

**PERSON COUNTY BOARD OF COMMISSIONERS**  
**MEMBERS PRESENT**

**JUNE 1, 2009**  
**OTHERS PRESENT**

Johnny Myrl Lunsford  
Jimmy B. Clayton  
Kyle W. Puryear  
B. Ray Jeffers  
Samuel R. Kennington

Heidi York, County Manager  
C. Ronald Aycock, County Attorney  
Brenda B. Reaves, Clerk to the Board

The Board of Commissioners for the County of Person, North Carolina, met in recessed session on Monday, June 1, 2009 at 7:00 p.m. in the Commissioners' meeting room in the Person County Office Building following a dinner with the Advisory Council of the Person County Cooperative Extension Service at 5:45 p.m., in the County Office Building Auditorium.

Chairman Lunsford called the meeting to order and asked Commissioner Clayton to lead in prayer and Commissioner Kennington to lead the Pledge of Allegiance.

**FISCAL YEAR 2009-2010 BUDGET PUBLIC HEARING:**

The Fiscal Year 2009-2010 Budget Public Hearing was advertised on May 20, 2009 and on May 23, 2009.

A **motion** was made by Commissioner Puryear, **seconded** by Commissioner Clayton and **carried** to open the Fiscal Year 2009-2010 Budget Public Hearing.

The following individuals spoke during the Fiscal Year 2009-2010 Budget Public Hearing:

Ms. Delores Carver of 415 Edgar Street, Roxboro, and current Assistant Register of Deeds who has been employed over 33 years with Person County stated she will be forced to retire November 1, 2009, and conveyed a success story of her part reuniting a son with his father after 44 years.

Mr. Al Hancock of 225 Roy Pierce Road, Timberlake, and Commander of the Person County Chapter 72 of Disabled American Veterans thanked the Board for supporting the veterans of Person County by keeping veteran's services in the budget.

Mr. Robert Ferrell of 1356 Holeman Ashley Road, Timberlake, and Commander of the American Legion Lester Blackwell Post 138 conveyed to the Board that the current Veterans Services Officer is certified by the NC DBA and the American Legion for the State of North Carolina. The person at Piedmont Community College is not a Veterans Certified Officer and can only assist in educational benefits.

**June 1, 2009**

Mr. Johnny Langford of 450 Gabriel Jones Road, Roxboro stated to the Board the value of Mayo Park as a resource to our county. Mr. Langford also noted the importance of the veteran's services.

Sheriff Dewey Jones announced that it was brought to his attention by the Association of County Commissioners that the House Appropriations is proposing to cut or eliminate fees that will definitely impact all counties in jail services as well as proposing to have staff pay for continuing education required for community service personnel. Sheriff requested the Board to contact legislators to voice opposition of the two proposed bills as described, and stated our county budget would severely be impacted should the bills be passed.

A **motion** was made by Commissioner Puryear, **seconded** by Commissioner Jeffers and **carried** to close the Fiscal Year 2009-2010 Budget Public Hearing

#### **DISCUSSION/ADJUSTMENT/APPROVAL OF AGENDA:**

A **motion** was made by Commissioner Clayton, **seconded** by Commissioner Jeffers and **carried** to approve the agenda.

#### **INFORMAL COMMENTS:**

There were no comments from the public.

#### **APPROVAL OF MINUTES:**

A **motion** was made by Commissioner Jeffers, **seconded** by Commissioner Puryear, and **carried** to approve the minutes of May 18, 2009.

#### **ADMINISTRATIVE REPORTS:**

A **motion** was made by Commissioner Puryear, **seconded** by Commissioner Jeffers, and **carried** to approve the Administrative Reports for the Library and Tax Administration & Collections.

#### **JUVENILE CRIME PREVENTION COUNCIL APPOINTMENT:**

Clerk to the Board, Brenda Reaves requested the Board to make nomination of the applicants for the Juvenile Crime Prevention Council. Applications were received from Deondre J. ("DJ") Lester and Joseph Dale Parrish for one JCPC position slot representing a person under the age of 21 for an initial one year term.

Ms. Reaves stated at the May 18, 2009 Board of Commissioner meeting, by show of hands, Commissioners Kennington and Chairman Lunsford voted in favor of Deondre J. (DJ) Lester and Commissioners Puryear and Clayton voted in favor of Joseph Dale Parrish thereby ending in a tie with Commissioner Jeffers being absent. After Board discussion on May 18, 2009, it was the consensus of the Board to delay this appointment until the next regular scheduled Board meeting on June 1, 2009.

**June 1, 2009**

It was the **unanimous vote** of the Board to appoint Deondre J. (DJ) Lester to the Juvenile Crime Prevention Council representing the person under 21 for an initial one year term.

**REQUEST FOR APPROVAL OF THE HOME & COMMUNITY CARE BLOCK GRANT FUNDING FOR FISCAL YEAR 2009-2010:**

Sandra Hicks, Host Site Representative for the Home & Community Care Block Grant appeared before the Board requesting approval for the Home & Community Care Block Grant (H&CCBG) 2009-2010 Fiscal Year Funding as outlined below. Ms. Hicks stated that this Home & Community Care Block Grant is the largest source of funding for the Council of Aging with additional funding from Person County, United Way, donations and sometimes grants.

	DOA/AAA	ADC	IN-HOME	TOTAL H&CCBG	LOCAL MATCH	GRAND TOTAL
PERSON	\$294,877	0	\$22,737	\$317,614	\$35,290	\$352,904

	H&CCBG	LOCAL MATCH	TOTAL
Access Services*	\$17,225	\$1,914	\$19,139
In-Home Services*	\$14,354	\$1,595	\$15,949
Congregate Nutrition	\$41,384	\$4,598	\$45,982
Home Delivered Meals	\$34,978	\$3,886	\$38,864

\*Minimum Budget Requirements

Agency Distribution of Total H&CCBG	2008-2009	2009-2010
PC Council on Aging (88.4%)	283,150	280,771
PC DSS (9.4%)	30,190	29,856
Generations ADS (2.2%)	7,147	6,987
	320,487	317,614

A **motion** was made by Commissioner Clayton, **seconded** by Commissioner Jeffers, and **carried** to approve the Home & Community Care Block Grant 2009-2010 Fiscal Year Funding as presented.

