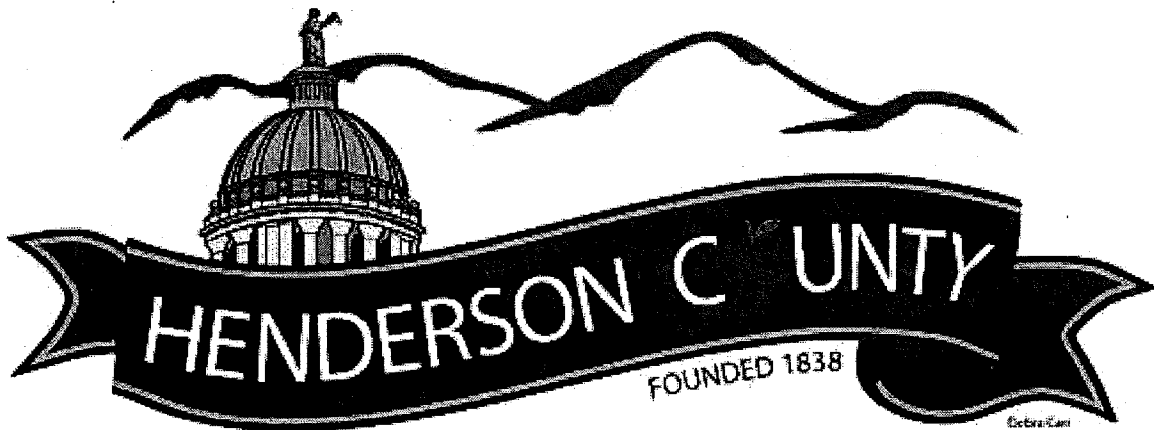


AMH Grant Program Application



Toby Linville
Code Enforcement Services Director
Henderson County
100 N King St.
Hendersonville NC 28792

Phone: 828-694-6627

Fax: 828-697-4533

E-mail:

tlinville@hendersoncountync.org

2. AMH Program Description (must include each of the following):

- An estimate of the number of AMH units intended to be managed during the grant term.

Henderson County's current case load for Nuisance cases has 18 homes that would be eligible for demolition and Henderson County has taken 10 requests from property owners since we completed the last grant cycle. It is anticipated that 25 homes will receive funding under this grant cycle.

- A description of the program approach to sharing the cost of deconstruction with responsible parties and a description of the process for recovery of funds from responsible parties.

Henderson County has budgeted \$5,000 to help low income eligible participants with any cost above the grant allocation. The county will evaluate applicants for financial need and those applicants not eligible must pay the difference of the cost above the grant. Our contactors will not begin work on the project until we have received payment for the additional cost.

- A description of the program approach to deconstruction operations.

Henderson County will award a bid to the lowest qualified bidder (or bidders) to complete the demolition of these units. Deconstruction operations will be undertaken by contractors who will provide a quote based upon a generic sized home for a "per unit cost". The bid shall be awarded to one contractor for all 25 units covered in the grant application.

{For detailed information refer to Attachment # 1 - Request for Proposals Manufactured Home Removal (November 1, 2011)}

- A plan for meeting basic recycling requirements when managing AMH units, at a minimum including the recycling of all metals, including siding, roofing, chassis, and window frames.

Contractors will be required to separate metals and appliances from each home so that as much material as possible can be recycled.

- A plan for removal and proper management of mercury thermostats.

Henderson County staff will inspect each home prior to deconstruction and will check thermostats to ensure that they contain no mercury. If a mercury thermostat is encountered, it will be taken to the Henderson County Transfer Station and kept with the counties household hazardous waste for management by the Assistant County Engineer (Natalie Berry). Qualified contractors dispose of these materials under approved bid and on an as needed basis.

- A plan for the removal and proper management of fluorescent lights.

Any fluorescent lights will also be taken to our Transfer Station and kept with household hazardous waste for management by the Assistant County Engineer (Natalie Berry).

- A plan for the removal and proper management of white goods, tires and other materials banned from disposal in North Carolina.

The Henderson County Transfer station will collect and properly dispose of these items. The contractor will be required to separate any steel, aluminum, copper, or white goods for transport to a qualified metals recycling facility to supplement the cost of demolition. Tires will be taken to the Henderson County Transfer Station. The contractor will be required to properly dispose of any banned items.

- A plan for gathering and tracking program data including the number of units managed and the tonnage and types of materials recycled and disposed for each unit.

Henderson County Code Enforcement Services will gather before and after photographs of each site to include with the county's payment request packet. The contractor will separate bills and receipts from the landfill and recycling center to document the weight of each home.

3. Implementation timeline for AMH program:

- **Projected Contract Term is January 1, 2012 to December 31, 2012:**
- **Units eligible for the grant have already been identified through the county's enforcement efforts and through requests received since the last funding cycle ended.**
- **Key AMH Grant Dates:**
 - **January 1, 2012: Press release to local media outlets explaining the grant process.**
 - **January 1, 2012: RFP issued to local contractors using the qualifications referenced in Attachment # 1. This is a 30 day application process and the Henderson County Code Enforcement Office will select the most qualified bidder in February 1, 2012.**
 - **February 1, 2012: Complete evaluation of bids for deconstruction and award demolition contracts.**
 - **July 1, 2012: All grant related demolition, recycling, and disposal activities completed.**
 - **December 31, 2012: Final report completed and submitted to the state.**
- **The link for the application on the Henderson County Code Enforcement homepage at <http://ww2.hendersoncountync.org/ces/> for interested parties.**

4. Program Budget:

Expenses: The average cost of demolition will be \$1,500 depending upon size, location and contents. Our tipping fee at our transfer station is \$57 per ton. The disposal costs are projected to be between \$300 and \$500 per unit. All hazardous materials handling costs and administrative costs will be incurred by our department as normal operating funds and will not be charged to the AMH program.

Revenues: Henderson County will fund low income eligible parties for any additional costs above the grant allocation. If parties are not eligible they will be responsible for the additional costs. Demolition will not occur until we receive that payment. The proceeds of recyclable materials will be retained by the demolition contractor to offset the cost of demolition. For a detailed expenses and revenues, see the table below:

Table # 1: Henderson County AMH Application Cost Estimates:

Program Expenses	per unit	projected @ 25 units
Contract Deconstruction Services Fee	\$ 1000	\$ 25,000
Disposal Fee (including Tipping Fees)	\$ 500	\$ 12,500
Total Projected Expenditures	\$ 1500	\$ 37,500

Program Revenues	projected @ 25 units
Projected Responsible Party Fees Collected	\$ 7,500
Projected AMH Grant Revenue (Tier 1)	\$ 25,000
County Grant	\$ 5,000
Total Projected Revenue	\$ 37,500

5. Solid Waste Management Plan Component:

Henderson County has an approved Solid Waste Management Plan that contains the required provisions of all Henderson County Municipalities and these government entities are aware of and approve of the Abandoned Manufactured Home (AMH) Program. (See Attachment # 2 for documentation.)

REQUEST FOR PROPOSALS

MANUFACTURED HOME REMOVAL



**100 N King Street
Hendersonville NC 28792**

ISSUE DATE: December 1, 2011

IMPORTANT NOTE: Indicate firm name and RFP name on the front of each sealed proposal envelope or package, along with the date for receipt of proposals specified below. Sealed proposals, subject to the terms and conditions made a part hereof will be received until noon December 30, 2011 for furnishing the services described herein. A prebid conference will not be held, but any questions or requests for a site visit may be directed to Toby Linville at 828-694-6627 tlinville@hendersoncountync.org

SEND ALL PROPOSALS DIRECTLY TO THE ADDRESS ABOVE.

INTRODUCTION:

The North Carolina Department of Environment and Natural Resources will offer counties up to \$1,000 per home for the removal of abandoned manufactured homes. Henderson County is completing the grant application to become a recipient of this program in order to assist citizens in the removal of these uninhabitable homes. This request for proposal will allow contractors to bid on removing these homes on behalf of Henderson County. These homes will not be able to be transported and must be demolished on site. You will need at a minimum equipment to demolish the home and equipment to transport the materials to the appropriate destinations as well as adequate labor.

SCOPE OF WORK: The contractor shall provide all materials, tools, machinery, labor and supervision necessary for the demolition work on the above properties. Demolition work shall include excavation of any footing and foundations and removal of all debris from the demolition site.

**CLEAR AND DEMOLISH THE PARCEL OF ALL STRUCTURES,
IMPROVEMENTS AND DEBRIS.**

PROVISIONS:

1. The property owner shall be responsible for obtaining all permits and will contact all utility providers (water, sewer, electric, gas and cable) prior to commencement of demolition activities to insure that disconnection has been made.
2. Demolition bids shall be awarded to the lowest responsible bidder, considering quality and performance.
3. The contract will relieve Henderson County of any and all liabilities for damages incurred by the Contractor during the demolition of said structure(s). Contractors shall provide certification that they have \$1,000,000.00 liability insurance and workman's compensation coverage for any employee on the job site.
4. All contractors must comply with special conditions established concerning equal employment, affirmative action, and business opportunities.
5. No materials shall be stored or accumulated in any area, but should be transported directly from the site to the landfill or recycling center.
6. The contractor shall be responsible for the removal and proper disposal of all materials and shall provide Henderson County with landfill tipping receipts from the Henderson County Transfer Station and receipts from a certified Recycling Company prior to release of payment. All loads shall be covered and secured prior to and during transport.
7. The contractor will be responsible for detection and safe removal of mercury thermostats and fluorescent lighting. These items will be taken to the Henderson County Transfer Station and maintained in the Household Hazardous Waste building.
8. The contractor relieves Henderson County of all liability in the disposal of debris. The contractor is responsible for all fees and permits, if applicable.
9. No bids will be accepted from contractors who have violated Henderson County Codes or Ordinances.
10. No payment shall be made until all work is satisfactorily completed and approved by Henderson County.

