head off potential challenges and keep residents and businesses from having citations written.

The City of Roswell and Keep Roswell Beautiful partner with the neighboring communities of Alpharetta and unincorporated north Fulton County (through Keep Sandy Spring North Fulton Beautiful) to provide regional programs such as Rivers Alive and the e-waste events. By joining forces and combining resources, these partnerships can reach a larger audience with a consistent message about solid waste disposal.

The City of Roswell Recycling Center, while owned and operated by the City of Roswell, has the aspects of a regional center. Anyone who would like to bring their recycling to the Roswell Recycling Center is invited to as long as the items are items accepted at the Center and in the condition required by the Center. An informal tag count showed cars from Fulton, Gwinnett, Cobb, Forsyth, DeKalb and Cherokee are utilizing the Roswell Recycling Center.

The City of Roswell address litter control in its’ City Code, Chapter 7, Land Development and Environmental Protection, Article 7.6, Litter Control. The code states that: *It shall be unlawful for any person or persons to dump, deposit, throw or leave or to cause or permit the dumping, depositing, placing, throwing or leaving of litter on any public or private property in this City of Roswell or any waters in this City of Roswell unless:*














- (1) The property is designated by the State or by any of its agencies or political subdivisions for the disposal of such litter, and such person is authorized by the proper public authority to use such property;*
- (2) The litter is placed into a receptacle or container installed on such property; or,*
- (3) The person is the owner or tenant in lawful possession of such property, or has first obtained consent of the owner or tenant in lawful possession, or unless the act is done under the personal direction of the owner or tenant, all in a manner consistent with the public welfare.*



The code also addresses enforcement, violations and penalties. (See Appendix L)

The City of Roswell has determined that the following are needs and goals for the solid waste management program over the next 10 years:

- Continue support of Keep Roswell Beautiful and their programs and events.
- Continue to provide an Environmental Education Specialist to work with schools and civic organizations.
- Promote composting
 - Continue partnership with the Clean Water Campaign in providing composting workshops to our citizens.
 - Investigate community interest and logistics for a compost bin sale.
- Education on Recycling as a viable household garbage reduction
 - Create educational promotional publicity plan that will encourage more participation in both the curbside programs and the Recycling Center.
 - Explore use of social marketing practices as introduced at the Georgia Recycling Coalition Semi-Annual Meeting in April of 2005.
 - Explore a partnership between the Home Owners Associations and Keep Roswell Beautiful with incentives for participating HOA's.
- Continue enforcement of ordinances concerning household garbage and yard waste. This will be combined with an educational program and material that the Environmental Enforcement Officer will take to the residents.
- Continue working with City departments on buying recycled.
- Work with mid- to small businesses on recycling options. The City will work with their existing curbside contractor to see if mid- to small businesses can be cost effectively included in the program. They will also investigate the possibility of the Roswell Recycling Center being able to develop and serve this area.
- Continue to provide composting and recycling information as a viable way to reduce costs of collection
- Create program where illegal dumping is addressed to the frequent violators and have the Environmental Enforcement Officer provide training and education to those persons.

| Solid Waste Plan Elements | | | Ten Year Implementation Schedule | | | | | | | | | | | | Funding Source | | |
|--|----------|--|----------------------------------|------|------|------|------|------|------|------|------|------|--------------|------|----------------|-----|---------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Who | Cost | City | KRB | Grant/Private |
| | Ongoing | | | | | | | | | | | | | | | | |
| | Start Up | | | | | | | | | | | | | | | | |
| Amount of Waste | | | | | | | | | | | | | | | | | |
| Maintain current and accurate records | | | | | | | | | | | | | City | | x | | |
| Waste Reduction | | | | | | | | | | | | | | | | | |
| Continue partnership with Clean Water Campaign in providing composting workshops | | | | | | | | | | | | | City/KRB | | | | |
| Investigate interest and logistics of compost bin sale | | | | | | | | | | | | | City/KRB | | x | | x |
| Continue operations of the Recycling Center | | | | | | | | | | | | | City | | x | | |
| investigate possible additions of household batteries and electronics to the Center | | | | | | | | | | | | | City | | x | | |
| Explore possible commercial recycling route through Center | | | | | | | | | | | | | City | | x | | x |
| Continue curbside recycling collection program | | | | | | | | | | | | | Private | | x | | |
| Evaluate materials collected curbside and work with contractor on possible additions | | | | | | | | | | | | | City/Private | | x | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