**June 1, 2009**

**CONSIDERATION FOR A VARIATION TO THE SUBDIVISION ORDINANCE  
FOR A FLAG LOT OFF OF SURL-MT. TIRZAH ROAD:**

Paula Murphy stated that on April 3, 2009 a request for a variation to the Subdivision Ordinance to allow a flag lot was presented by James Hill for David Chance. This is a request to create a flag lot on property located on Surl Mt. Tirzah Road. The property in question is owned by David Chance and consists of 101.24 acres (shown as Tract C). The property currently has no access, therefore, is landlocked. Mr. James Hill who owns Tract A consisting of 87.43 acres with frontage on Surl Mt. Tirzah Road has offered to sell Mr. Chance a fifty foot strip of land so that Tract C will not be landlocked. Mr. Hill prefers not to grant access over an easement because he would then have to pay the property taxes on that easement. The fifty foot addition to Mr. Chances' lot will be deemed a flag lot and approval must be granted by the Board of County Commissioners.

The Ordinance states that flag lots should be considered when there is no other option for providing access to a parcel. Since this parcel is landlocked, the only means to obtain access is either by a flag lot or a fifty foot easement granted by Mr. Hill. There is a stream located on Tract A and C and the proposed Tract B. It should be noted that proper permits from the appropriate government agency will need to be obtained in order to cross a stream. Per the Neuse River regulations, the stream must have a fifty foot undisturbed buffer from the top of the bank on both sides of the stream. It is located within the Flat River watershed and there are no one hundred year flood areas. There is a stream located on the property. The surrounding area consists of large farms, single family dwellings and a church. Planning Staff feel this item is unique in that it is a large lot with no access and relief through the variation process seems appropriate; otherwise, the owner would have no use of his property. The Planning Board reviewed this item at their May 14, 2009 meeting and voted unanimously to forward this item with a favorable recommendation in that it was in keeping with Section 71-1 of the Subdivision Ordinance, as it is a unique situation and this is the only means of access for the parcel.

A **motion** was made by Commissioner Clayton, **seconded** by Commissioner Puryear, and **carried** to approve the request for a variation to the Subdivision Ordinance for a flag lot off of Surl Mt. Tirzah Road as presented for David Chance.

**REQUEST APPROVAL OF APPLICATION FOR COOPERATIVE  
AGREEMENT TO RECEIVE FUNDING FOR WATER LINE EXTENSION TO  
GMH SUPERFUND SITE AND APPOINTMENT OF COUNTY MANAGER AS  
PERSON COUNTY'S AUTHORIZED REPRESENTATIVE TO SIGN  
DOCUMENTS:**

Assistant County Manager, Paul Bailey requested the Board to approve submitting the application for a cooperative agreement with Environmental Protection Agency (EPA) as well as authorizing the County Manager, Heidi York to sign documents. Mr. Bailey noted this application submittal would be the next step in providing a water line extension to the area of the GMH Superfund Site along NC 49 north of Roxboro. Mr. Bailey stated the engineering has been completed and in the

process of obtaining permits from the State as well as the right-of-way from the Department of Transportation. The estimated cost of the project is \$2,000,000 that is 100% EPA funded.

Commissioner Kennington inquired about the engineering firm and costs as well as bidding requirements for this project by which Mr. Bailey replied the firm is Coulter, Jewell and Thames from Durham of which \$100,000 was appropriated but only \$60,000 or so has been spent. Mr. Bailey stated the bid requirement was waived for the engineering for this project due to an approved exception to proceed quickly to meet a timeline as well as noting this firm has done over 95% of the City of Roxboro water line extensions.

A **motion** was made by Commissioner Clayton, **seconded** by Commissioner Jeffers, and **carried** to approve submitting the application for a cooperative agreement with Environmental Protection Agency as well as authorizing the County Manager, Heidi York to sign documents.

#### **CONSIDERATION TO ADOPT RESOLUTION ACCEPTING AND ENDORSING THE SOLID WASTE MANAGEMENT PLAN OF 2009:**

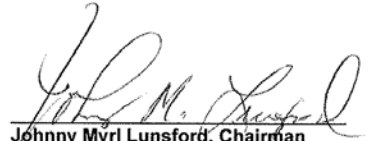
Assistant County Manager, Paul Bailey requested the Board to adopt a Resolution Accepting and Endorsing the Solid Waste Management Plan of 2009 for Person County. To be in accordance with NC General Statute 130A-309A(b), Person County and the City of Roxboro must prepare an update the comprehensive solid waste management plan for the Person County planning area. The original plan was prepared in 1997, and was updated in 2000, 2003, and 2006. The plan includes waste reduction and other goals, establishment of different solid waste management programs, cost and financing estimates. A Public Hearing was held on May 4, 2009 and public comment was received. Mr. Bailey stated the waste reduction goals were raised from the previous three year update taking into consideration the Material Recovery Facility (MRF).

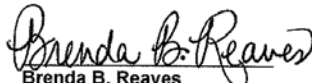
A **motion** was made by Commissioner Kennington, **seconded** by Commissioner Puryear, to increase the waste reduction goals as recommended by citizen input at the public hearing (5% to 8% by June 30, 2012 and 8% to 12% by June 30, 2019). After Board discussion about attainable goals, **the motion died to a 1/4 vote**. Commissioner Kennington voted in favor and Commissioners Lunsford, Clayton, Jeffers and Puryear voted against.

The Resolution Accepting and Endorsing the Solid Waste Management Plan of 2009 for Person County was then **adopted by vote of 4/1** with Commissioners Lunsford, Clayton, Jeffers and Puryear voting in favor. Commissioner Kennington cast the dissenting vote.