11. Contractor shall demolish dwelling, grade, and seed property to satisfaction of inspector.

REFERENCES

Indicate below three agencies for which you have provided demolition services within the past three years:

Firm: _____
Contract Name: _____
Phone Number: _____

Firm: _____
Contract Name: _____
Phone Number: _____

Firm: _____
Contract Name: _____
Phone Number: _____

COST PROPOSAL

In order to allow each contractor to bid equally for this project the following scenario should be used to estimate the cost per demolition. The site will have adequate access to allow a dump truck with low-boy trailer and backhoe to the site. The home is a 14' x70' metal on metal home with frame and axles. The home will be empty and the estimated weight of landfill materials will be 10,000 lbs. The weight of frame and axles will be 1,000 lbs and the weight of the aluminum siding, window frames and roof will be 300 lbs.

We will be able to demolish up to 25 homes in the grant cycle. Please state your fees based on removing all 25 units which will be in various locations throughout Henderson County. Removal would be estimated at one unit per week.

The cost of demolition in accordance with the specifications herein is listed as follows:

DEMOLITION COST PER UNIT \$ _____

All qualified proposals/bids will be evaluated and award made to the firm(s) whose proposal/bid is deemed to be in the best interest of the County, all factors considered. Henderson County reserves the unqualified right to reject any and all offers if determined in its best interest.

The following information must be included in the proposal:

1. Work Schedule for start and completion
2. Contractor's Licensure with North Carolina as required in the General Statues Chapter 87
3. Warranty on above work

4. See Henderson County Insurance and Bond Requirements posted at [Http://ww2.hendersoncountync.org/rfp/Henderson%20County%20Insurance%20and%20Bond%20Requirements.pdf](http://ww2.hendersoncountync.org/rfp/Henderson%20County%20Insurance%20and%20Bond%20Requirements.pdf)
 - a. Insurance per Article 11
 - b. Bonds (no bonds required)
5. Henderson County's Minority Business Guidelines can be found at the following link: <http://ww2.hendersoncountync.org/rfp/00092588.PDF>
6. Proposed Contract signed by bidder and ready for County's signature.

HENDERSON COUNTY RESERVES THE RIGHT TO REJECT ANY AND / OR ALL BIDS.

EXECUTION OF PROPOSAL

By submitting this proposal, the potential contractor certifies the following:

1. An authorized representative of the firm signs this proposal.
2. It can provide insurance certificates as required within 10 days after notice of award.
3. The cost and availability of all equipment, materials, supplies associated with performing the services described herein have been determined and include in the proposed cost. All labor costs, direct and indirect, have been determined and included in the proposed cost.
4. The potential contractor has read and understands the conditions set forth in this RFP and agrees to them with no exceptions.
5. The contractor has in effect \$1,000,000.00 in general liability insurance and Workers Compensation on all employees.
6. Therefore, in compliance with this Request for Proposal, and subject to all conditions here, the undersigned offers and agrees, if this proposal is accepted within 60 days from the date of the opening, to furnish the subject services at the cost on the "Cost Proposal" section of this document.

CONTRACTOR: _____

ADDRESS: _____

CITY, STATE, ZIP _____

TELEPHONE NUMBER: _____

FEDERAL EMPLOYER IDENTIFICATION NUMBER: _____

BY: _____ **TITLE:** _____ **DATE:** _____

(Signature)

(Typed or printed name)

THIS PAGE MUST BE SIGNED AND INCLUDED IN YOUR PROPOSAL.

UNSIGNED PROPOSALS WILL NOT BE CONSIDERED!!!

ACCEPTANCE OF PROPOSAL

Henderson County

BY: _____ **TITLE:** _____ **DATE:** _____

Attachment # 2

Henderson County 10-Year
Solid Waste Management Plan

HENDERSON COUNTY BOARD OF COMMISSIONERS

1 Historic Courthouse Square, Suite 1
Hendersonville, North Carolina 28792
Phone 828-697-4808 • Fax: 828-692-9855
TDD: 828-697-4580

J. MICHAEL EDNEY
Chairman
THOMAS H. THOMPSON
Vice-Chairman

www.hendersoncountync.org

CHARLIE MESSER
BILL O'CONNOR
LARRY YOUNG

STATE OF NORTH CAROLINA

CERTIFICATION OF TRUE COPY

COUNTY OF HENDERSON

I, **Teresa L. Wilson**, Clerk to the Board of Commissioners for Henderson County, **DO**
HEREBY CERTIFY the attached is a true and accurate copy of the Triennial
Update of the Henderson County Year Solid Waste Management Plan adopted May 20, 2009.



Teresa L. Wilson, Clerk to the Board



[OFFICIAL SEAL]



Henderson County Ten Year Solid Waste Management Plan

2009 Update

Henderson County Solid Waste Division
800 Stoney Mountain Road
Hendersonville, North Carolina 28791

Henderson
 **County**
Recycles

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2009 Update to the Henderson County 10 Year Solid Waste Management Plan

Executive Summary

An effective Solid Waste Department is essential to providing a quality standard of living to the Citizens of Henderson County. Without it, we risk health challenges, unmanageable costs, and harm to our environment. Effective solid waste management is a very important part of growth management. Henderson County Solid Waste is providing this service through a focus on the following: value, compliance and environmental stewardship. The 2008 Ten Year Vision for solid waste outlines the solutions to continue and improve on the department's focus.

The solution to moving forward over the next ten years is not a new revolutionary process, but is our current process with a new perspective. Our current operation needs to be refined to create greater efficiencies and cost savings. There is no new technology on the solid waste horizon that is both feasible and proven. Furthermore, the challenges grow every year. We face increasing costs in operation from unstable fuel costs to more aggressive regulation from the State. However, we must still provide excellent customer service and value to our customers and the citizens of Henderson County. The two greatest opportunities lie with the county's private haulers and recycling.

Henderson County Solid Waste is an enterprise fund separate from the general fund and property taxes. The Solid Waste Capital Improvement Plan developed last year indicates that is possible to continue into the future as a self-supported county function. This is not the case for many solid waste operations and the significant difference between Henderson County and the others is our partnership with the existing network of private haulers. The county's solid waste collection is done largely by private entrepreneurs providing weekly collection service, available to residents as an alternative to transporting their waste to the county facility. Collection of solid waste is expensive and private enterprise and the laws of supply and demand are a potential way to control costs. We need to continue this partnership and help the collection network when possible.

In addition to the private haulers, the most potential for overcoming increasing cost and achieving compliance is recycling. Recycling is no longer just an environmental stewardship opportunity, it is a process that removes material from our waste stream, reduces disposal costs and generates revenue. While the recycling markets fluctuate, there is notable indication recycling will continue to provide an effective means of reducing disposal costs and generating revenue. The recycling markets and number of

end users for recycled products disposal have grown into a strong industry. Furthermore, effective recycling efforts are continuing to be a necessary tool in maintaining compliance with current and new State regulations. Henderson County has established a 40% solid waste reduction goal for FY 2019 through improvements to recycling and other programs. An intermediate reduction goal of 20% is established for FY 2014.

Henderson County Solid Waste Vision

The County's Strategic Plan in Strategy 4.4 (Address solid waste management issues including recycling and upcoming pertinent solid waste legislation) and under the leadership of Katie Breckheimer, chairperson, the Solid Waste Advisory Committee and staff have developed the twenty year vision for Henderson County Solid Waste. The plan details the importance of investing and developing recycling in Henderson County and developing the partnership with the County's permitted private haulers. While the challenges ahead for Solid Waste are significant, the plan provides a path that meets the challenges and maintains Solid Waste operations as an enterprise fund separate from the general fund.

Henderson County Solid Waste Program Overview

Henderson County does not provide any collection services and does not control collection of solid waste. The City of Hendersonville and Town of Fletcher operate waste collection services for their residents. The Town of Laurel provides the same service through a contractor. All three municipalities contract for the weekly curbside collection of recyclables to all residents.

Henderson County closed its municipal solid waste (MSW) landfill at the end of 1997 and began the transfer of MSW to a private out-of-state landfill owned and operated by Waste Management, Inc. in Spartanburg, SC. The county operates one solid waste transfer station located on Stoney Mountain Road in the central part of the county. The Solid Waste Transfer Station receives MSW, Construction & Demolition (C&D) Waste, White Goods (Scrap Metals), Scrap Tires, Wood & Yard Waste, and household recyclables. All solid waste materials are transferred to other facilities. The county also operates a Solid Waste Enforcement program and one recycling center for household recyclables. A description of each of the waste streams and method of operation follows:

MSW - The MSW is transferred to the Palmetto Landfill by contract with Waste Management, Inc. The current contract is through 2010 and Waste Management has informed the county that they would be able to serve the county at the Palmetto Landfill or other Waste Management Landfills for an additional 10 years (See Capacity letter, Appendix). The Palmetto Landfill will be available for about another 5 years, and Waste Management is developing a new landfill just South of Spartanburg S.C. to replace the Palmetto facility. Current tipping fee for MSW is \$52 per ton and cost for transportation and disposal at the Palmetto Landfill is \$33.47/ton. 63,862 tons of MSW were processed through the Henderson County Solid Waste Transfer Station for FY 2007-08 and 22,783 tons of C&D waste were disposed at the Henderson County C&D Landfill.

C&D - On June 30, 2008 the county closed the C&D Landfill at the Stoney Mountain Road Solid Waste Facility. Since the closure of the C&D Landfill, this waste stream has been transferred out of the county as a part of the disposal contract with Waste Management, Inc.

White Goods - White Goods (appliances) and scrap metal are accepted at Stoney Mountain at no charge. During FY 2007-08 approximately 1,459 tons were collected. County staff manages the white goods area, stockpiling the material until it is ready for shipment. Those appliances which potentially contain Freon are segregated. The county hires a scrap processing contractor to remove the Freon and then haul all the metal to a regional market. Currently the county receives revenue from the sale of this material based on market values.

Tires - The county received 1,802 tons of scrap tires in FY 2008. This is approximately 180,200 tires. Tires are manually loaded into transport trailers belonging to US Tire, Inc.

US Tire ships the scrap tires to their facility in Concord, N.C for processing and disposal. A disposal tax is collected on the sale of new tires in North Carolina. The tax is collected at the point of sale and managed by the NC Department of Revenue. Proceeds from the tax are distributed to the counties to pay for the scrap tire disposal program. The tire tax does not cover the entire cost; specifically the tax does not cover the cost to manually load tires into trailers for shipment. This results in the tire program having to be supplemented from tipping fees collected for other waste streams.

