

Solid Waste Management Plan

Coffee County, Alabama

October 2014

Prepared By:

**Coffee County Commission
May 2014**

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Preface

The purpose of the Coffee County Solid Waste Management Plan is to outline how Coffee County intends to manage the collection, processing, and disposal of solid waste generated within its jurisdictional limits. This plan will become effective October 1, 2014 and will be applicable through September 30, 2024, unless otherwise modified by regulation promulgated by the Alabama Department of Environmental Management or law enacted by the State of Alabama.

The goal of the Coffee County Solid Waste Management Plan is to provide for the effective management of collection, transportation, disposal, and recycling of solid waste in Coffee County, Alabama.

This plan is applicable to Coffee County, Alabama and the following incorporated areas: the City of Enterprise, the City of Elba, the Town of Kinston, and the Town of New Brockton. The resolution passed by the Coffee County Commission approving this plan and letters of concurrence from each incorporated area are included in Appendix B.

Due to changes in technology, management practices, and regulation, in regards to solid waste, Coffee County reserves the right to modify its solid waste management practices during the life of this plan, provided that such modification provides for a more complete system of solid waste management and meets or exceeds the intentions laid out within this plan.

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Background Information

Population of Coffee County, Alabama

2010 Census Population

	Population	Percent Change 2000 - 2010
Rural Coffee County	17,757	-13.738%
Enterprise	27,789	+31.216%
Elba	3,940	-5.854%
Kinston	620	+2.99%
New Brockton	1,146	-8.32%
Total Coffee County	51,252	+17.51%

Source: 2010 Census Population for Southeast Alabama

Projected Population of Coffee County, Alabama

Year	Projection
2015	53,269
2020	56,540
2025	59,713
2030	62,722
2035	65,639
2040	68,568

Source: U.S. Census Bureau and Center for Business and Economic Research

Solid Waste Generation

Solid Waste Origin and Weight 2013 (Tons)

Type of Waste	Elba	Enterprise	Kinston	New Brockton	Rural Coffee County	Total Coffee County
Residential	1,023	7,218	161	56	4,612	13,070
Commercial	1,175	3,678	6	0	2,855	7,714
C & D	44	283	0	1	20,140	20,468
Yard Waste	1,357	1,157	10	0	47	2,571
Special	8	109	0	0	0	117
TOTAL	3,607	12,445	177	57	27,654	43,940

Source: Coffee County Landfill Historic Tonnage Data 2013

Projected Solid Waste Generation 2014-2024 (Thousand Tons)

Type of Waste	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Residential	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.2	15.4
Commercial	7.8	7.9	8.1	8.2	8.3	8.4	8.6	8.7	8.8	9.0	9.1
C & D	20.8	21.1	21.4	21.7	22.0	22.3	22.7	23.1	23.4	23.8	24.1
Yard Waste	2.61	2.65	2.69	2.73	2.77	2.81	2.85	2.90	2.94	2.98	3.03
Special	.119	.121	.122	.124	.126	.128	.130	.132	.134	.136	.138
TOTAL	44.629	45.271	46.012	46.654	47.296	47.938	48.780	49.532	50.174	51.116	51.768

Source: Consider 1 ½% increase in solid waste generation annually

Collection and Transportation

Rural Coffee County

The Coffee County Commission established mandatory participation in a residential collection for all residences located in rural Coffee County. The Coffee County Commission contracts with a private waste handler for curbside residential solid waste collection in rural Coffee County. Residents are provided with once per week collection service for household garbage and the private contractor transports the waste to the Coffee County Landfill for disposal. The Coffee County Commission bills residents for this service and in turn pays the contractor. Advanced Disposal operates the rural Coffee County residential collection service at this time. The cost for collection, transportation, and disposal of household solid waste during FY2013 is as follows:

Collection & Transportation	\$827,231
Disposal	<u>114,958</u>
Total Cost	\$942,189

Currently there is no collection service provided for yard trash in rural Coffee County.

Coffee County operates a commercial roll-off service in order to provide residents, businesses, and contractors with an option for the collection and transportation of construction & demolition materials. Residents, businesses, and contractors have the option of contracting with Coffee County for this service, selecting a private waste handler of their choosing, or hauling the materials themselves.

Commercial and industrial customers within Coffee County contract with a private waste handler of their choice or Coffee County Roll-Off Service for collection of solid waste. Coffee County Roll-Off Service does not provide commercial front load service as part of its operations, but does have the capability to contract with Southeast Waste Disposal (SWD) to provide front load dumpster service when necessary. SWD is a subsidiary of the Southeast Alabama Solid Waste Disposal Authority.