**RESOLUTION ACCEPTING AND ENDORSING THE SOLID WASTE MANAGEMENT  
PLAN OF 2009 FOR PERSON 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,** Person County recognizes its role in the encouragement of recycling markets by purchasing recycled products;
- 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 in local government for the management of solid waste;
- WHEREAS,** N.C. 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 Person County Assistant Manager and The City of Roxboro Public Services Department 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 GOVERNING BOARD OF PERSON COUNTY:**  
That Person County's 2009 Ten Year Comprehensive Solid Waste Management Plan is accepted and endorsed and placed on file with Clerk to the Board on this 1<sup>st</sup> day of June, 2009.

  
Johnny Myrl Lunsford, Chairman  
Person County Board of Commissioners

  
Brenda B. Reaves  
Clerk to the Board

**June 1, 2009**

**SOLID WASTE MANAGEMENT PLAN**  
**PERSON COUNTY PLANNING AREA**  
 (Three-Year Update)

**JULY 1, 2009- June 30, 2019**

*prepared for and by:*

**PERSON COUNTY & CITY OF ROXBORO**

Paul L. Bailey, P.E., P.L.S., Assistant County Manager  
 325 S. Morgan St., Suite E, Roxboro, N.C. 27573  
 (336) 597-1749 Fax: (336) 597-1799  
 pbailey@personcountync.nc.gov

**TABLE OF CONTENTS**

Executive Summary	Page No.
Introduction	5
Part I. GEOGRAPHIC AND SOLID WASTE STREAM EVALUATION	6
A. Geographic Area	7
B. Waste Stream Evaluation	
Part II. LOCAL WASTE REDUCTION GOALS	11
Part III. ATTAINMENT OF WASTE REDUCTION GOALS	13
Part IV. THE PLANNING PROCESS AND PUBLIC PARTICIPATION	14
Part V. SOLID WASTE MANAGEMENT METHODS: ASSESSMENT OF PROGRAMS AND DESCRIPTION OF INTENDED ACTIONS	15
A. Source Reduction	
B. Collection of Solid Waste	
C. Recycling and Reuse	
D. Composting and Mulching	
E. Incineration with Energy Recovery	
F. Incineration without Energy Recovery	
G. Transfer of Solid Waste Outside Geographic Area	
H. Disposal of Solid Waste	
I. Community and School Education	
J. Special Waste Management	
K. Illegal Disposal and Management of Litter	
L. Purchase of Recycled Materials and Products	
M. Disaster Response	
N. Discarded Computer Equipment	
O. Abandoned Manufactured Homes	
Part VI. SOLID WASTE COSTS AND FINANCING METHODS	22
A. Description and Assessment of Costs	
B. Assessment of Financing Methods	
Part VII. FACILITIES AND RESOURCES AVAILABLE THROUGH PRIVATE ENTERPRISE	25

June, 2009

Person County, North Carolina  
 Solid Waste Management Plan

## APPENDIX

- A. Resolutions from Person County and City of Roxboro to adopt plan.
  - B. Copy of notice for public meeting.
  - C. Map of facilities and disposal sites used in the Plan.
  - D. Waste characterization chart.
  - E. Waste Reduction Goal Sheet.
  - F. Planning Element Sheets.
  - G. Miscellaneous supporting data.
1. Person County Emergency Preparedness Plan.

## LIST OF TABLES

### PAGE NO.

- Table 1. Estimated Population, July 2007 7
- Table 2. Estimated Waste Disposed by Sector, FY 2007-2008 8
- Table 3. Estimate of Residential Waste Composition 9
- Table 4. Non-residential Waste Generators and Estimated Tons, FY 2007-2008 10
- Table 5. Three and Ten-Year Waste and Population Projections 11
- Table 6. Targeted Waste Reduction, FYs 2011-2012 and 2018-2019 12
- Table 7. Residential Recycling in Tons, FY 2007-2008 17
- Table 8. County-operated Solid Waste Program Costs, FY 2007-2008 22
- Table 9. City of Roxboro Solid Waste Program Costs, FY 2007-2008 23



## EXECUTIVE SUMMARY

This update to the Ten Year Solid Waste Management Plan for Person County provides for the management of solid waste and its reduction. The planning area includes Person County and the City of Roxboro.

Person County operates a manned drop-off recycling center that collected 439.69 tons during FY 2007-2008. Scrap tires, white goods, lead-acid batteries, and used motor oil are collected at the Republic Services of North Carolina LLC owned Upper Piedmont Regional MSW Landfill which is located in Person County. The City of Roxboro collects yard waste within the city limits and mulches this material. Beginning July 1, 2009, Person Industries, a Community Rehabilitation Program (CRP) in Roxboro, N.C., and a department within Person County Government, will develop and staff a Materials Recover Facility (MRF) in Person County. The facility will receive single stream recyclables from individuals, businesses, schools and from waste carriers. In the first phase of development (July 2009-September 2009) the MRF will accept the following recyclables: cardboard, newspaper, glass, aluminum, metal cans, plastics, office paper, mixed paper and white goods. Materials brought to the MRF will be sorted by employees of Person Industries, many of whom have disabilities. The sorted materials will be baled and sold to various recycling vendors. In the second phase (October 2009-December 2009) the MRF will accept scrap metal, fluorescent lights, oil filters, oil and automotive batteries. In the third phase (January 2010-June 2010) the MRF will accept pesticide containers, pallets and electronics. Person County will discontinue the operation of the manned drop-off recycling center on June 30, 2009.

The City of Roxboro provides residential solid waste collection once a week and commercial solid waste collection in front loaders as needed to its businesses. Residential and commercial waste is collected in the County through a subscription service with private haulers. All of the above waste is transported to and disposed of in the Upper Piedmont Regional MSW Landfill. As of March 4, 2009, the remaining disposal capacity at Upper Piedmont Regional MSW Landfill is 4,581,304 cubic yards or 12.6 years. No change in these collections and disposal activities are planned. During 2003, the old Person County Landfill was opened to receive and process debris from winter ice storms. Over 6,800 tons of vegetative material was processed. The old Person County Landfill would reopen to receive storm debris if severe storms occur.