Wood & Yard Waste - Wood & Yard Waste is received at the transfer station at approximately 849 tons/year. The current tipping fee for this material is \$52 per ton. A local contractor is hired semiannually for the grinding of this material to mulch. The mulch is given to the public at no charge for use as landscape material.

Household Recyclables - The county operates one recycling center for household recyclables, waste oil, and antifreeze. The current program allows citizens to drop off recyclables and an equal amount of MSW at no charge. The recyclables include containers (glass, metal, and plastic (bottles, jars and jugs)) and fiber (cardboard, news paper, and mixed paper). Approximately 515 tons of containers and 1,348 tons of fiber were collected during FY 2007-08. Also 9,626 gallons of waste oil and 10,000 gallons of antifreeze were collected. Containers and fiber are shipped to Greenville, S.C. to a material recovery facility (MRF) operated by American Recycling, LLC. The county pays for the transportation of the material to the MRF and receives market value upon delivery. In the first four months of FY 2008 the market rates were sufficient for the county to receive \$80,000, the budgeted income for the year. This period was followed immediately by a downturn in the recycling commodity markets that reflected the decline in the larger world economy. During the preparation of this document, prices were so depressed that fiber sold near zero and mixed containers arrive at the market with a price to unload of approximately \$20 per ton. While short term fluctuations in commodity markets make budgeting difficult, the secular trend indicates a continued strengthening of the value of the recovered materials.

There is an undocumented incentive program at the Stoney Mountain recycling collection center where a bag of waste may be deposited free with an accompanying bag of recyclables diverted from disposal. The free MSW disposal allowed in the recycling center is costing the county in excess of \$250,000 per year. The program is subject to frequent abuse and enforcement is difficult. As waste and recycling are usually delivered in different container types, the determination of "bag for bag" becomes subjective. A reconsideration of the value of the incentive is needed.

Some of the private waste hauling companies also offer curbside recycling to their customers. Most of this material is transported by the collector to a recovery facility in Woodfin, NC operated by Curbside Management. Since this material is being transferred out of the county and does not come through the Henderson County facility, Henderson County is not reporting this volume of recyclables on reports to the NC Department of Environment and Natural Resources. Hence, Henderson County's recycling rate is slightly better than indicated in the state annual reports.

The Henderson County Engineering Department, as directed by the Board of Commissioners, is preparing a plan to improve recycling collection. Proposed improvements to the collection center will be designed in late 2009. A central portion of the plan will be a facility that accepts source separated, mixed and single stream recyclable materials from private local haulers, allowing their trucks a mechanism by which to collect and deposit single stream material. The implementation of this plan, combined with an effort to develop a partnership with the private haulers will result in improved efficiency and, most importantly, will make recycling collection available to all households in Henderson County.

MUNICIPAL RECYCLING PROGRAMS

The municipalities in the county run various recycling programs. These are as follows:

City of Hendersonville

Hendersonville currently contracts with Curbside Management out of Asheville to collect household recyclables including glass, plastic, metal cans & containers, mixed paper, cardboard and newsprint. During FY 2007-08 the city collected 1,021 tons of materials. Curbside operates their own MRF and markets their materials. There are no known plans to change this system. Current cost to operate this program is \$167.09/ton.

Town of Fletcher

Fletcher also contracts with Curbside Management out of Asheville to collect household recyclables including glass, plastic, metal cans & containers, and newsprint. During FY 2007-08 the town collected 303 tons of materials. Curbside operates their own MRF and markets their materials. There are no known plans to change this system. Current cost to operate this program is \$180/ton. Beginning March 1, 2009 Fletcher Public Works ceased to accept corrugated cardboard in the weekly MSW collection. An increase in recycling participation resulted.

Town of Laurel Park

The Town of Laurel Park contracts with GDS to collect household recyclables including glass, plastic, metal containers, newsprint and magazines. GDS contracts with Curbside Management out of Asheville for processing these recyclables. During FY 2007-08 GDS collected 96 tons of material. There are no known plans to change this system. Current cost to operate this program is \$147/ton.

Village of Flat Rock and Town of Mills River

The Village of Flat Rock and Town Mills River do not operate solid waste collection programs. Individuals contract with any waste hauling company.

Waste Hauling Companies

Some of the private waste collection companies, locally referred to as private haulers, offer recycling services to their customers in the unincorporated areas of the county. These recyclables do not come through the Henderson County Solid Waste Transfer Station but are hauled directly to Curbside Management in Buncombe County. The private haulers currently pay Curbside Management \$23/ton to process these materials plus the cost of transporting.

OTHER PROGRAMS

Enforcement

The county handles enforcement of its Solid Waste Ordinance with two enforcement officers. One officer works off site handling approximately 200 complaints per year. The county also uses jail labor to assist with litter control at the transfer station and along highways. The Henderson County state prison located adjacent to the Stoney Mountain transfer station has been closed. This has resulted in the loss of prison labor, which has adversely affected the litter and roadside cleanup programs.

Solid Waste Collection

The collection of solid waste is performed by private haulers or municipal public works departments. The county does not provide any collection services.

Enterprise Fund

The Henderson County Solid Waste Department is operated as an Enterprise Fund. The fund receives revenue from tipping fees, sale of scrap metal, white goods tax, and tire tax. There is no revenue from the county general fund (property taxes or sales taxes) provided to the enterprise fund. This being the case, the revenues are highly dependent on the Solid Waste Facility receiving sufficient solid waste, which generates revenue through the tipping fees. Three private haulers provide recycling services to the extra-municipal households in addition to the county's recycling center. Hendersonville, Fletcher, and Laurel Park also offer recycling services through an independent contractor. All of these recycling programs along with the county's white goods, wood & yard waste, and tire programs will contribute to the county's previously established 5% solid waste reduction goal. In recent years this goal has not been met. The following is a summary of the tons disposed, population, disposal rates, percent reduction and lbs./person/day for Henderson County.

YEAR	TONS DISPOSED	POPULATION	PER CAPITA DISPOSAL RATE	% REDUCTION	LBS/PERSON PER DAY
91/92	81,498	71,185	1.14		6.54
92/93	77,761	72,252	1.08	6%	6.15
93/94	71,570	73,356	0.98	15%	5.58
94/95	75,896	75,096	1.01	12%	5.78
95/96	68,950	76,250	0.90	21%	5.17
96/97	87,522	77,558	1.13	1%	6.45
97/98	95,125	79,148	1.20	-5%	6.87
98/99	87,636	80,562	1.09	5%	6.22
99/00	94,280	82,396	1.14	0%	6.54
00/01	95,443	89,173	1.07	7%	6.12
01/02	97,650	91,544	1.07	7%	6.10
02/03	104,249	92,988	1.12	2%	6.41
03/04	116,840	94,496	1.24	-8%	7.07
04/05	119,866	96,124	1.25	-9%	7.13
05/06	133,618	97,792	1.37	-19%	7.81
06/07	123,284	100,107	1.23	-8%	7.04
07/08	116,850	102,142	1.14	0%	6.54
YEAR	PROJECTED	PROJECTED	PROJECTED		PROJECTED
13/14	124,329	114,589	0.91	20%	5.23
18/19	134,533	123,993	0.68	40%	3.92

Reduction

Henderson County promotes source reduction through backyard composting. Information about setting up and operating home composting is available from the Solid Waste Division. Home compost units are available for sale at the Stoney Mountain Activity Center. Columns in the Hendersonville Times News featuring how to set up home composting are published each spring.

Henderson County Engineering Department employs a full time Sustainability Coordinator. The coordinator directs a public education program which encourages waste reduction, reuse and recycling. Among the services provided by this office, the coordinator, working with the Waste Reduction Partners, visits businesses and organizations providing technical support for the development of internal programs leading to waste reduction.

Collection

Hendersonville and Fletcher each operate residential waste collection, providing weekly service to all residential units. Laurel Park contracts with GDS for the same service.

In the unincorporated areas of the county and in the areas incorporated into Mills River and Flat Rock, a group of private haulers make residential waste collection services available. There are approximately eighteen firms providing residential service in Henderson County.

Many haulers compete for customers in the same neighborhoods, sometimes resulting in inefficient routes for the haulers.

An annual forum has been established with the operators of local residential waste collection companies. The SWAC is working toward establishing a network with the existing haulers that is efficient and provides waste and recycling collection services to the community. The committee is identifying and evaluating different approaches for improvements in the residential collection. A local consulting firm has been employed for support on this project. A final report is expected in late 2009.

Henderson County operates a waste collection center at the Stoney Mountain facility. Residents and businesses may bring waste to this center, should they choose not to hire a private hauler's services. An average of 450 cars per day uses the collection center for waste and recycling.

Commercial collection is handled entirely in the private sector. Approximately twenty local firms are permitted by the Henderson County Engineering Department for commercial waste collection.

Recycling and Reuse

Henderson County Engineering Department employs a full time Sustainability Coordinator. The coordinator directs a public education program which encourages waste reduction, reuse and recycling.

Planning for process center to accept single stream materials is in development. Implementation is expected in FY 2011.

Making recycling collection available county wide working through the network of private haulers is a goal for the SWAC set forth in the Solid Waste Vision adopted by the Board of Commissioners in May 2008. The committee is working with the private haulers and a consultant to develop methodology which can meet this goal.

Composting and Mulching

The Solid Waste Division is promoting home composting through education and distribution, at cost, of home units designed for residential composting.

Development of a composting project at the Stoney Mountain facility is currently under consideration. This project will target the composting of select materials, specifically leaves and grass clippings. Start up is projected in 2010.

Incineration

Not under consideration in this planning period.

Transfer outside Geographic Area

The transfer of MSW to an out of county landfill will continue through the planning period of ten years. Waste Management has provided documents indicating available capacity through the planning period and beyond. As a step in the renewal of the contract with the company providing disposal, currently Waste Management, the county may consider proposals from other entities.

Disposal

No plans to develop a county landfill.

Education with the Community and through the Schools

In 2008 Henderson County hired a full time Sustainability Coordinator, whose responsibilities include community education. The coordinator has contacts with each of the 22 schools in the Henderson County Public School system. Working with each

designated contact the coordinator assists in developing in school recycling and providing curriculum and presentations in the schools. The Mobile Environmental Learning Center, a regional educational resource, is used frequently by the coordinator in presenting recycling background and participation at the school level.