The City of Enterprise

The City of Enterprise provides residential collection for its residents once per week. This service is provided through the use of city owned equipment. Yard trash is collected once per week utilizing a boom truck and trailer owned by the City of Enterprise. All solid waste collected by the City of Enterprise is disposed

of at the Coffee County Landfill. The cost for collection, transportation, and disposal of household solid waste and yard trash during FY2013 is as follows:

Collection & Transportation	\$1,810,584
Disposal	<u>235,970</u>
Total Cost	\$2,046,554

Collection and transportation of construction & demolition material is contracted through a private waste handler of each individual's choice or Coffee County Roll-Off Service.

Commercial and industrial customers within Enterprise contract with a private waste handler of their choice or Coffee County Roll-Off Service for collection of solid waste. Collection schedules vary according to each entity's need for collection.

The City of Elba

The City of Elba provides residential collection for its residents once per week. This service is provided through the use of city owned equipment. Yard trash is collected every two weeks utilizing a knuckle-boom truck owned by the city. All solid waste collected in the City of Elba is disposed of at the Coffee County Landfill. The cost for collection, transportation, and disposal of household solid waste and yard trash during FY2013 is as follows:

Collection & Transportation	\$154,014
Disposal	<u>39,783</u>
Total Cost	\$193,797

All commercial and industrial customers within Elba are provided collection service through the city utilizing the city's equipment and employees.

The Town of Kinston

The Town of Kinston provides once per week residential collection for the citizens of Kinston. This service utilizes the town's equipment and employees. Solid waste collected by the Town of Kinston is disposed of at the Coffee County Landfill. The cost for collection, transportation, and disposal of household solid waste during FY2013 is as follows:

Collection & Transportation	\$18,266
Disposal	<u>3,744</u>
Total Cost	\$22,010

Commercial and industrial customers contract with a private waste handler of their choice for collection and disposal of solid waste.

The Town of New Brockton

The Town of New Brockton contracts for once per week collection of household and small commercial garbage with a private waste handler. Currently, Advance Disposal operates the residential collection service for the Town of New Brockton. The cost for collection, transportation, and disposal of household solid waste during FY2013 is as follows:

Collection & Transportation	\$93,062
Disposal	<u>12,264</u>
Total Cost	\$105,326

Yard trash is collected by the Town of New Brockton utilizing the town's equipment and employees.

Large commercial and industrial customers contract with a private waste handler of their choice for collection and disposal of solid waste.

Solid waste collected in the Town of New Brockton is disposed of at the Coffee County Landfill.

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Disposal and Processing Facilities

Disposal Facilities

Coffee County Landfill

The Coffee County Commission maintains and operates a municipal solid waste landfill located at 7733 Highway 125, Elba, Alabama. The Coffee County Landfill consists of a lined subtitle D landfill cell and a construction and demolition cell. The landfill is permitted to accept municipal solid waste from Alabama, Georgia, and Florida by the Alabama Department of Environmental Management. The current permitted capacity of the Coffee County Landfill is 9,129,398 cubic yards and is estimated to last 66.2 years at the current flow rate. Another 11,800,000 cubic yards is available for expansion and will add approximately 63.4 years to the total life of the landfill. This capacity is more than adequate for the solid waste generated within Coffee County over the next ten years. A map showing the location of the Coffee County Landfill is included in Appendix D.

Operation of the Coffee County Landfill cost the Coffee County Commission \$3,589,465 during FY2013.

Brundidge Landfill

Transload America filed for bankruptcy in June 2012 and temporarily closed the Brundidge Landfill June 25, 2012. In June 2013, Brundidge Acquisitions finalized the purchase of the Brundidge Landfill in bankruptcy proceedings and took ownership of the site in July 2013. Brundidge Acquisitions contracted with Coffee County for the operation and maintenance of the Brundidge Landfill. At this time, the Brundidge Landfill only receives limited quantities of solid waste and none generated in Coffee County. The current permitted airspace of the facility is 28,028,138 cubic yards with approximately 1,433,060 cubic yards of solid waste in place. Since there is not a current flow of waste into the Brundidge Landfill, remaining life calculations cannot be determined at this time.

Springhill Landfill

Waste Management operates a municipal solid waste landfill in Campbellton, Florida. A small percentage of commercial and industrial solid waste from Coffee County is disposed of in this landfill annually. Solid waste from Coffee County, which is disposed of in the Springhill Landfill is the result of agreements between private entities and Waste Management for collection and disposal. The permitted capacity of the Springhill Landfill is unknown at this time.

Transfer Stations

The City of Enterprise

The City of Enterprise operates a transfer station for the consolidation and transportation of solid waste collected by residential collection trucks in Enterprise. The solid waste is then transported to the Coffee County Landfill.