Waste reduction goals of 5% for FY 2011-2012 and 8% for FY 2018-2019 are recommended.

June, 2009  
Person County, North Carolina  
Solid Waste Management Plan

5

## INTRODUCTION

This plan was prepared in accordance with N.C. General Statute 130A-309.09A (b) for the purpose of meeting local solid waste needs and protecting public health and the environment.

Through implementation of this comprehensive solid waste management plan and subsequent plan updates that will follow every three years, the Person County planning area provides for the management of solid waste and its reduction for the next 10 years. The planning area includes Person County and the City of Roxboro.

Person County's long-range plan is to offer a comprehensive waste management program. This program provides disposal capacity, waste collection services, and waste reduction programs to all persons within the planning area at equitable costs. The solid waste management plan includes the elimination of improper disposal of waste and continued waste reduction opportunities that are convenient for residents. This plan is translated into five (5) long-range planning goals listed below. Person County is on the way to meeting these goals through a long-term contract for waste management with Republic Services of North Carolina, LLC which owns Upper Piedmont Regional MSW Landfill.

### Planning Area Goals

- Goal 1.** To provide everyone in the planning area with waste disposal capacity, waste collection services, and waste reduction opportunities.
- Goal 2.** To continue the efficiency and cost-effectiveness of the existing solid waste program. This program includes the Upper Piedmont Regional MSW Landfill.
- Goal 3.** To meet the established County waste reduction goals.
- Goal 4.** To decrease improper waste disposal.
- Goal 5.** To protect the public health and the environment.

June, 2009  
Person County, North Carolina  
Solid Waste Management Plan

6

## Part I. GEOGRAPHIC AND SOLID WASTE STREAM EVALUATION

### A. Geographic Area

This solid waste management plan covers unincorporated Person County and the City of Roxboro. The population of the County and the City of Roxboro is listed in Table 1 below:

Table 1. Estimated Population, July 2007

Municipalities & County		Population
City of Roxboro		8,676
Unincorporated County		29,764
<b>TOTAL</b>		<b>37,640</b>

Source: U.S. Census Bureau

The City of Roxboro provides solid waste management services to its residents. This service is provided by the City of Roxboro personnel for the collection of garbage, yard waste, and white goods. The garbage and white goods are disposed of at Upper Piedmont Regional Landfill. The yard waste is transported to the City yard waste disposal site, where it is ground into mulch and used on City projects. Garbage and yard waste are collected once a week at curb side. White goods are collected from the curb after notification by the resident.

Prior to June 30, 1997, all County residents and businesses transported waste to the Person County Transfer Station. Waste that entered the Transfer Station was classified as MSW waste or C&D waste. The MSW waste was then transported to Piedmont Sanitary Landfill (Permit No. 34-06). Material classified as C&D waste was landfilled in the Person County C&D Landfill (Permit No.73-01). On June 30, 1997 the Upper Piedmont Regional Landfill (Permit No. 73-04) began accepting all waste, and at that time all residents and businesses of Person County began utilizing that facility. With the Upper Piedmont facility open, the Transfer Station and Person County C&D Landfill closed.

### B. Waste Stream Evaluation

In this plan, "residential waste" refers to municipal solid waste (MSW) generated by households (individual and multi-family dwellings). The term "non-residential" waste refers to MSW type waste generated from commercial, industrial, and institutional activities. The term construction/demolition waste is used to represent solid waste from construction and demolition activities.

Person County and the City of Roxboro disposed of 38,464 tons of waste in FY 2007-2008. An estimate of the waste disposed by type is shown in Table 2. This information was provided by the City of Roxboro and the Person County Administration.

Table 2. Estimated Waste Disposed by Sector, FY 2007-2008

Type of Waste	Tons	Percent of Waste Stream
Residential	13,462	35%
Non-residential	19,232	50%
Construction and Demolition	5,770	15%
<b>TOTAL</b>	<b>38,464</b>	<b>100%</b>

The information indicates that 35% of the waste disposed is residential waste, 50% is nonresidential (commercial, industrial, and institutional) waste and, 15% is construction and demolition waste.

Land clearing and inert debris (LCID) disposal is not shown in the table. LCID is not reported in either the County or City of Roxboro FY 2007-2008 Solid Waste Annual Reports. There are four properties that have been recorded as small (under 2 acres) LCID Landfills. These facilities handle only contractor waste and as such, are not open to the public. Currently, there is no LCID waste disposed of outside the County.

Table 4. Non-residential Waste Generators and Estimated Tons, FY 2007-2008

Sources	Tonnage	Major Materials
Loxreen	1,474	Sludge
Exxon	142	Grinding Sludge
Baker Roofing	503	Roofing Material
Universal Leaf	445	Tobacco
GKN, Inc.	392	Grinding Sludge

*Note: Progress Energy operates a private industrial landfill in Person County. The waste stream consists of fly ash, construction waste, and asbestos that the two (2) Progress Energy plants in Person County generate. The private industrial landfill does not accept waste from Person County. Therefore, this waste is not included in or discussed in the Person County Plan.*

The County has not performed an evaluation of waste make-up of its own residential waste. Therefore, Table 3 is taken from update of the North Carolina Solid Waste Management Plan (2003-2013). This State Plan shows that the most prevalent materials in the residential waste stream are paper and food waste. Using the 13,462 tons of residential waste that unincorporated Person County and the City of Roxboro estimated were disposed in FY 2007-2008, the amounts of different materials in the local waste stream can be interpolated from the statewide average percentages. These are shown in Table 3.

Table 3. Estimate of Residential Waste Composition

Material	State Estimate (Percent)	Estimated 2004-2005 County Tons Disposed
Paper	27%	2,562
Cardboard	4%	558
Plastics	2%	289
Food Waste	15%	2,019
Textiles	4%	538
Glass	4%	538
Ferrous Metal	2%	269
Non-ferrous Metal	1%	135

An examination of the major types of commercial and industrial businesses and institutions that dispose of waste in the area can help to estimate the composition of non-residential waste. Table 4 lists some of the major businesses and institutions with corresponding waste tonnage estimates, and the primary waste materials disposed of. The most common materials disposed of are tobacco, industrial sludges, and roofing material.