Special Waste

Oil

Used motor oil is collected at the Stoney Mountain Collection Center.

Oil filters

Oil filter collection began as a pilot in February 2008 at the Stoney Mountain collection center. The success of this program leads the Solid Waste Division to improve the collection devices in early FY 2010 by providing clean, fiberglass, attractive units designed specifically for the collection and secure storage of used oil filters. By North Carolina statute, the disposal of used motor oil filters by landfilling will be prohibited after October 1, 2009. The division's improved devices will be in place prior to the deadline.

HHW

Henderson County has applied to the North Carolina Division of Pollution Prevention and Environmental Assistance for funding to support the establishment of a permanent facility for the collection of Household Hazardous Waste products. The facility would be constructed on county property at the Stoney Mountain Transfer Station. Select county staff would be trained in waste recognition and proper handling protocol. The facility will be available to Henderson County residents for their home generated products on a monthly basis and by appointment.

Paint

Liquid paint is not accepted at the Stoney Mountain transfer station. Citizens are instructed to dry paint, using cat litter, clay absorbent, or sawdust. Dried paint is accepted in the normal solid waste stream.

Antifreeze

Antifreeze is collected for recycling at the Stoney Mountain Collection Center.

Cooking oil

Cooking oil collection was initiated in February of 2009 at the Stoney Mountain Collection center.

Wooden pallets

Wooden pallets are separated from other waste and stored in a special area near the Stoney Mountain wood grinding. These pallets are available for reuse. Those pallets that are not claimed for reuse are ground into wood chips for use as mulch or boiler fuel.

Plastic bottles

Recycling collection is provided for plastic bottles at the Stoney Mountain collection center. Plastic bottles, other than those used for motor oil, are banned from landfill disposal by NC General Statute, effective October 1, 2009. The Sustainability Coordinator will prepare and release a public education program explaining the ban in August and September 2009.

Illegal Disposal/Litter

There is an aggressive program at the transfer station to enforce the county ordinance requiring all loads transported to be secured. Any loads presenting that are not covered with a secure tarp are refused access, given information on the legal recourse for littering, and directed to a local store where tarps are for sale.

Tarp day

Working with NC DOT on the annual tarp day in October, HCSW distributes free tarps at the entrance to the to the transfer station. The tarps are given to customers who have tarped their load, but the tarp is showing age. For those loads failing to have made any attempt to cover, a citation is given by the HC Sheriff Department.

Division annual participation the NC DOT litter sweep.

Henderson County employs a full time code enforcement officer with the responsibility of illegal dumping, theft of service issues relating to waste management, and assists in enforcement of the county's trap requirements.

Purchasing Recycled Products

County has no program.

Animals

The Stoney Mountain Transfer Station accepts animal carcasses from non agriculture sources.

Disaster Response

In the event of a severe natural disaster, such as flooding or wind and/or ice damage, the designated staging area for waste generated in the disaster cleanup is located at the Stoney Mountain Solid Waste Facility. The existing yard waste/white goods area is the identified area to use in the event of an emergency. Additionally, the old fairgrounds off Hwy 176 are available as a backup for use in extreme situations. Solid Waste Division staff will operate the staging area, screening loads for unacceptable materials and directing material separation for maximum recovery. Wood waste will be diverted to the county mulching program. Masonry waste will be ground for aggregate. MSW will be prepared for shipment to the contracted disposal facility as a first priority. Metals may be extracted for recycling if possible without impeding the shipment of the MSW.

Abandoned Mobile Homes

(1) Identification Method

Henderson County began enforcement of a Public Health Nuisance Ordinance in September 2006. This ordinance prohibits abandoned manufactured homes as defined: **(Abandoned Manufactured Home** means a manufactured home that has not had legal power or was not properly connected to a permitted septic system and water supply in the last 6 months, not to be interpreted to include a manufactured home stored or parked in accordance with a valid zoning permit.) This ordinance is complaint driven and we give the violation the opportunity to permit the home to a livable condition or remove the home. There was a windshield survey performed in 2002 and approximately 80 abandoned manufactured homes were documented. An estimated 40 homes have been demolished in the two years that this ordinance has been in place. In that time there have been more homes that have become uninhabitable. There are at least 50 abandoned manufacture homes currently in Henderson County.

Once a complaint is received concerning an abandoned manufacture homes, the Code Enforcement Services Department investigates the complaint. If there is a home which has not been properly connected to utilities in the last six months, the property owner is issued a Notice of Violation (NOV). This violation allows the owner 30 days to permit the home or begin removal. If the property owner wishes to appeal the right to appeal is spelled out in the ordinance as stated below:

126-7.01 Right of Appeal. When a public nuisance is declared, an owner and/or an occupant of the affected property may appeal the declaration, including an order for abatement or remediation from the Department, by filing a written request with the Henderson County Zoning Board of Adjustment for an administrative hearing within ten calendar days of the date of service under sections 5.01. In the event of an unknown or

absent property owner, the appeal must be requested within ten calendar days of the day of posting of the notice under section 5.02.

Manufactured homeowners or other responsible parties may request designation of their home as an abandoned manufacture homes by calling or writing our office with that request. We have previously received several calls from property owners who had abandoned homes who were seeking assistance in removing those homes.

(2) Deconstruction Plan

Henderson County will conduct a Request for Proposal to find qualified demolition companies who can properly dispose of abandoned manufactured homes. There are currently two local companies who have provided this service on a private basis to homeowners and charged them directly. Either company would be able to provide this service at a reasonable cost. There may be other companies able to provide this service once we advertise for proposals. Code Enforcement staff will identify abandoned manufacture homes by complaint or request. Staff will inspect the home for contents and remove thermostats for mercury switches. The thermostats will be housed at the Henderson County Landfill and disposed with household hazardous waste. The private company would either demolish the home on site or transport to a specific location for demolition. Each company would be responsible for recycling any available metal (outer sheeting, frame, axles, white goods, panel boxes, and accessible wiring) and properly disposing of non-recyclable items at our transfer station or other approved locations.

Appendix A

County & Municipal Board Resolutions

TIMES-NEWS / FRIDAY, MAY 8, 2009 B5

**NOTICE OF
PUBLIC HEARING**

Notice is hereby given pursuant to NCGS 130-A309.09A(b) that the Henderson County Board of Commissioners will hold a Public Hearing on May 20, 2009 at 9:00 am in the Meeting Room of the Historic Courthouse at 1 Historic Courthouse Square, Hendersonville, NC. The purpose of the Public Hearing is to receive comments from the public on an update to the Ten Year Solid Waste Management Plan. For more information concerning the proposed plan contact Will Sagar, Solid Waste Manager at 800 Stoney Mountain Road, Hendersonville, NC 28791 or 828-697-4506. A copy of the Plan Update will be available for review from 7:30 am to 4:00 pm Monday through Friday at the Solid Waste Division office at 800 Stoney Mountain Road, Hendersonville, NC 28791. The public is invited to attend the Public Hearing and comment on the proposed Plan Update.

(5/8)

N000031971

Appendix C

Financial Analyses

Part I. Full Cost Accounting

5. What were the full costs of your local government's solid waste management program? To the best of your ability, please respond in the chart below. The following information will be needed to determine your cost per household and cost per ton.

a. Solid Waste Collection:	Number of households served	4960
b*. Solid Waste Disposal:	Total tonnage disposed by the local government	4324
c. Reduction, Reuse, Recycling:	Number of households served by the recycling program	4960
d*. Reduction, Reuse, Recycling:	Total tonnage of recyclables recovered by the local government	1021
e. Mulching/Composting:	Number of households served by the program	4960
f*. Mulching/Composting:	Total tonnage handled by mulching/composting program	4100

To calculate the total cost per ton in the table below, **DO NOT** add the cost per ton of the 4 program categories; the total cost of all programs should be divided by the total tonnage managed by the local government.

Equation: Total cost per ton = [(program cost 1+2+3+4) ÷ (b+d+f)]

Note: For additional assistance with this section, please contact your manager or finance director.

	1. Solid Waste Collection	2. Municipal Solid Waste Disposal**	3. Reduction, Reuse and Recycling	4. Mulching, Composting and Other Programs	Total Cost
Program Cost*	\$462,174.91	\$207,162.26	\$170,597.08	\$99,910.81	\$939,845.06
Cost per Household***	\$93.18	\$41.77	\$34.39	\$20.14	\$189.48
Cost per Ton	\$48.82	\$21.88	\$18.02	\$10.55	\$99.27

* Item is needed to calculate cost per household and/or costs per ton.

** Estimate either 1. Full-cost of disposal (landfill, transfer station, etc.) including applicable closure costs, or 2. The tipping fee paid by your local government to a disposal facility.

*** If you are collecting commercial/industrial solid waste or recyclables, you do not need to complete the cost per household section.

Overall Program Cost from above (1+2+3+4) = \$939,845.06

Total Tonnage Managed (b+d+f) = 9,466.3

6. If your local government contracts for solid waste or recycling services, please report the annual contract amount.

\$ _____ For solid waste services per year
\$ \$160,597.08 For recycling per year
 OR
 \$ _____ Combined Contract (solid waste and recycling)

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.



Local Government

Please Enter the Name of Your Local Government:
Hendersonville

State of North Carolina

Department of Environment and Natural Resources

Division of Waste Management &

Division of Pollution Prevention and Environmental Assistance

Solid Waste Management Annual Report

July 1, 2007--June 30, 2008

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL REPORTING MANDATE TO THE STATE AS REQUIRED BY G.S. 130 A-309.09A.

Please submit this form to the county manager by **AUGUST 15, 2008.**

If you have questions or concerns, please contact the Solid Waste Section at 919-508-8400, the Division of Pollution Prevention and Environmental Assistance at 919-715-6500, or your Regional Environmental Senior Specialist.

Person Completing This Report: Tom Wooten Title: Director of Public Works
Mailing Address: 305 Williams St City: Hendersonville Zip: 28793
Phone: (828) 697-3084 Date: 8/7/2008
Fax: (828) 697-3089 E-Mail: twooten@cityofhendersonville.org

General Instructions

Please remember that the time period for the report is JULY 1, 2007, through JUNE 30, 2008. Please check "No" if you have nothing to report for a specific question.