Recycling Centers

The Coffee County Material Recovery Program

Coffee County operates the Coffee County Material Recovery Program at the Coffee County Landfill. The Coffee County Material Recovery Program focuses on recovering metals and cardboard disposed of at the Coffee County Landfill and sorts commingled recyclables collected by the City of Enterprise in their curbside collection program. Currently 1,518 tons per year are recycled by this program.

Operation of the Coffee County Material Recovery Program cost \$192,200 during FY2013.

Iron Man Recycling

Iron Man Recycling is a privately owned recycling facility located in Enterprise, Alabama. Scrap aluminum, aluminum cans, copper, scrap steel, automotive batteries, and brass are collected from private citizens, governmental entities, and businesses in Coffee and Geneva counties. Currently 95 tons per year are recycled by this facility.

Jack Metals Recycling

Jack Metals Recycling is a privately owned recycling facility located in the northwestern corner of Coffee County, near Troy. Scrap aluminum, aluminum cans, copper, steel, automotive batteries, tin, and brass are collected from private citizens, governmental entities, and businesses in Coffee and Geneva counties. Currently 12,351 tons per year are recycled by this facility.

Agreements and Contracts

Disposal Agreements

The Coffee County Commission offers disposal agreements for any interested party located within the permitted service area of the Coffee County Landfill. These disposal agreements assure a consistent price for disposal of solid waste over a specified period of time for customers of the Coffee County Landfill and allow entities to accurately forecast disposal costs for each budget year. Also, entering into disposal agreements allows the Coffee County Commission to accurately forecast the amount of tonnage which will be disposed of at the Coffee County Landfill each year.

The Coffee County Commission currently has disposal agreements with the following governmental and private entities for disposal of solid waste at the Coffee County Landfill:

Governmental Entities

The City of Enterprise	The City of Elba
The Town of Kinston	The Town of New Brockton
The Dept. of Transportation	The City of Luverne
The City of Andalusia	The Town of Clio
The City of Opp	The Town of Brantley
The Town of Louisville	The Town of Clayton
The Southeast Alabama Solid Waste Authority	

Private Entities

Advanced Disposal	K&W Plastics
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The Coffee County Commission considers disposal agreements to be an integral part of operating a Subtitle D Sanitary Landfill and will continue to enter into these agreements with interested parties throughout the life of this plan. These agreements help to ensure a consistent flow of tonnage at the Coffee County Landfill and keep tipping fees low.

Execution of all disposal agreements and contracts will occur during a regularly scheduled meeting of the Coffee County Commission.

Collection and Transportation Agreements

Coffee County

The Coffee County Commission contracts with a private waste handler for collection and transportation of household solid waste for the unincorporated areas of Coffee County, Alabama. This contract provides for once per week curb side service for the residents of rural Coffee County and requires the contractor to dispose of solid waste collected at the Coffee County Landfill. The duration of this contract is normally three years. At this time, the Coffee County Commission expects to continue to utilize a private waste handler for collection of household solid waste, as long as it is determined to be the most economically beneficial option for the Coffee County Commission and the private citizen.

The Town of New Brockton

The Town of New Brockton contracts with a private waste handler for the collection and transportation of household solid waste. The duration of this contract is normally three years and the Town of New Brockton intends to continue to utilize a private waste handler, of its choice, for the duration of this plan.

Recycling Agreements

The City of Enterprise has a contract with Coffee County for the sorting of their recyclable materials collected in their curbside program. This contract provides the City of Enterprise with a source for the sorting of their comingled recyclable materials and once the materials are sorted by the Coffee County Material Recovery Program, they are sold to various brokers.

Recycling

Recycling saves valuable landfill space, reduces the overall cost of solid waste disposal for governmental entities, and provides a renewable resource for manufacturing. Currently Coffee County, including all incorporated areas, recycles approximately thirty-five percent of the solid waste which is generated each year within the county. This figure does not include any type of composting activities. This thirty-five percent or 15,300 tons per year equals approximately \$19,125 cubic yards of landfill space which is saved annually.

Coffee County recycles in many different ways including, governmental recycling programs, private recycling facilities, and private business recycling. Coffee County intends to attempt to reach a goal of 40 percent recycling by the end of 2024. This can be accomplished by expanding existing recycling programs and educating the general public on recycling options that are available to them.

Rural Coffee County

Governmental Recycling Program

The Coffee County Commission operates the Coffee County Material Recovery Program at the Coffee County Landfill. This operation focuses primarily on the recovery of scrap steel, white goods, and cardboard from the construction & demolition (C&D) cell and the sorting of comingled recyclables from the City of Enterprise. Approximately 1,520 tons of recyclable materials are recovered per year. The recovered materials are sold to local metal recycling facilities or to WM-Recycle America in Dothan, AL. As a result of this operation, Coffee County realizes an average net savings of \$123,460 per year (\$103,725 sale of recyclable materials & \$19,735 saved space in landfill cell).