## Part II: LOCAL WASTE REDUCTION GOALS

Waste reduction goals of 5% by June 30, 2012, and 8% by June 30, 2019 are recommended. The County will attempt through education of the public to see that these goals are exceeded. These goals are considered aggressive due to the small percentage of residential waste, the anomalous base year, and the results of past recycling efforts.

The waste reduction goals can be converted from percents to tons diverted by examining population estimates and past waste disposal figures. The baseline year (FY 1991-1992) waste rate was 0.80 tons per capita per year (figure provided by the N.C. Solid Waste Section). At this per capita disposal rate, Person County would dispose 30,970 tons in FY 2011-2012 and 32,558 tons in FY 2018-2019 (see Table 5).

Table 5. Three and Ten-Year Waste and Population Projections

Year	Population	Waste	Per Capita Disposal Rate (Tons/Year)
Baseline Year 1991-92	30,280	24,224	0.80
Year	Projected Population	Projected Waste Disposal	Per Capita Disposal Rate (Tons/Year)
FY 2011-2012	38,713	30,970	0.80
FY 2018-2019	40,697	32,558	0.80

To meet the local goal of 5% per capita waste reduction in FY 2011-2012 and 8% in FY 2018-2019, Person County must reduce its annual per capita disposal rate to 0.760 and 0.736 tons per capita respectively (see Table 6). Using the new per capita rates, the target annual tonnage remaining for disposal by Person County would be 29,422 tons in FY 2011-2012 and 29,953 tons in FY 2018-2019.

June, 2009 11 Person County, North Carolina Solid Waste Management Plan

In other words, 1,548 tons/year of future annual waste disposed must be diverted from landfills by FY 2011-2012 and 2,605 tons/year by FY 2018-2019.

Table 6. Targeted Waste Reduction, FYs 2011-2012 and 2018-2019

Calculations	FY 2011-2012	FY 2018-2019
1. Baseline year annual tonnage per capita disposal rate (County figure provided by Solid Waste Section)	0.80	0.80
2. Percent Waste Reduction Goal	5%	8%
3. Targeted annual tonnage per capita disposal rate (Subtract the percent goal from 1.0, then multiply result by line 1)	0.760	0.736
4. Population for July 2011 and July 2018	38,713	40,697
5. Projected annual tonnage for disposal at baseline disposal rate (multiplied line 1 by line 4)	30,970	32,558
6. Targeted annual tonnage for disposal at targeted goal rate (multiplied line 3 by line 4)	29,422	29,953
7. Targeted annual tonnage to reduce (line 5 subtracted from line 6)	1,548	2,605

June, 2009 12 Person County, North Carolina Solid Waste Management Plan

Part III. ATTAINMENT OF WASTE REDUCTION GOALS

Person County has made a good faith effort to achieve its waste reduction goal, however the per capita disposal rate has increased from .80 tons/year during the baseline year of 1991-1992 to 1.02 tons/year for 2007-2008. (The state disposal rate for FY 2007-2008 was 1.24 tons/year.) Person County will greatly increase its recycling efforts by opening a material recovery facility on July 1, 2009. The facility will receive single stream recyclables from individuals, businesses, schools and from waste carriers. In the first phase of development (July 2009-September 2009) the MRF will accept the following recyclables: cardboard, newsprint, glass, aluminum, metal cans, plastics, office paper, mixed paper and white goods. Materials brought to the MRF will be sorted by employees of Person Industries, many of whom have disabilities. The sorted materials will be baled and sold to various recycling vendors. In the second phase, (October 2009-December 2009) the MRF will accept scrap metal, fluorescent lights, oil filters, oil and automotive batteries. In the third phase, (January 2010-June 2010) the MRF will accept pesticide containers, pallets and electronics. Republic Services of North Carolina is assisting Person County by operating scrap tire, white goods, used oil, and lead-acid battery collection sites at their Upper Piedmont Regional MSW Landfill.

Part IV. THE PLANNING PROCESS AND PUBLIC PARTICIPATION

A draft of the plan was placed in the Person County Manager's office, Roxboro City Hall, and the Person County Public Library. A public hearing will be held on May 4, 2009 in the Person County Office Building and public comment will be heard. The City of Roxboro will hold a Public Hearing on \_\_\_\_\_ in the Council Chamber of City Hall. The hearings will be announced in *The Courier Times* (see Appendix B). The elected boards of each participating local government will be asked to approve resolutions accepting and endorsing the Solid Waste Management Plan of 2009 for Person County (See Appendix A).

**Part V. SOLID WASTE MANAGEMENT METHODS:  
ASSESSMENT OF PROGRAMS AND DESCRIPTION  
OF INTENDED ACTIONS**

Each solid waste management method required by North Carolina G.S. 130A-309.09A (b) is described below. Each section includes an assessment of the current program and a summary of the intended actions.

**A. Source Reduction**

**Current Program** There is no program in existence.

**Intended Actions:** There is no program planned other than continued efforts to educate the public on source reduction.

**B. Collection of Solid Waste**

**Current Program:** The City of Roxboro collects and hauls waste to the Upper Piedmont Regional MSW Landfill. The County directs all waste from unincorporated areas to the Upper Piedmont Regional MSW Landfill. The City provides residential solid waste collection once a week and commercial solid waste collection in front loaders as needed to its businesses. The City also provides a mulch site where yard waste is mulched. The firms of Clayton and Hurdle and T&A Garbage Service collect some of the residential waste in the County through a subscription service and transports it to the Upper Piedmont Regional MSW Landfill. First Piedmont collects commercial waste in the County through a subscription service and transports it to the Upper Piedmont Regional MSW Landfill. No ordinance regarding collection or franchising arrangements exists in the County or in the City of Roxboro at this time.