- Did your local government have a Recycling Coordinator or similar position for FY 07-08? Yes No
Name Recycling Coordinator (if different from person completing this report.)
Name/Title: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: () _____ Fax: () _____ E-mail: _____
- Did your local government have a Solid Waste Director or similar position for FY 07-08? Yes No
If Yes, Name: Mike Cantrell Title: Sanitation Supervisor
Address: 305 Williams St City: Hendersonville Zip: 28793
Telephone: (828) 697-3084 Fax: (84828) 697-3089 E-mail: mcantrell@cityofhendersonville.org
- Did your local government have dedicated or part-time Enforcement Staff for FY 07-08? Yes No
If Yes, Name: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: () _____ Fax: () _____ E-mail: _____
- Did your local government manage, provide or contract for any solid waste services in FY 2007-08 (e.g., collection, disposal, recycling, mulching, composting)? Yes No

If No, the report is complete, please turn the report into your County Manager.



Please Enter the Name of Your Local Government:
Hendersonville

State of North Carolina

Department of Environment and Natural Resources
Division of Waste Management &
Division of Pollution Prevention and Environmental Assistance

Solid Waste Management Annual Report
July 1, 2007--June 30, 2008

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL
REPORTING MANDATE TO THE STATE AS REQUIRED BY G.S. 130 A-309.09A.

Please submit this form to the county manager by **AUGUST 15, 2008.**

If you have questions or concerns, please contact the Solid Waste Section at 919-508-8400, the Division of Pollution Prevention and Environmental Assistance at 919-715-6500, or your Regional Environmental Senior Specialist.

Person Completing This Report: Tom Wooten Title: Director of Public Works
Mailing Address: 305 Williams St City: Hendersonville Zip: 28793
Phone: (828) 697-3084 Date: 8/7/2008
Fax: (828) 697-3089 E-Mail: twooten@cityofhendersonville.org

General Instructions

Please remember that the time period for the report is JULY 1, 2007, through JUNE 30, 2008. Please check "No" if you have nothing to report for a specific question.

- 1. Did your local government have a Recycling Coordinator or similar position for FY 07-08? Yes No
Name Recycling Coordinator (if different from person completing this report.)
Name/Title: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: () _____ Fax: () _____ E-mail: _____
- 2. Did your local government have a Solid Waste Director or similar position for FY 07-08? Yes No
If Yes, Name: Mike Cantrell Title: Sanitation Supervisor
Address: 305 Williams St City: Hendersonville Zip: 28793
Telephone: (828) 697-3084 Fax: (84828) 697-3089 E-mail: mcantrell@cityofhendersonville.org
- 3. Did your local government have dedicated or part-time Enforcement Staff for FY 07-08? Yes No
If Yes, Name: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: () _____ Fax: () _____ E-mail: _____
- 4. Did your local government manage, provide or contract for any solid waste services in FY 2007-08 (e.g., collection, disposal, recycling, mulching, composting)? Yes No

If No, the report is complete, please turn the report into your County Manager.

Part I. Full Cost Accounting

5. What were the full costs of your local government's solid waste management program? To the best of your ability, please respond in the chart below. The following information will be needed to determine your cost per household and cost per ton.

a. Solid Waste Collection:	Number of households served	4960
b*. Solid Waste Disposal:	Total tonnage disposed by the local government	4324
c. Reduction, Reuse, Recycling:	Number of households served by the recycling program	4960
d*. Reduction, Reuse, Recycling:	Total tonnage of recyclables recovered by the local government	1021
e. Mulching/Composting:	Number of households served by the program	4960
f*. Mulching/Composting:	Total tonnage handled by mulching/composting program	4100

To calculate the total cost per ton in the table below, **DO NOT** add the cost per ton of the 4 program categories; the total cost of all programs should be divided by the total tonnage managed by the local government.

Equation: Total cost per ton = [(program cost 1+2+3+4) ÷ (b+d+f)]

Note: For additional assistance with this section, please contact your manager or finance director.

	1. Solid Waste Collection	2. Municipal Solid Waste Disposal**	3. Reduction, Reuse and Recycling	4. Mulching, Composting and Other Programs	Total Cost
Program Cost*	\$462,174.91	\$207,162.26	\$170,597.08	\$99,910.81	\$939,845.06
Cost per Household***	\$93.18	\$41.77	\$34.39	\$20.14	\$189.48
Cost per Ton	\$48.82	\$21.88	\$18.02	\$10.55	\$99.27

* Item is needed to calculate cost per household and/or costs per ton.

** Estimate either 1. Full-cost of disposal (landfill, transfer station, etc.) including applicable closure costs, or 2. The tipping fee paid by your local government to a disposal facility.

*** If you are collecting commercial/industrial solid waste or recyclables, you do not need to complete the cost per household section.

Overall Program Cost from above (1+2+3+4) = \$939,845.06

Total Tonnage Managed (b+d+f) = 9,466.3

6. If your local government contracts for solid waste or recycling services, please report the annual contract amount.

\$ _____ For solid waste services per year
 \$ \$160,597.08 For recycling per year
 OR
 \$ _____ Combined Contract (solid waste and recycling)

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.



Please Enter the Name of Your Local Government:
Henderson County

State of North Carolina
Department of Environment and Natural Resources
Division of Waste Management &
Division of Pollution Prevention and Environmental Assistance

Solid Waste Management Annual Report
July 1, 2007 -- June 30, 2008

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL REPORTING
MANDATE TO THE STATE AS REQUIRED BY G.S. 130 A_309.09A.

Please submit this form to the county manager by AUGUST 15, 2008.

If you have questions or concerns, please contact the Division of Pollution Prevention and Environmental Assistance at
919-715-6500, the Solid Waste Section at 919-508-8400, or your Regional Environmental Senior Specialist.

Person Completing This Report: Will Sagar Title: Solid Waste Manager
Mailing Address: 802 Stoney Mountain Road City: Hendersonville Zip: 28791
Phone: (828) 697-4506 Fax: (828) 698-5154 Date: 8/13/08
Email: sagar@hendersoncountync.org

General Instructions

Please remember that the time period for the report is JULY 1, 2007 through JUNE 30, 2008. Please check "No" if you have nothing to report
for a specific question.

- 1. Did your local government have a Recycling Coordinator or similar position for FY 07-08? [X] Yes [] No
Name Recycling Coordinator (if different from person completing this report.)
Name: Adrienne Outcalt Title: Sustainability Co-ordinator
Address: 213 First Avenue East City: Hendersonville Zip: 28792
Telephone: 8286946524 Fax: 8286985154 Email: aoutcalt@hendersoncountync.org
2. Did your local government have a Solid Waste Director or similar position for FY 07-08? [X] Yes [] No
If Yes, Name: Will Sagar Title: Solid Waste Manager
Address: 802 Stoney Mountain Road City: Hendersonville Zip: 28791
Telephone: 8286974506 Fax: 8286985154 Email: sagar@hendersoncountync.org
3. Did your local government have dedicated or part-time Enforcement Staff for FY 07-08? [X] Yes [] No
If Yes, Name: Thomas McGraw Title: SW Enforcement Officer
Address: 100 N King St City: Hendersonville Zip: 28792
Telephone: 8286974857 Fax: 8286974658 Email: tmcgraw@hendersoncountync.org
4. Did your local government manage, provide or contract for any solid waste services in FY 2007-08 (e.g., collection, disposal, recycling,
mulching, composting)? [X] Yes [] No

If No, the report is complete, please turn the report into your County Manager.

Part I. Full Cost Accounting

5. What were the full costs of your local government's solid waste management program? To the best of your ability, please respond in the chart below. The following information will be needed to determine your cost per household and cost per ton.

- a. Solid Waste Collection - Number of Households Served: 48,500
- b*. Municipal Waste Disposal - Total Tonnage of MSW Disposed by the Local Government: 86,645
- c. Reduction, Reuse, Recycling - Number of Households served by the Recycling Program: 48,500
- d*. Reduction, Reuse, Recycling - Total Tonnage of Recyclables Recovered by the Local Government: 1,863
- e. Mulching/Composting - Number of Households Served by the Mulching/Composting Program: 48,500
- f*. Mulching/Composting - Total Tonnage Handled by the Mulching/Composting Program: 849

To calculate the total cost per ton in the table below, **DO NOT** add the cost per ton of the 4 program categories; the total cost of all programs should be divided by the total tonnage managed by the local government.

Equation: Total cost per ton = [(program cost 1+2+3+4)/(b+d+f)]

Note: For additional assistance with this section, please contact your manager or finance director.

	1. Solid Waste Collection	2. Municipal Solid Waste Disposal**	3. Reduction, Reuse and Recycling	4. Mulching, Composting and Other Programs	Total Cost
Program Cost*		4,570,144	100,000	50,000	4,720,144
Cost per Household***		94.23	2.06	1.03	97.32
Cost per Ton		52.75	53.67	58.89	52.82

* Item is needed to calculate cost per household and/or costs per ton.

** Estimate either 1. Full-cost of disposal (landfill, transfer station, etc.) including applicable closure costs, or 2. The tipping fee paid by your local government to a disposal facility.

*** If you are collecting commercial/industrial solid waste or recyclables, you do not need to complete the cost per household section.

Overall Program Cost from above (1+2+3+4) = 4,720,144

Total Tonnage Managed (b+d+f) = 89,357

6. If your local government contracts for solid waste or recycling services, please report the annual contract amount.

\$ _____ For solid waste services per year

\$ _____ For recycling per year

OR

\$ _____ Combined Contract (solid waste and recycling)

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.



Please Enter the Name of Your Local Government:
LAUREL PARK

State of North Carolina

Department of Environment and Natural Resources

Division of Waste Management &

Division of Pollution Prevention and Environmental Assistance

Solid Waste Management Annual Report

July 1, 2007--June 30, 2008

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL REPORTING MANDATE TO THE STATE AS REQUIRED BY G.S. 130 A-309.09A.

Please submit this form to the county manager by AUGUST 15, 2008.

If you have questions or concerns, please contact the Solid Waste Section at 919-508-8400, the Division of Pollution Prevention and Environmental Assistance at 919-715-6500, or your Regional Environmental Senior Specialist.