| Solid Waste Plan Elements | Ten Year Implementation Schedule | | | | | | | | | | Who | Cost | City | Funding Source | |
|--|--|--|---|--|------|------|------|------|------|------|------------------|------|------|----------------|---------------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | | | | KRB | Grant/Private |
|  Ongoing | | | | | | | | | | | | | | | |
|  Start Up | | | | | | | | | | | | | | | |
| Waste Reduction con't | | | | | | | | | | | | | | | |
| Explore Commercial recycling options with outside contractor | | |  |  | | | | | | | City/Private | | x | | x |
| Create educational promotional publicity plan to encourage participation in both curbside recycling and Recycling Center |  |  | | | | | | | | | City/Private/KRB | | x | | x |
| Explore use of Social Marketing practices |  |  | | | | | | | | | City/KRB | | x | | x |
| Explore partnerships between KRB and HOA's to promote recycling with possible incentives |  |  | | | | | | | | | KRB | | | | x |
| Continue enforcement of ordinances concerning household garbage and yard |  | | | | | | | | | | City | | x | | |
| Continue working with City Departments on buying recycled |  | | | | | | | | | | City | | | | |
| Collection | | | | | | | | | | | | | | | |
| Re-evaluate annually service and collection costs |  | | | | | | | | | | City | | x | | |

| Solid Waste Plan Elements | Ten Year Implementation Schedule | | | | | | | | | | Who | Cost | City | Funding Source | |
|--|----------------------------------|------|------|------|------|------|------|------|------|------|------------------|------|------|----------------|-------------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | | | | KRB | Grant/Priva |
|  Ongoing | | | | | | | | | | | | | | | |
|  Start Up | | | | | | | | | | | | | | | |
| Collection Con't | | | | | | | | | | | | | | | |
| Continue to enforce limits on household garbage and yard waste | | | | | | | | | | | City | | | | |
| Continue to provide composting and recycling information as a viable way to reduce costs | | | | | | | | | | | City/Private/KRB | | x | | x |
| Encourage use of the Recycling Center by businesses as a way to reduce costs of collection | | | | | | | | | | | City | | x | | |
| Investigation of commercial recycling options | | | | | | | | | | | City/Private | | x | | x |
| Creation of illegal dumping education program | | | | | | | | | | | City | | x | | |
| Contingency strategy for interruptions in service | | | | | | | | | | | City | | x | | x |
| Disposal | | | | | | | | | | | | | | | |
| Continue to monitor changes in landfill regulations | | | | | | | | | | | City | | | | |

| Solid Waste Plan Elements | | Ten Year Implementation Schedule | | | | | | | | | | Who | Cost | City | Funding Source | |
|--|----------|----------------------------------|------|------|------|------|------|------|------|------|------|----------|------|------|----------------|-------------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | | | | KRB | Grant/Priva |
| <div></div> | Ongoing | | | | | | | | | | | | | | | |
| <div></div> | Start Up | | | | | | | | | | | | | | | |
| Disposal con't | | | | | | | | | | | | | | | | |
| Contingency strategy for interruptions in service | | | | | | | | | | | | City | | x | | x |
| Education and Public Involvement | | | | | | | | | | | | | | | | |
| Continue support of Keep Roswell Beautiful and their programs/events | | | | | | | | | | | | City | | x | | x |
| Continue to provide an Environmental Education Specialist | | | | | | | | | | | | City | | x | | x |
| Continue EverGreen School Program | | | | | | | | | | | | City/KRB | | x | | x |
| Continue participation in America Recycles Day | | | | | | | | | | | | City/KRB | | x | | x |