At this time, the Coffee County Material Recovery Program does not accept "drop off" recyclable materials from citizens, but the Coffee County Commission is evaluating expanding the program to allow for this. Other expansions of the program may be considered and implemented over the life of this plan.

Coffee County Material Recovery Program FY 2013 (Tons)	
Corrugated Cardboard	851
PET Plastic	40
HDPE Plastic	41
Mixed Paper	440
Tin	56
Steel Cans	15
Aluminum Cans	11
Scrap Steel	64
TOTAL	1518

Coffee County Projected Material Recovery Tonnage FY 2013-2023										
2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1518	2180	2840	3500	4160	4825	5485	6145	6805	7465	8125

Source: Estimate (Consider Growth of Operation In The Last Ten Years)

Private Recycling Centers

Coffee County has one private recycling center, Jack Metals. This recycling center primarily recycles metals, such as scrap aluminum, aluminum cans, copper, scrap steel, and brass. Also, Jack Metals accepts batteries for recycling. This center accepts materials on a drop-off basis and provides roll-off container service for the collection of materials. Average annual tonnage for each type of material is demonstrated in the table below.

Jack Metals Recycling (Troy, AL) Average Annual Recycling Tonnage	
Aluminum	750
Tin	9,375
Copper	542
Steel (Ferrous & Nonferrous)	1500
Brass	46
Batteries	138

TOTAL	12,351
Source: Jack Metals Recycling	

Private Business Recycling

During 2013, businesses in rural Coffee County recycled approximately 730 tons of cardboard and 40 tons of aluminum. This trend is expected to continue throughout the life of this plan.

The City of Enterprise

Governmental Recycling Program

Residents of the City of Enterprise are provided curbside service for the collection of unsorted recyclable materials. This service is provided utilizing city equipment and employees. Recyclable materials are transported to the Coffee County Landfill and sorted at the Coffee County Material Recovery Program.

Materials collected in the City of Enterprise curbside recycling program include: corrugated cardboard, glass, white ledger, newspaper, mixed paper, office waste, steel cans, aluminum cans, and plastic.

In conjunction with the Coffee County Material Recovery Program, The City of Enterprise collects and recycles approximately 21.5% of the solid waste generated within the jurisdictional boundaries of Enterprise. The City of Enterprise does not intend to expand its recycling program during the life of this plan, but does expect participation to grow as residents become aware of the availability and ease of recycling, as well as the overall benefits.

Private Recycling Centers

The City of Enterprise has one private recycling center, Iron Man Recycling. This recycling center primarily recycles metals, such as scrap aluminum, aluminum cans, copper, scrap steel, and brass. Also, Iron Man Recycling accepts batteries for recycling. This center accepts these materials on a drop-off basis from businesses, governmental entities, and private citizens. The material is then sorted and sold to another recycling center or broker. Average annual tonnage for each type of material is demonstrated in the table below.

Iron Man Recycling (Enterprise, AL) Average Annual Recycling Tonnage	
Scrap Aluminum	22
Aluminum Cans	4
Copper	8
Scrap Steel	50
Brass	2.50
Batteries	9
TOTAL	95.50

Source: Iron Man Recycling

The average annual tonnage recycled by Iron Man Recycling is not expected to fluctuate a large amount over the life of this plan.

Private Business Recycling

Many private businesses in the City of Enterprise recycle as part of their daily operations. The primary materials which are recycled include corrugated cardboard, scrap steel, and aluminum. The table below details the estimated amount of scrap material recycled by various commercial and industrial businesses in the City of Enterprise during FY2013.

Private Business Recycling (Enterprise, AL) 2013 Recycling Tonnage (Tons)	
Corrugated Cardboard	670
Aluminum	940
Scrap Steel	1415
TOTAL	3025

Source: Poll of Large Business in Enterprise and add 10%

Recycling by private business is not expected to fluctuate a large amount for the life of this plan.

The City of Elba

Governmental Recycling Program

The City of Elba provides recycling drop-off containers for the residents of Elba. The primary recyclables collected in this program include corrugated cardboard, plastic, aluminum cans, and paper. The recyclable material is brought to the drop-off center by private citizens and placed in designated bins for each type of recyclable material. The material is then sold to Waste Recycling, Incorporated. The amount of each type of recyclable material, less cardboard, fluctuates, but the City of Elba averages a total of 50 tons per year.

In addition to operating a recycling drop-off program for its citizens, the City of Elba offers cardboard collection service for businesses located in Elba. This service is provided utilizing city equipment and employees. Once the cardboard is collected, it is baled and sold to Waste Recycling, Incorporated. The City of Elba averages 135 tons of cardboard recycled each year.