Person Completing This Report: James W. Ball, Jr. Title: Town Manager
Mailing Address: 441 White Pine Drive City: Laurel Park Zip: 28739-0910
Phone: (828) 693-4840 Date: 8/7/08
Fax: (828) 696-4948 E-Mail: jball@laurelpark.org

General Instructions

Please remember that the time period for the report is JULY 1, 2007, through JUNE 30, 2008. Please check "No" if you have nothing to report for a specific question.

- 1. Did your local government have a Recycling Coordinator or similar position for FY 07-08?
Name Recycling Coordinator (if different from person completing this report.)
Name/Title: Address: City: Zip: Telephone: Fax: E-mail:
2. Did your local government have a Solid Waste Director or similar position for FY 07-08?
If Yes, Name: Title: Address: City: Zip: Telephone: Fax: E-mail:
3. Did your local government have dedicated or part-time Enforcement Staff for FY 07-08?
If Yes, Name: Title: Address: City: Zip: Telephone: Fax: E-mail:
4. Did your local government manage, provide or contract for any solid waste services in FY 2007-08 (e.g., collection, disposal, recycling, mulching, composting)?

If No, the report is complete, please turn the report into your County Manager.

Part I. Full Cost Accounting

5. What were the full costs of your local government's solid waste management program? To the best of your ability, please respond in the chart below. The following information will be needed to determine your cost per household and cost per ton.

a. Solid Waste Collection:	Number of households served	1150
b*. Solid Waste Disposal:	Total tonnage disposed by the local government	774
c. Reduction, Reuse, Recycling:	Number of households served by the recycling program	1150
d*. Reduction, Reuse, Recycling:	Total tonnage of recyclables recovered by the local government	96
e. Mulching/Composting:	Number of households served by the program	1150
f*. Mulching/Composting:	Total tonnage handled by mulching/composting program	1111

To calculate the total cost per ton in the table below, **DO NOT** add the cost per ton of the 4 program categories; the total cost of all programs should be divided by the total tonnage managed by the local government.

Equation: Total cost per ton = [(program cost 1+2+3+4) + (b+d+f)]

Note: For additional assistance with this section, please contact your manager or finance director.

	1. Solid Waste Collection	2. Municipal Solid Waste Disposal**	3. Reduction, Reuse and Recycling	4. Mulching, Composting and Other Programs	Total Cost
Program Cost*	85,284	37,082	14,076	8,592	145,034
Cost per Household***	74.16	32.25	12.24	7.47	126.12
Cost per Ton	110.19	47.91	146.63	7.73	73.21

* Item is needed to calculate cost per household and/or costs per ton.

** Estimate either 1. Full-cost of disposal (landfill, transfer station, etc.) including applicable closure costs, or 2. The tipping fee paid by your local government to a disposal facility.

*** If you are collecting commercial/industrial solid waste or recyclables, you do not need to complete the cost per household section.

Overall Program Cost from above (1+2+3+4) = 145,034

Total Tonnage Managed (b+d+f) = 1,981

6. If your local government contracts for solid waste or recycling services, please report the annual contract amount.

\$ 85,284 For solid waste services per year
\$ 14,076 For recycling per year
 OR
\$ 99,360 Combined Contract (solid waste and recycling)

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.



Please Enter the Name of Your Local Government:
Town of Fletcher

State of North Carolina
Department of Environment and Natural Resources
Division of Waste Management &
Division of Pollution Prevention and Environmental Assistance

Solid Waste Management Annual Report

July 1, 2007 -- June 30, 2008

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL REPORTING MANDATE TO THE STATE AS REQUIRED BY G.S. 130 A_309.09A.

Please submit this form to the county manager by **AUGUST 15, 2008.**

If you have questions or concerns, please contact the Division of Pollution Prevention and Environmental Assistance at 919-715-6500, the Solid Waste Section at 919-508-8400, or your Regional Environmental Senior Specialist.

Person Completing This Report: Ronnie Frady Title: Public Works Director
Mailing Address: Hendersonville Road City: Fletcher Zip: 28732
Phone: 828-687-3985 Fax: 828-687-7133 Date: 8/15/2008
Email: r.fradyl@fletchernc.org

General Instructions

Please remember that the time period for the report is JULY 1, 2007 through JUNE 30, 2008. Please check "No" if you have nothing to report for a specific question.

- Did your local government have a Recycling Coordinator or similar position for FY 07-08? Yes No
Name Recycling Coordinator (if different from person completing this report.)
Name: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: _____ Fax: _____ Email: _____
- Did your local government have a Solid Waste Director or similar position for FY 07-08? Yes No
If Yes, Name: _____ Title: _____
Address: _____ City: _____ Zip: _____
Telephone: _____ Fax: _____ Email: _____
- Did your local government have dedicated or part-time Enforcement Staff for FY 07-08? Yes No
If Yes, Name: Ronnie Frady Title: Public Works Director
Address: 4005 Hendersonville Road City: Fletcher Zip: 28732
Telephone: 828-654-9208 Fax: 828-684-9894 Email: r.fradyl@fletchernc.org
- Did your local government manage, provide or contract for any solid waste services in FY 2007-08 (e.g., collection, disposal, recycling, mulching, composting)? Yes No

If No, the report is complete, please turn the report into your County Manager.

Part I. Full Cost Accounting

5. What were the full costs of your local government's solid waste management program? To the best of your ability, please respond in the chart below. The following information will be needed to determine your cost per household and cost per ton.

- a. Solid Waste Collection - Number of Households Served: 2,473
- b*. Municipal Waste Disposal - Total Tonnage of MSW Disposed by the Local Government: 2,039
- c. Reduction, Reuse, Recycling - Number of Households served by the Recycling Program: 2,473
- d*. Reduction, Reuse, Recycling - Total Tonnage of Recyclables Recovered by the Local Government: 303
- e. Mulching/Composting - Number of Households Served by the Mulching/Composting Program: 2,473
- f*. Mulching/Composting - Total Tonnage Handled by the Mulching/Composting Program: 2,672

To calculate the total cost per ton in the table below, **DO NOT** add the cost per ton of the 4 program categories; the total cost of all programs should be divided by the total tonnage managed by the local government.

Equation: Total cost per ton = [(program cost 1+2+3+4)/(b+d+f)]

Note: For additional assistance with this section, please contact your manager or finance director.

	1. Solid Waste Collection	2. Municipal Solid Waste Disposal**	3. Reduction, Reuse and Recycling	4. Mulching, Composting and Other Programs	Total Cost
Program Cost*	81,900	87,697	54,600	Included in MSW	224,197
Cost per Household***	33.12	35.46	22.08		90.66
Cost per Ton	40.17	43.01	180.20		44.71

* Item is needed to calculate cost per household and/or costs per ton.

** Estimate either 1. Full-cost of disposal (landfill, transfer station, etc.) including applicable closure costs, or 2. The tipping fee paid by your local government to a disposal facility.

*** If you are collecting commercial/industrial solid waste or recyclables, you do not need to complete the cost per household section.

Overall Program Cost from above (1+2+3+4) = 224,197

Total Tonnage Managed (b+d+f) = 5,014

6. If your local government contracts for solid waste or recycling services, please report the annual contract amount.

\$ _____ For solid waste services per year

\$54,600 _____ For recycling per year

OR

\$ _____ Combined Contract (solid waste and recycling)

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.

Appendix D

Waste characterization

MSW	Tons	Traffic Count
Flat fees (estimated)	8,663.42	40,810
ROADSIDE	19.02	
HB/H'V MSW	31.28	
D. O. T.	68.74	
DEMOLITION	22,807.39	
MUNICIPAL	64,087.69	
	95,677.53	

Yard Waste

Flat fees	509.37	1,653
WOODWASTE	74.32	
YARD TRASH	833.08	
	1,416.77	

Appendix E

Planning Element Sheets

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input checked="" type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
| <input type="checkbox"/> Transfer outside geographic area | <input type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products | <input type="checkbox"/> Special Waste |
| <input type="checkbox"/> Composting and Mulching | <input type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Recycling and Reuse | |

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	KEY ACTIONS	DATE DUE	
Full time Sustainability Coordinator				Hired February 2008		
Promotion of Compostion				Launch in FY 2010		
Sale of compost bins				Started in FY 2009		

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input checked="" type="checkbox"/> Collection |
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| <input type="checkbox"/> Composting and Mulching | <input type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Recycling and Reuse | |

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	KEY ACTIONS	DATE DUE	
Commercial Collection				Consider improving the convenience center	FY 2010	4,000
				Establish an improved network with the existing waste collection companies.	FY 2011	11,000

**PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN**

PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
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COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	
Started program Sustainability Coordinator				Develop a single stream process facility	2012	

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
| <input type="checkbox"/> Transfer outside geographic area | <input type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products | <input type="checkbox"/> Special Waste |
| <input checked="" type="checkbox"/> Composting and Mulching | <input type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Recycling and Reuse | |

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR	
		Compost yard waste	FY 2013	1,000	

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
| <input type="checkbox"/> Transfer outside geographic area | <input type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products | <input type="checkbox"/> Special Waste |
| <input type="checkbox"/> Composting and Mulching | <input checked="" type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Recycling and Reuse | |

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR	
Previously considered and deemed inappropriate		None			

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 2009 through 2019

Check appropriate element

- Reduction
- Transfer outside geographic area
- Composting and Mulching
- Disaster Response Education with community & through schools
- Incineration with/without energy recovery
- Illegal Disposal/Litter Collection of Computer Equipment and Televisions
- Management of Abandoned Manufactured Homes
- Disposal
- Purchasing Recycled Products
- Recycling and Reuse
- Collection
- Special Waste

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	KEY ACTIONS	DATE DUE	
Contracted for disposal				Complete		
Bid contract change or renewal				Prepare RFP	July 2010	

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input checked="" type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
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COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR
MSW Landfill closed 1998			None		
C&D Landfill closed 2008					

**PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN**

PLANNING YEARS 20 _____ through 20 _____

Check appropriate element

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
| <input type="checkbox"/> Transfer outside geographic area | <input checked="" type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products | <input type="checkbox"/> Special Waste |
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COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	KEY ACTIONS	DATE DUE	
Sustainability Coordinator hired Mobile Environmental Learning Center utilized				Continue and increase use of both		