June, 2009 15 Person County, North Carolina  
Solid Waste Management Plan

**Intended Actions:**

The County has advised all residents of the County that they should contract with a private service or haul their waste to the Upper Piedmont Regional Landfill directly. The City of Roxboro will continue its current collection service, then transport the waste to the Upper Piedmont Regional MSW Landfill. The private haulers will transport their waste to Upper Piedmont Regional Landfill.

**C. Recycle and Reuse**

**Recycling**

**Current Program:** Person County has been working since 1993 to maintain a stable recycling program. Currently, the County is operating a manned drop off recycling center.

**Intended Actions:**

Person Industries, a Community Rehabilitation Program (CRP) in Roxboro, NC, and a department within Person County Governments, will develop and staff a Materials Recovery Facility (MRF) in Person County. The facility will receive single stream recyclables from individuals, businesses, schools and from waste carriers. In the first phase of development (July 2009-September 2009) the MRF will accept the following recyclables: cardboard, newsprint, glass, aluminum, metal cans, plastics, office paper, mixed paper and white goods. Materials brought to the MRF will be sorted by employees of Person Industries, many of whom have disabilities. The sorted materials will be baled and sold to various recycling vendors. In the second phase (October 2009-December 2009) the MRF will accept scrap metal, fluorescent lights, oil filters, oil and automotive batteries. In the third phase (January 2010-June 2010) the MRF will accept pesticide containers, pallets and electronics. Person County will discontinue the operation of the manned drop-off recycling center on June 30, 2009.

June, 2009 16 Person County, North Carolina  
Solid Waste Management Plan

Table 7. Residential Recycling in Tons, FY 2007-2008

Material	County Tons	City of Roxboro Tons
Glass	71.29	0
Mixed Plastic	34.20	0
Aluminum cans	21.03	0
Steel cans	42.06	0
White goods and other metals	49.82	0
Newspaper	114.67	0
Corrugated cardboard	46.44	0
Mixed paper	110.00	0
Other wood	0.00	650.00
TOTAL	489.51	650.00

Source: tons recycled derived from County and Municipal Solid Waste Management reports

It is unclear how much recycling is accomplished by industries, businesses, and institutions.

#### Reuse

**Current Program:** Both the Cooperative Extension Service and the schools educate the public on the reuse of products.

**Intended Actions:** Existing actions will continue.

#### D. Composting and Mulching

##### Mulching / Composting

**Current Program:** The City of Roxboro currently mulches 100% of the material it collects at its mulching site at the wastewater treatment plant.

The mulch is stockpiled on site for use by the City and contractors.

**Intended Actions:** The City of Roxboro will continue to mulch 100% of the yard waste and will use it on various city sites and distribute to the public.

June, 2009 17 Person County, North Carolina  
Solid Waste Management Plan

#### E. Incineration with Energy Recovery

**Current Program:** Incineration with energy recovery is not part of the County's current program.

**Intended Actions:** The County does not plan to use incineration with energy recovery to accomplish its goals.

#### F. Incineration without Energy Recovery

**Current Program:** Incineration without energy recovery is not part of the County's current program.

**Intended Actions:** The County does not plan to use incineration without energy recovery to accomplish its goals.

#### G. Transfer of Solid Waste Outside Geographic Area

**Current Program:** The City's and County's waste has been disposed in the Upper Piedmont Regional Landfill since July 1, 1997.

**Intended Actions:** No waste transfer is planned in the future as waste will be disposed of at Upper Piedmont Regional Landfill in Person County, North Carolina. Existing contracts expire June 30, 2017.

June, 2009 18 Person County, North Carolina  
Solid Waste Management Plan

H.	<b>Disposal of Solid Waste</b>		
	<b>Current Program:</b>	MSW and C&D waste is disposed of at Upper Piedmont Regional MSW Landfill. Scrap tires are disposed of at Central Carolina Tire Monofill.	
	<b>Intended Actions:</b>	MSW and C&D waste will be disposed of at the Upper Piedmont Regional Landfill. As of March, 2009, the remaining capacity is 12.6 years. Scrap tires will be collected at Upper Piedmont Regional Landfill and will continue to be disposed of at Central Carolina Tire Monofill.	
I.	<b>Community and School Education</b>		
	<b>Community Education</b>		
	<b>Current Program:</b>	The Cooperative Extension Service helps educate the residents of Person County, North Carolina.	
	<b>Intended Actions:</b>	Continue same program.	
	<b>School Education</b>		
	<b>Current Program:</b>	Informational programs are given upon request to all grade levels of the public schools.	
	<b>Intended Actions:</b>	Continue same program.	
J.	<b>Social Waste Management</b>		
	<b>White Goods</b>		
	<b>Current Program:</b>	White goods are collected at Upper Piedmont Regional Landfill. City of Roxboro picks up at curbside upon call for service.	
	<b>Intended Actions:</b>	Continue the existing programs and begin collection at the new MRF.	



***Litter Management and Promiscuous Dumping***

**Current Program:** Person County has no litter or promiscuous dumping prevention program at this time. However, all state litter laws are enforced in the County. Complaints are referred to the Sheriff's Department (336-597-4500).

**Intended Actions:** Continue the existing program.

**L. *Purchase of Recycled Materials and Products***

**Current Program:** The County and City have no programs in place, but are willing to buy recycled material if it proves economically viable.

**Intended Actions:** Continue the existing programs.

**M.**

***Disaster Response***

**Current Program:** Old Person County Landfill has been identified as site to store and process disaster debris. (Over 6,800 tons were processed during 2003 due to ice storms)

**Intended Actions:** Continue the existing program.

**N.**

***Discarded Computer Equipment***

**Current Program:** None

**Intended Actions:** By July 1, 2010, Person County intends to begin collecting discarded computer equipment at its MRF.

**O.**

***Abandoned Manufactured Homes***

**Current Program:** None

**Intended Actions:** The County has not developed a plan for the management of abandoned manufactured homes, but intends to investigate options during 2009.