The City of Elba realizes a savings of \$3,145 per year in tipping fees and a total of 185 tons of recyclable material is kept out of the Coffee County Landfill, which equals approximately 230 cubic yards of space. Also, Waste Recycling, Incorporated paid \$5,018 to the City of Elba for recyclables which were collected during FY2013. The cost of the City of Elba's recycling program was \$38,958 during FY2013.

A major increase in recycling is not expected for the City of Elba over the life of this plan. It can be reasonably expected that this recycling program will average 125 to 225 tons per year of recycled material. The City of Elba does not intend to expand its recycling operations during the life of this plan.

Private Business Recycling

Several private businesses in the City of Elba recycle as part of their daily operations. The primary materials recycled include scrap steel and scrap aluminum. The table below details the estimated amount of scrap material recycled by various commercial and industrial businesses in the City of Elba during 2013.

Private Business Recycling (Elba, AL) 2013 Recycling Tonnage (Tons)	
Aluminum	21
Scrap Steel	10
TOTAL	31

Source: Poll of Business in Elba and add 10%

Recycling by private business is not expected to fluctuate a large amount during the life of this plan.

The Town of Kinston

The Town of Kinston does not offer any type of governmental recycling program for its residents at this time. Due to the limited amount of recyclable material generated annually and the cost of developing a governmental recycling program, the Town of Kinston does not intend to start a recycling program during the life of this plan.

The Town of New Brockton

Governmental Recycling Programs

The Town of New Brockton does not offer any type of governmental recycling program for its residents at this time. Due to the limited amount of recyclable material generated annually and the cost of developing a governmental recycling program, the Town of New Brockton does not intend to start a recycling program during the life of this plan.

Private Recycling

Private business recycles approximately 10 tons per year of scrap steel, white goods, paper, and aluminum cans. The amount of these materials fluctuates individually, but 10 tons per year is expected to continue over the life of this plan.

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Control of Illegal Dumps

Illegal dumps are an issue that plagues every county in the State of Alabama. Coffee County, the City of Enterprise, the City of Elba, the Town of Kinston, and the Town of New Brockton are committed to ensuring that illegal dumps do not occur. Locations of known illegal dumps in Coffee County are included on a map in Appendix E.

In an effort to cut down on illegal dumping, each governmental entity in Coffee County requires mandatory participation in household or residential solid waste collection. This requirement keeps the amount of illegal dumps to a minimum and has almost abated illegal dumping in Coffee County, as compared to ten years ago.

Also, the Coffee County Commission employs a Solid Waste Enforcement Officer, who responds to reports of illegal dump sites and attempts to determine who is responsible for the illegal dump.

If an illegal dump is found on the public right of way, Coffee County responds promptly and remediates the site as necessary.

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Expansion of the Solid Waste Management System

At this time, there is not a need to expand the solid waste management system for Coffee County, Alabama. The Coffee County Landfill has a minimum of 66.2 years of life left for disposal of solid waste, at the current flow rate. Also, since the Coffee County Landfill is owned by a governmental entity, the tipping fees are maintained at the minimum amount required for the operation of a Subtitle D sanitary landfill. Therefore, the Coffee County Solid Waste Management System should not require expansion for disposal of solid waste over the life of this plan.

Requirements for Expansion

If it is determined that a proposed expansion to the Coffee County Solid Waste Management System will provide for a more effective, efficient, or economically beneficial means of managing solid waste the following actions will be taken by the presiding governmental body:

1. A review of the Coffee County Solid Waste Management Plan will be conducted in order to ensure that the proposed expansion is necessary and consistent with the needs identified in this plan. If the expansion is not consistent with this plan, but is deemed necessary and beneficial to the overall management of solid waste within Coffee County, the presiding governmental body will prepare a statement of justification for the proposed expansion.
2. Full cost accounting is provided in Appendix C. A review of the full cost of the management of solid waste will be conducted prior to expanding the solid waste management system in Coffee County. If the presiding governmental body determines an expansion is necessary, a comparison of the current cost and expected cost after expansion will be prepared and evaluated in order to ensure the expansion is necessary.
3. The presiding governmental body will consider zoning requirements for the proposed expansion of the solid waste management system of Coffee County. If a change to existing zoning requirements is necessary for expansion, the presiding governmental body will prepare a proposed change to zoning and justify the reason for rezoning.
4. A review of the population and development estimates for Coffee County will be conducted in order to ensure that the proposed

expansion is necessary to support the current population and enhances development in the local area.

5. The economics of the local area will be reviewed and considered prior to the expansion of the solid waste management system. This review will ensure that the local area can support the proposed expansion and that the expansion will not have an adverse economic impact on the local area.
6. A review of engineering plans, proposed management practices, and potential environmental impact for the proposed expansion will be reviewed by the presiding governmental body. All proposed expansions must meet or exceed local, state, and federal environmental regulations.