PLANNING ELEMENTS

NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 20 through 20

Check appropriate element

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal |
| <input type="checkbox"/> Transfer outside geographic area | <input type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products |
| <input type="checkbox"/> Composting and Mulching | <input type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Management of Abandoned Manufactured Homes | <input checked="" type="checkbox"/> Special Waste |
| | | | <input type="checkbox"/> Recycling and Reuse |

COMPLETED ACTIONS	INCOMPLETE ACTIONS	NEW / REVISED ACTIONS	ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	KEY ACTIONS	KEY ACTIONS	DATE DUE
Oil collected at Stoney Mountain	Liquid Paint not accepted.	Oil Filter collection	April 2010
Antifreeze collected at Stoney Mountain	Dry paint is not hazardous.	Permanent HHW collection	April 2010
Cooking oil collected at Stoney Mountain			
Wood Pallets are ground into mulch and fuel.			
Plastic bottles are collected at Stoney Mountain			

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input checked="" type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
| <input type="checkbox"/> Transfer outside geographic area | <input type="checkbox"/> Education with community & through schools | <input type="checkbox"/> Collection of Computer Equipment and Televisions | <input type="checkbox"/> Purchasing Recycled Products | <input type="checkbox"/> Special Waste |
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COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR	
Aggressive tarp enforcement Tarp Day participation at Stoney Mountain Annual participation in the NC DOT Litter Sweep Full time code enforcement officer to respond to dumping activities					

**PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 2009 through 2019**

Check appropriate element

- Reduction
- Transfer outside geographic area
- Composting and Mulching
- Disaster Response Education with community & through schools
- Incineration with/without energy recovery
- Illegal Disposal/Litter Collection of Computer Equipment and Televisions
- Management of Abandoned Manufactured Homes
- Disposal
- Purchasing Recycled Products
- Recycling and Reuse
- Collection
- Special Waste

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR
No program				None		

PLANNING ELEMENTS NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN

PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Reduction
<input type="checkbox"/> Transfer outside geographic area
<input type="checkbox"/> Composting and Mulching | <input checked="" type="checkbox"/> Disaster Response Education with community & through schools
<input type="checkbox"/> Incineration with/without energy recovery | <input type="checkbox"/> Illegal Disposal/Litter Collection of Computer Equipment and Televisions
<input type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Disposal Purchasing Recycled Products
<input type="checkbox"/> Recycling and Reuse
<input type="checkbox"/> Collection
<input type="checkbox"/> Special Waste |
|---|--|--|---|

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS		ESTIMATED TONS DIVERTED IN 10TH YEAR
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	KEY ACTIONS	DATE DUE		
Designated staging area identified						

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 20 _____ through 20 _____

Check appropriate element

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
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COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR	
One day collection events held			FY 2010		
		Permanent Recycling of Televisions and Electronics			

PLANNING ELEMENTS
NC LOCAL GOVERNMENT 10 YEAR SOLID WASTE MANAGEMENT PLAN
PLANNING YEARS 2009 through 2019

Check appropriate element

- | | | | | |
|---|---|--|---|--|
| <input type="checkbox"/> Reduction | <input type="checkbox"/> Disaster Response | <input type="checkbox"/> Illegal Disposal/Litter | <input type="checkbox"/> Disposal | <input type="checkbox"/> Collection |
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| <input type="checkbox"/> Composting and Mulching | <input type="checkbox"/> Incineration with/without energy recovery | <input checked="" type="checkbox"/> Management of Abandoned Manufactured Homes | <input type="checkbox"/> Recycling and Reuse | |

COMPLETED ACTIONS		INCOMPLETE ACTIONS		NEW / REVISED ACTIONS	
KEY ACTIONS	WHY INCOMPLETE?	KEY ACTIONS	DATE DUE	ESTIMATED TONS DIVERTED IN 10TH YEAR	
Survey performed in 2002			Code Enforcement Services Department manages removal		

Resolutions from Henderson
County Board and
Municipalities

***Proposed Henderson County Abandoned
Manufactured Homes – AMH Grants (2011)***

HENDERSON COUNTY BOARD OF COMMISSIONERS

1 Historic Courthouse Square, Suite 1
Hendersonville, North Carolina 28792
Phone 828-697-4808 • Fax: 828-698-4443

TDD: 828-697-4580

www.hendersoncountync.org

BILL MOYER
Chairman
CHARLIE MESSER
Vice-Chairman

CHUCK McGRADY
MARK WILLIAMS
LARRY YOUNG

**RESOLUTION ACCEPTING AND ENDORSING THE SOLID WASTE
MANAGEMENT PLAN OF 2009 FOR HENDERSON COUNTY:**

WHEREAS, it is a priority of this community to protect human health and the environment through safe and effective management of municipal solid waste;

WHEREAS, the reduction of the amount and toxicity of the local waste stream is a goal of this community;

WHEREAS, equitable and efficient delivery of solid waste management services is an essential characteristic of the local solid waste management system;

WHEREAS, it is a goal of the community to maintain and improve its physical appearance and to reduce the adverse effects of illegal disposal and littering;

WHEREAS, involvement and education of the citizenry is critical to the establishment of an effective local solid waste program;

WHEREAS, the State of North Carolina has placed planning responsibility on local government for the management of solid waste;

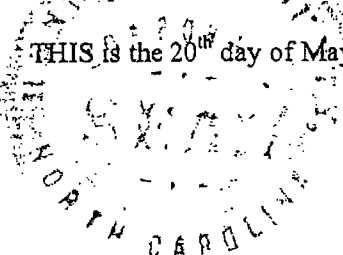
WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to update the Ten Year Comprehensive Solid Waste Management Plan at least every three years;

WHEREAS, the Henderson County Engineering Department and the Solid Waste Advisory Committee have undertaken and completed a long-range planning effort to evaluate the appropriate technologies and strategies available to manage solid waste effectively;

NOW, THEREFORE, BE IT RESOLVED, by the Henderson County Board of Commissioners:

That Henderson County's 2009 Ten Year Comprehensive Solid Waste Management Plan is accepted and endorsed and placed on file with Clerk to the Board.

THIS is the 20th day of May, 2009.



HENDERSON COUNTY BOARD OF COMMISSIONERS

BY:

William L. Moyer
William L. Moyer, Chairman

ATTEST:

Teresa L. Wilson

[OFFICIAL SEAL]

Teresa L. Wilson, Clerk to the Board

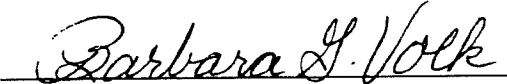
**RESOLUTION DECLARING THE CITY OF HENDERSONVILLE'S INTENT TO PARTICIPATE IN
NCDENR'S ABANDONED MANUFACTURED HOME REMOVAL GRANT PROGRAM**

- WHEREAS:** The City of Hendersonville is a body politic promoting public health and nuisance prevention throughout its jurisdiction; and
- WHEREAS:** many Hendersonville residents own mobile homes that are dilapidated beyond repair but lack the resources to have these homes removed and properly disposed of; and
- WHEREAS:** the North Carolina Department of Environment and Natural Resources created a grant program to pay up to \$1,000 per home for the removal of abandoned mobile homes up to a total grant allocation of \$25,000 that Henderson County is an eligible recipient of from March 2010 to February 2011; and
- WHEREAS:** The City of Hendersonville desires to participate in the State grant program to remove abandoned mobile homes within its jurisdiction of the county; and
- WHEREAS:** a uniform removal program in the county and Hendersonville will provide access to grant funds to a great number of low income citizens of the County and allow for the removal of more abandoned mobile homes;


NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hendersonville as follows:

1. Hendersonville declares its intent to join the county program through the passage of this resolution and the signing of the Memorandum of Understanding with Henderson County.
2. State funds reimburse removal of abandoned mobile homes up to \$1,000. The City of Hendersonville shall be responsible for the remaining costs either through municipal funds or by the owner. The City of Hendersonville shall be responsible for remaining costs and Henderson County shall not be liable for these funds.
3. Removals shall only be funded until state grant funds are expended or until the grant expires.
4. Administration of this program shall be conducted by the Director of the Code Enforcement Services Department for Henderson County. The Director shall assist the City of Hendersonville in setting up an appropriate program for abandoned mobile home removal.
5. City of Hendersonville residents accepting grant funds must comply with the County grant program application that has been approved by the state for grant funding.
6. This resolution will be effective upon the date of adoption.

Adopted the third day of June, 2010.


Barbara G. Volk, Mayor

ATTEST:


Tammie K. Drake, CMC, City Clerk

A RESOLUTION AUTHORIZING THE TOWN OF FLETCHER TO PARTICIPATE IN THE
NCDENR ABANDONED MANUFACTURED HOME REMOVAL GRANT PROGRAM

WHEREAS The Town of Fletcher is a body politic promoting public health and nuisance prevention throughout its jurisdiction;

WHEREAS some Fletcher residents own mobile homes that are dilapidated beyond repair but lack the resources to have these homes removed and properly disposed of;

WHEREAS the North Carolina Department of Environment and Natural Resources created a grant program to pay up to \$1000 per home for the removal of abandoned mobile homes up to a total grant allocation of \$25,000 that Henderson County is an eligible recipient of from March 2010 to February 2011;

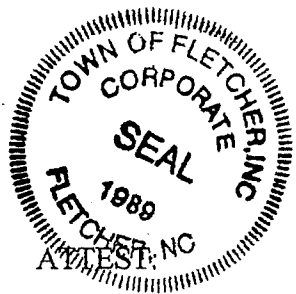
WHEREAS The Town of Fletcher is desirous to participate in the state grant program to remove abandoned mobile homes within its jurisdiction of the County;

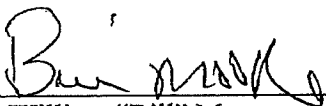
WHEREAS a uniform removal program in the County and The Town of Fletcher will provide access to grant funds to a great number of low income citizens of the County and allow for the removal of more abandoned mobile homes;

NOW, THEREFORE, BE IT RESOLVED by The Town of Fletcher as follows:

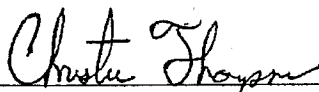
1. The Town of Fletcher declares its intent to join the County program through the passage of this resolution and the signage of the Memorandum of Understanding with the County.
2. State funds reimburse removal of abandoned mobile homes up to \$1000. The owner shall be responsible for the remaining costs of the removal of the mobile home.
3. Removals shall only be funded until state grant funds are expended or until the grant expires.
4. Administration of this program shall be conducted by the Director of the Code Enforcement Services Department for Henderson County. The Director shall assist The Town of Fletcher in setting up an appropriate program for abandoned mobile home removal.
5. Fletcher residents accepting grant funds must comply with the County grant program application that has been approved by the state for grant funding.
6. This resolution will be effective upon the date of adoption.