June, 2009

21

Person County, North Carolina  
Solid Waste Management Plan

**Part VI. SOLID WASTE COSTS AND FINANCING METHODS**

**A. *Description and Assessment of Costs:***

***County Description:***

Residents of Person County may contract with Clayton and Hurdle or TSA Garbage Service for collection and transportation of waste to the Upper Piedmont Regional MSW Landfill. First Piedmont collects commercial waste and hauls this waste to Upper Piedmont Regional MSW Landfill. The residents of the County are responsible for contracting their own waste collection service or providing their own service. The destination of waste is the Upper Piedmont Regional Landfill in Person County, North Carolina.

Table 8. County-operated Solid Waste Program Costs, FY 2007-2008

	Collection	Disposal	Reduction, Reuse, Recycling, Mulching and Composting	Total
Program Cost	\$0.00	\$0.00	\$41,870.00	\$41,870.00
Cost Per Ton/Yr	0.00	\$0.00	\$ 85.53	\$ 85.53

Source: Person County Solid Waste Department and Financial Department Records

***County Assessment:***

Person County has a successful waste collection, recycling, and disposal system in place with the private firms Clayton and Hurdle, First Piedmont, TSA Garbage Service, Waste Industries, and Upper Piedmont Environmental, Inc., and it is anticipated that this will continue. It is anticipated that all waste volumes will be accepted at the Upper Piedmont Regional Landfill. Costs of disposal are paid from the tipping fees, host fees, and white goods/scrub tire tax reimbursements.

June, 2009

22

Person County, North Carolina  
Solid Waste Management Plan

**City of Roxboro Description:**

The City of Roxboro provides solid waste services to its citizens for the collection of garbage, yard waste, and white goods. The garbage and white goods are disposed of at Upper Piedmont Regional Landfill. The yard waste is transported to the City yard waste disposal site, where it is ground into mulch and used on City projects. Garbage and yard waste are collected once a week at curb side. White goods are collected from the curb after notification by the resident.

Table 9. City of Roxboro Solid Waste Program Costs, FY 2007-2008

	Collection & Disposal	Reduction, Reuse, Recycling, Mulching and Composting	Total
Program Cost	\$ 859,685.00	\$ 126,134.00	\$ 985,822.00
Cost Per Ton	\$ 142.85	\$ 194.05	\$ 147.84

**City of Roxboro Assessment:** The waste management system in the City of Roxboro is paid from the general fund and this is intended to continue.

**B. Assessment of Financing Methods:**

**Tipping Fee:** Upper Piedmont Regional MSW Landfill will assess a tipping fee for all disposal in the County.

**General Fund:** The City of Roxboro pays the cost of waste management from the City's general funds.

**Household Fee:** Households who subscribe to have collection service provided by Clayton and Hurdle or T&A Garbage Service pay these companies

for their service. The County receives no revenue from this service.

**Volume or Weight-based Fees:**

Volume-based fees are charged in the City to waste generators who rent different size containers for commercial waste collection. Weight-based fees will be charged to any resident or commercial user who hauls their own waste to and disposes of it in Upper Piedmont Regional Landfill.

**Sale of Recyclables:**

Person County has a long-term contract with Upper Piedmont Environmental, Inc. for both limited waste recycling and disposal of waste. Any sales of recyclable products collected by Upper Piedmont Environmental, Inc. are the responsibility of Republic Services of North Carolina, LLC which receives all proceeds thereof. Person County markets all recyclable products that it collects and the proceeds are used to offset expenses.

**Grants:**

Person County receives grant funds from the tie and white goods taxes.

**Franchise Fees:**

The County has no current franchise agreements.

**Host Fees:**

Person County receives host fees from Republic Services of North Carolina, LLC, based on gross tonnage of materials disposed of at the Upper Piedmont Regional MSW Landfill.

**Part VII. FACILITIES AND RESOURCES AVAILABLE THROUGH PRIVATE ENTERPRISE**

The Person County planning area considered the use of privately operated facilities and resources in developing this plan. All municipal solid waste disposal will be provided through private enterprise through a long-term contract with Republic Services of North Carolina, LLC. In addition, all waste collection for County residents will be handled by residents or firms who either contract for collection service or haul directly to Upper Piedmont Regional Landfill. The City of Roxboro will provide service to its residents with the current collection program.

June, 2009

25

Person County, North Carolina  
Solid Waste Management Plan

June, 2009

26

Person County, North Carolina  
Solid Waste Management Plan

# APPENDIX

## A. Resolutions

Person County  
City of Raeboro

Person County Resolution

City of Roxboro Resolution

June, 2008 29 Person County, North Carolina  
Solid Waste Management Plan

June, 2009 30 Person County, North Carolina  
Solid Waste Management Plan

B. Public Hearing Notice

The Person County Board of County Commissioners will hold a public hearing on Monday, May 4, 2009, at 7:00 p.m. in Room 215 of the Person County Office Building at 304 South Morgan Street, Roxboro, North Carolina to receive citizens' comments on the update of the Ten Year Solid Waste Management Plan for Person County that was originally approved in 1997. The plan includes waste reduction and other goals, establishment of different solid waste management programs, and cost and financing estimates.

A draft of the plan update can be reviewed in the Person County Manager's Office, Roxboro City Hall, and the Person County Library.

Paul L. Bailey  
Assistant County Manager

April 22, 2009

A12 The Courier-Times, Roxboro, N.C. Wednesday, April 22, 2009

**PUBLIC HEARING NOTICE**

The Person County Board of County Commissioners will hold a public hearing on Monday, May 4, 2009 at 7:00 p.m. in Room 215 of the Person County Office Building at 304 South Morgan Street, Roxboro, North Carolina to receive citizens' comments on the update of the Ten Year Solid Waste Management Plan for Person County that was originally approved in 1997. The plan includes waste reduction and other goals, establishment of different solid waste management programs, and cost and financing estimates.

A draft of the plan update can be reviewed in the Person County Manager's Office, Roxboro City Hall, and the Person County Public Library.