The building of a new landfill or major recycling facility, will be discussed and approved in a public hearing. The presiding governmental body will publish a public notice opening a public comment period in the Enterprise Ledger and Elba Clipper, which describes the issue to be considered, the time, date, and location of the public hearing concerning the issue, and how the general public may submit comments. This public comment period will run no less than 30 days and the public hearing will be held no later than 45 days after the opening of the public comment period. The presiding governmental body will respond to comments received during the public comment period prior to granting local approval.

The approval of solid waste management contracts, the addition or deletion of current solid waste services, or privatization of service will be considered and approved by the presiding governmental body in a regularly scheduled meeting of said governmental body.

Siting Requirements for Solid Waste Disposal Facilities

Throughout the life of this plan, Coffee County will not require the addition of any new solid waste disposal facilities. The Coffee County Landfill provides more than an adequate amount of disposal space for Coffee County and the surrounding area over the life of this plan.

At this time, there are no proposed or expected developments of a new solid waste disposal facility in Coffee County or any of the incorporated areas therein for the life of this plan. If the addition of a new solid waste disposal facility is deemed necessary by a presiding governmental body, the following items will be considered and completed:

1. A review of the Coffee County Solid Waste Management Plan will be conducted in order to ensure that the proposed solid waste disposal facility is necessary and consistent with the needs identified in this plan. If the expansion is not consistent with this plan, but is deemed necessary and beneficial to the overall management of solid waste within Coffee County, the presiding governmental body will prepare a statement of justification for the proposed expansion.
2. The proposed location of the solid waste disposal facility will be evaluated in order to determine the potential impact on the development of major transportation arteries, state, and local roads. Any potential adverse impact concerning the development of highways and roads will be listed and explained by the presiding governmental body.
3. Economic development plans will be reviewed for the proposed location of the solid waste disposal facility. This review will focus primarily on the proposed location of the facility in relation to existing or potential industries which generate large volumes of waste annually.
4. A comparison between the current and expected cost of disposal must be developed and analyzed by the presiding governmental body. This comparison will detail the financial benefits which can be reasonably expected by allowing the operation of the proposed solid waste disposal facility.
5. The presiding governmental body will determine the costs and availability of public services, facilities, and any necessary improvements required to support the proposed solid waste disposal facility. A cost analysis will be prepared and will detail the expected financial burden the development and operation of the proposed solid waste disposal facility will place on the local government. Items to be considered include development or improvement of public roads, development or improvement of wastewater treatment systems, etc.
6. A review of engineering plans, proposed management practices, and potential environmental impacts for the proposed solid waste disposal facility will be reviewed by the presiding governmental body. All proposed solid waste disposal facilities will meet or exceed local, state, and federal environmental regulations.

7. The presiding governmental body will consider the social and economic impact the proposed solid waste disposal facility will have on the affected community. Items to consider will be changes in property values, the potential for increased traffic in the community, and community perception.

Any major expansion to Coffee County's Solid Waste Management System, such as the building of a new solid waste disposal facility will be discussed and approved in an open forum, after a public notice has been issued. The presiding governmental body will make its findings of the considerations above available to the general public during a public comment period. Citizens will be allowed to express concerns over the expansion and the presiding governmental body will respond to comments from the public prior to granting local approval.

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Solid Waste Management Plan Approval

Public Participation in Solid Waste Management Plan Approval

In order to ensure public participation in the approval of the Coffee County Solid Waste Management Plan, the following actions will be taken:

- The Coffee County Commission will announce a thirty-day public comment period for the solid waste management plan. This announcement will be made in the Enterprise Ledger and Elba Clipper. The announcement will provide a brief description of the solid waste management plan, the start and end dates of the public comment period, how to obtain a copy of the solid waste management plan, the date and location of the public hearing, and how to submit comments on the plan.
- A public hearing concerning the Coffee County Solid Waste Management Plan will be held by the Coffee County Commission at the county complex in New Brockton, Alabama. This public hearing will be held no later than forty-five days after the announcement of the public comment period. During the public hearing, the Coffee County Commission will announce the date and time of the public meeting in which it intends to respond to public comments received and adopt the Coffee County Solid Waste Management Plan.
- No later than sixty days after the closing of the public comment period, the Coffee County Commission will respond to public comments received and adopt the Coffee County Solid Waste Management Plan in a regularly scheduled meeting of the Coffee County Commission.

Public comments received during the public comment period and responses to comments received are included in Appendix A.

The resolution passed by the Coffee County Commission approving the Coffee County Solid Waste Management Plan and letters of concurrence from each incorporated area within Coffee County are included in Appendix B.