Adopted this the 14 day of June 2010





Mayor William "Bill" Moore



Christine Thompson, CMC



**RESOLUTION -
NCDENR ABANDONED MANUFACTURED HOME
REMOVAL GRANT PROGRAM**

WHEREAS, the Mills River Town Council is a body politic promoting public health and nuisance prevention throughout its jurisdiction;

WHEREAS, many Mills River residents own mobile homes that are dilapidated beyond repair but lack the resources to have these homes removed and properly disposed of;

WHEREAS, the North Carolina Department of Environment and Natural Resources created a grant program to pay up to \$1000 per home for the removal of abandoned mobile homes up to a total grant allocation of \$25,000 that Henderson County is an eligible recipient of from March 2010 to February 2011;

WHEREAS, the Town of Mills River is desirous to participate in the State grant program to remove abandoned mobile homes within its jurisdiction of the County;

WHEREAS, a uniform removal program in the County and the Town of Mills River will provide access to grant funds to a great number of low income citizens of the County and allow for the removal of more abandoned mobile homes;

NOW, THEREFORE, BE IT RESOLVED by Mills River Town Council as follows:

The Mills River Town Council declares its intent to join the County program through the passage of this resolution and the signage of the Memorandum of Understanding with the County.

State funds reimburse removal of abandoned mobile homes up to \$1000. [Municipality] shall be responsible for the remaining costs either through municipal funds or by the owner. [Municipality] shall be responsible for remaining costs and the County shall not be liable for these funds.

Removals shall only be funded until state grant funds are expended or until the grant expires.

Administration of this program shall be conducted by the Director of the Code Enforcement Services Department for Henderson County. The Director shall assist Mills River in setting up an appropriate program for abandoned mobile home removal.

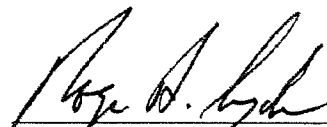
Mills River residents accepting grant funds must comply with the County grant program application that has been approved by the state for grant funding.

This resolution will be effective upon the date of adoption. Adopted this 27th day of May, 2010

ATTEST:



Susan L. Powell, CMC, Town Clerk



Roger D. Snyder Mayor



**STATE OF NORTH CAROLINA
COUNTY OF HENDERSON**

MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT, made and entered into this the 28th day of November, 2011 by and between **HENDERSON COUNTY**, hereinafter "the County" and Laurel Park, hereinafter "the Municipality"

WITNESSETH:

WHEREAS many Henderson County citizens own mobile homes that are dilapidated beyond repair but lack the resources to have these homes removed and properly disposed of;

WHEREAS the North Carolina Department of Environment and Natural Resources created a grant program to pay up to \$1000 per home for the removal of abandoned mobile homes up to a total grant allocation of \$25,000 that Henderson County is an eligible recipient of from November 2011 to November 2012;

WHEREAS the municipality is desirous to participate in the state grant program to remove abandoned mobile homes in the incorporated areas of the County;

WHEREAS a uniform removal program in the County and municipalities will provide access to grant funds to a great number of low income citizens of the County and allow for the removal of more abandoned mobile homes;

NOW THEREFORE in consideration of mutual promises contained herein by the County and the Employee and more particularly described as follows:

TERMS AND CONDITIONS

1. Purpose: To remove abandoned mobile homes in the incorporated and unincorporated areas of Henderson County to abate nuisance and public health concerns, whether potential or realized.
2. Term: The term of this agreement shall run until November 2012 or until all state grant funds are expended, whichever occurs first.
3. Application: Applicants within the municipality must complete the County removal application. As part of the application, applicants shall give permission to municipal, county, and vendor staff to be on the property, examine the mobile home, and to remove the mobile home.

4. Municipal Contact: The municipality shall identify a contact within the municipality that the County shall communicate with regarding the implementation of the program, remaining grant funds and current applications.

5. Process:

- a. Application. Applicants within municipalities shall complete County application and submit the completed form to the municipality which shall send it to the County for processing.
- b. Review. The County shall review the application to ensure that it is complete and meets state grant requirements.
- c. Estimate for Work. The County shall contact identified vendors and visit the property as necessary to schedule the removal and obtain an estimate for cost.
- d. Payment to the County. If the estimate is more than the \$1000 allocated by state funds, the County shall contact the municipality to obtain the remainder of funds. The municipality shall contact the property owner regarding these costs. Remainder costs shall be submitted to the County prior to the removal of the mobile home.
- e. Removal. Once remaining costs are submitted to the County, a removal time will be scheduled, the property owner shall be notified of the scheduling, and the mobile home shall be removed.
- f. Reimbursement of state funds. The County shall contact the state to be reimbursed for the state funds utilized for the removal.

6. Appropriate vendors: The Director of Code Enforcement Services shall utilize a vendor for the removal of all mobile homes funded with grant funds. This entity will be the most qualified and lowest priced vendor to submit a request for proposal.

7. Expenditure of State Funds. The County and the municipality shall only remove mobile homes that receive state removal funds. Once state removal funds have been completely obligated no further removals shall be arranged by the municipality or County.

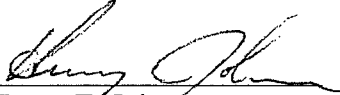
8. Extensions: In the event that the County receives similar funds in the following budget period, this agreement may be extended at the option of both parties in writing.

9. Program Administration: Administration of this program shall be conducted by the Director of the Code Enforcement Services Department.

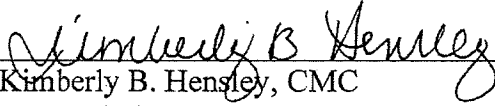
10. Compliance with state regulations: Municipalities and municipal residents accepting grant funds must comply with the County grant procedures and state regulations regarding the grant funds.

In witness hereof, all parties have caused this Memorandum of Understanding to be duly approved, and to be executed in duplicate, each to have the force and effect of an original.

Witness my hand and official seal, this 15th day of November 2011.


Henry T. Johnson
Mayor

ATTEST:


Kimberly B. Hensley, CMC
Town Clerk

**STATE OF NORTH CAROLINA
COUNTY OF HENDERSON**

MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT, made and entered into as of the 28th day of November 2011 by and between **HENDERSON COUNTY**, hereinafter "the County," and the **VILLAGE OF FLAT ROCK**, hereinafter "the Municipality."

WITNESSETH:

WHEREAS, many Henderson County citizens own mobile homes that are dilapidated beyond repair but lack the resources to have these homes removed and properly disposed of;

WHEREAS, the North Carolina Department of Environment and Natural Resources created a grant program to pay up to \$1,000 per home for the removal of abandoned mobile homes up to a total grant allocation of \$25,000 that Henderson County is an eligible recipient of from November 2011 to November 2012;

WHEREAS, the municipality is desirous to participate in the state grant program to remove abandoned mobile homes in the incorporated areas of the County;

WHEREAS, a uniform removal program in the County and municipalities will provide access to grant funds to a great number of low income citizens of the County and allow for the removal of more abandoned mobile homes;

NOW THEREFORE, in consideration of mutual promises contained herein by the County and the Municipality, and more particularly described as follows:

TERMS AND CONDITIONS

1. Purpose: To remove abandoned mobile homes in the incorporated and unincorporated areas of Henderson County to abate nuisance and public health concerns, whether potential or realized.
2. Term: The term of this agreement shall run until November 2012 or until all state grant funds are expended, whichever occurs first.
3. Application: Applicants within the municipality must complete the County removal application. As part of the application, applicants shall give permission to municipal, county, and vendor staff to be on the property, examine the mobile home, and to remove the mobile home.

4. Municipal Contact: The municipality shall identify a contact within the municipality that the County shall communicate with regarding the implementation of the program, remaining grant funds and current applications.

5. Process:

- a. Application. Applicants within municipalities shall complete County application and submit the completed form to the municipality which shall send it to the County for processing.
- b. Review. The County shall review the application to ensure that it is complete and meets state grant requirements.
- c. Estimate for Work. The County shall contact identified vendors and visit the property as necessary to schedule the removal and obtain an estimate of cost.
- d. Payment to the County. If the estimate is more than the \$1,000 allocated by state funds, the County shall contact the municipality to obtain the remainder of funds. The municipality shall contact the property owner regarding these costs. Remainder costs shall be submitted to the County prior to the removal of the mobile home.
- e. Removal. Once remaining costs are submitted to the County, a removal time will be scheduled, the property owner shall be notified of the scheduling, and the mobile home shall be removed.
- f. Reimbursement of state funds. The County shall contact the state to be reimbursed for the state funds utilized for the removal.

6. Appropriate vendors: The Director of Code Enforcement Services shall utilize a vendor for the removal of all mobile homes funded with grant funds. This entity will be the most qualified and lowest priced vendor to submit a request for proposal.

7. Expenditure of State Funds. The County and the municipality shall only remove mobile homes that receive state removal funds. Once state removal funds have been completely obligated no further removals shall be arranged by the municipality or County.

8. Extensions: In the event that the County receives similar funds in the following budget period, this agreement may be extended at the option of both parties in writing.

9. Program Administration: Administration of this program shall be conducted by the Director of the Code Enforcement Services Department.

10. Compliance with state regulations: Municipalities and municipal residents accepting grant funds must comply with the County grant procedures and state regulations regarding the grant funds.

IN WITNESS HEREOF, all parties have caused this Memorandum of Understanding to be duly approved, and to be executed in duplicate, each to have the force and effect of an original.

I have read and understand the foregoing Abandoned Manufactured Home Grant procedures and requirements.

VILLAGE OF FLAT ROCK

By Robert V. Staton
Robert V. Staton, Mayor

Date: 11/17/2011

Please include the Village of Flat Rock in this grant opportunity.

HENDERSON COUNTY

By John Lunde