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Appendix A

Public Comments Received and Responses to Public Comment

The Coffee County Commission opened a public comment period concerning the approval of the Coffee County Solid Waste Management Plan on June 30, 2014. The announcement of the public comment period and public hearing ran in The Enterprise Ledger, The Elba Clipper, and The Southeast Sun on June 30, 2014.

A public hearing was held by the Coffee County Commission on August 11, 2014 in the Community Room of the Coffee County Complex.

No public comments were received by the Coffee County Commission during the public comment period or during the public hearing concerning the approval of the Coffee County Solid Waste Management Plan.

The Coffee County Commission passed a resolution adopting the Coffee County Solid Waste Management Plan on August 25, 2014. A copy of the resolution is included in Appendix B.

Appendix B

COUNCIL:

WILLIAM COOPER, *District 1*
TOMMY JOHNSON, JR., *District 2*
KIRK DONALDSON, *District 3*
WALLACE "AL" MILLER, JR., *District 4*
RHETT MARQUES, *District 5*

City of Enterprise

KENNETH W. BOSWELL, MAYOR

501 South Main
P. O. Box 311000
Enterprise, Alabama 36331-1000

CLERK/TREASURER

STEVEN W. HICKS

(334) 347-1211

(334) 348-2613 FAX

June 18, 2014

Mr. Michael Thornton
Coffee County Landfill
7733 Highway 125
Elba, AL 36326

Re: Solid Waste Management Plan – Coffee County, Alabama

Dear Mr. Thornton:

This letter is to inform you that the City of Enterprise concurs with the proposed Coffee County Solid Waste Management Plan.

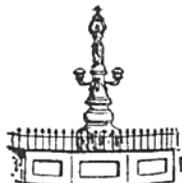
Please contact us if we may be of any further assistance.

Sincerely,



Kenneth W. Boswell
Mayor

KWB/sh



City of Elba

"Tradition With Vision"

200 Buford Street

Elba, AL 36323

334-897-2333 * 334-897-2261

Fax 334-897-3337

Email: elbacity@troycable.net

Website: www.elbaalabama.net

Mickey L. Murdock
Mayor

Jack M. Mullinax
City Clerk

Council Members

Rolanda P. Jones – District 1

Tommy Skinner – District 2

Jane B. Brunson – District 3

Harold Spicer – District 4

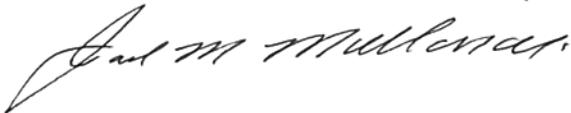
Ronnie L. Hammonds – District 5

Coffee County Commission
#2 County Complex
New Brockton, Alabama 36351

Dear Commissioners:

The City of Elba is in concurrence with the Coffee County Waste Management Plan for 2014 thru 2024.

Sincerely,



Jack M. Mullinax
City Clerk
Elba, AL 36323

Town of Kinston

856 Main Street
P.O. Box 26
Kinston, Alabama 36453

• • •

Telephone: (334) 565-3188

Fax: (334) 565-9026

E-mail: townofkinston@centurytel.net
~~E-Mail: townofkinston@centurytel.net~~

William H. Mullins, Jr.
Mayor

Regina Sumblin
Municipal Clerk

May 12, 2014

Coffee County Commission
#2 County Complex
New Brockton, AL 36351

RE: Solid Waste Management Plan
Coffee County, Alabama

Dear Commissioners:

I am in agreement with the Draft of the Solid Waste Management Plan for Coffee County, Alabama, dated October 2014.

As Mayor of the Town of Kinston, along with its residents, we would like to thank the Commission for providing a facility for solid waste.

Thank you,



William H. Mullins, Jr.

Mayor

srs



Town of New Brockton

202 S JOHN STREET
POST OFFICE BOX 70
NEW BROCKTON, ALABAMA 36351
TELEPHONE (334) 894-5283
FACSIMILE (334) 894-0321
E-MAIL: NEWBROCKTON1@troycable.NET

MAYOR

Kathryn S. Holley

June 5, 2014

COUNCIL MEMBERS

Paula Bowman

Billy Tindol

Jimmy Peacock

Sonny Eads

Jack W. Young

TOWN CLERK**TREASURER**

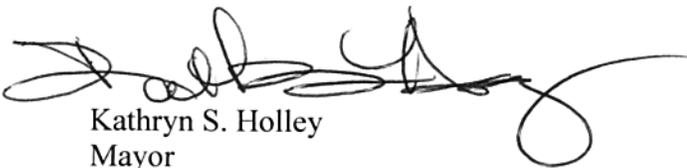
Debra Andrews

Mr. Mike Thornton
Coffee County Landfill
Coffee County Commission
#2 County Complex
New Brockton, AL 36351

Subject: Solid Waste Management Plan, Coffee County, Alabama

After review, the Town Council of New Brockton, Alabama, concurs with the draft of the Solid Waste Management Plan of Coffee County.

Sincerely,



Kathryn S. Holley
Mayor

Appendix C

Rural Coffee County Full Cost Accounting

FY 2013

Expenses

Operation of the Coffee County Landfill	\$3,589,465
Operation of the Coffee County Material Recovery Program	192,200
Operation of the Coffee County Roll-Off Service	483,963
Collection & Transportation of Household Solid Waste	827,231
Disposal of Household Solid Waste	114,958
Operation of Coffee County Solid Waste Office	<u>135,831</u>
TOTAL	\$5,343,648

Income

Tipping Fees Received at the Coffee County Landfill	\$4,401,747
Revenue Generated by the Coffee County Roll-Off Service	531,076
Garbage Collection Fees Received	1,011,900
Revenue Generated by the Coffee County Material Recovery Program	152,506
Estimated Savings from Recycling	<u>123,460</u>
TOTAL	\$6,220,689

Total Cost for Solid Waste:	\$-877,041 (Expenses less Income)
Population of Rural Coffee County:	17,757
Tons of Material Handled:	184,163(Includes Landfill)
Total Cost Per Capita:	\$-49.39 (Total Cost/Population)
Total Cost Per Ton:	\$-4.76 (Total Cost/Ton)

The City of Enterprise Full Cost Accounting

FY 2013

Expenses

Collection & Transportation of Solid Waste	\$1,810,584
Operation of Recycling Program	314,219
Disposal of Household Solid Waste	<u>235,970</u>
TOTAL	\$2,360,773

Income

Garbage Collection Fees Received	\$1,040,941
Revenue Generated from Recycling	32,063
Estimated Savings from Recycling	<u>49,827</u>
TOTAL	\$1,122,831

Total Cost for Solid Waste: \$1,237,942 (Expenses less Income)

Population of Enterprise: 27,789

Tons of Material Handled: 12,875

Cost Per Capita: \$44.55 (Total Cost/Population)

Cost Per Ton: \$96.15 (Total Cost/Ton)

The City of Elba Full Cost Accounting

FY 2013

Expenses

Collection & Transportation of Solid Waste	\$154,014
Operation of Recycling Program	38,958
Disposal of Household Solid Waste	<u>39,783</u>
TOTAL	\$232,755

Income

Garbage Collection Fees Received	\$387,252
Revenue Generated from Recycling	<u>5,018</u>
TOTAL	\$392,270

Total Cost for Solid Waste: \$-159,515 (Expenses less Income)

Population of Elba: 3,940

Tons of Material Handled: 3,431

Cost Per Capita: -\$40.49 (Total Cost/Population)

Cost Per Ton: -\$46.49 (Total Cost/Ton)

The Town of Kinston Full Cost Accounting

FY 2013

Expenses

Collection & Transportation of Solid Waste	\$18,266
Disposal of Household Solid Waste	<u>3,744</u>
TOTAL	\$22,010

Income

Garbage Collection Fees Received	\$40,926
----------------------------------	-----------------

Total Cost for Solid Waste: -\$18,916 (Expenses less Income)

Population of Kinston: 620

Tons of Material Handled: 187

Total Cost Per Capita Per Year: -\$30.51 (Total Cost/Population)

Total Cost Per Ton: -\$101.16 (Total Cost/Ton)

The Town of New Brockton Full Cost Accounting

FY 2013

Expenses

Collection & Transportation of Solid Waste	\$93,062
Collection & Transportation of Yard Waste	6,144
Disposal of Household Solid Waste	<u>12,264</u>
TOTAL	\$111,470

Income

Garbage Collection Fees Received	\$89,126
----------------------------------	-----------------

Total Cost for Solid Waste: \$22,344 (Expenses less Income)

Population of New Brockton: 1,146

Tons of Material Handled: 632

Total Cost Per Capita Per Year: \$19.50 (Total Cost/Population)

Total Cost Per Ton: \$35.35 (Total Cost/Ton)

Appendix D

Appendix E

Location Description of Known Illegal Dumps in Coffee County, Alabama

1. Coffee County Road 100	GPS Location:	Lat: 31.615098 Long: -85.908396
2. Coffee County Road 500	GPS Location:	Lat: 31.402862 Long: -85.989041
3. Coffee County Road 513	GPS Location:	Lat: 31.368394 Long: -85.973964
4. Coffee County Road 513	GPS Location:	Lat: 31.371646 Long: -85.992596
5. Coffee County Road 51	GPS Location:	Lat: 31.402862 Long: -85.989041
6. Coffee County Road 626	GPS Location:	Lat: 31.272814 Long: -85.935414