Paul L. Bailey,  
Assistant County Manager

June, 2009

31

Person County, North Carolina  
Solid Waste Management Plan

June, 2009

32

Person County, North Carolina  
Solid Waste Management Plan

April 29, 2009

The Courier-Times, Roxboro, N.C., Wednesday, April 29, 2009 B7

**PUBLIC HEARING NOTICE**

The Person County Board of County Commissioners will hold a public hearing on Monday, May 4, 2009 at 7:00 p.m. in Room 215 of the Person County Office Building at 304 South Morgan Street, Roxboro, North Carolina to receive citizen comments on the update of the Person County Solid Waste Management Plan for Person County that was originally approved in 1997. The plan includes waste reduction and other goals, establishment of different solid waste management programs and cost financing estimates. A draft of the plan update can be reviewed in the Person County Manager's Office, Roxboro City Hall, and the Person County Public Library. This draft can also be viewed on the Person County website ([www.personcounty.net](http://www.personcounty.net)) by clicking on Downloads, then click on "Draft of 3-Year Update of Solid Waste Plan".

Paul L. Bailey,  
Assistant County Manager

June, 2009

33

Person County, North Carolina  
Solid Waste Management Plan

May 2, 2009

The Courier-Times, Roxboro, N.C., Saturday, May 2, 2009 B11

**PUBLIC HEARING NOTICE**

The Person County Board of County Commissioners will hold a public hearing on Monday, May 4, 2009 at 7:00 p.m. in Room 215 of the Person County Office Building at 304 South Morgan Street, Roxboro, North Carolina to receive citizen comments on the update of the Ten Year Solid Waste Management Plan for Person County that was originally approved in 1997. The plan includes waste reduction and other goals, establishment of different solid waste management programs and cost financing estimates. A draft of the plan update can be reviewed in the Person County Manager's Office, Roxboro City Hall, and the Person County Public Library. This draft can also be viewed on the Person County website ([www.personcounty.net](http://www.personcounty.net)) by clicking on Downloads, then click on "Draft of 3-Year Update of Solid Waste Plan".

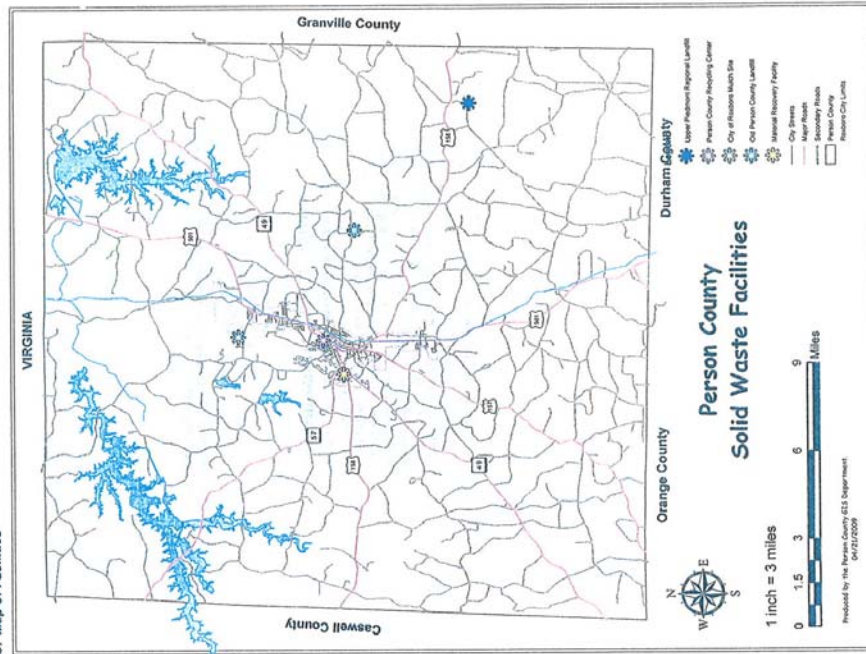
Paul L. Bailey,  
Assistant County Manager

June, 2009

34

Person County, North Carolina  
Solid Waste Management Plan

C. Map of Facilities



April 25, 2009

The Courier-Times, Roxboro, N.C., Wednesday, April 29, 2009 B3



### NOTICE OF PUBLIC HEARING

The Roxboro City Council will hold a public hearing on Tuesday, May 12, 2009 at 7:00 p.m. in the Council Chamber of City Hall located at 108 S. Lamar Street, Roxboro, North Carolina to receive citizen comments on the update of the Ten Year Solid Waste Management Plan for Roxboro/Person County. The plan was previously approved in 1997. The plan includes goals for waste reduction and recycling, establishment of different solid waste management programs, and cost and financing estimates.

A draft of the plan update can be reviewed in Roxboro City Hall, the Person County Manager's Office and the Person County Public Library.

Trevie Adams  
City Clerk

June, 2009

35

Person County, North Carolina  
Solid Waste Management Plan



D. Waste Characterization Chart

Estimate of Person County Major Residential Waste Composition

Material	State Estimate (Percent)	Estimated 2007-2008 County Tons Disposed
Paper	22%	2,852
Cardboard	4%	536
Plastics	2%	269
Food Waste	15%	2,019
Tires	4%	538
Glass	4%	538
Ferrous Metal	2%	269
Non-ferrous Metal	1%	135

E. Waste Reduction Goal Sheet

NC Local Government Ten Year  
Solid Waste Management Plan

Person County

Local government name:

Previously established FY 2011-2012 waste reduction goal:

3%

After considering your government's current and projected solid waste activities, resources and population and economic growth will the FY 2011-2012 waste reduction goal change?

Yes ☒ No ☐

If Yes, what is the revised FY 2011-2012 waste reduction goal?

5%

Establish a new FY 2018-2019 waste reduction goal:

8%

WASTE REDUCTION CALCULATIONS

To provide 10 years of solid waste management planning, as per General Statute 130A-209(a)(4), waste reduction goals are presented in the following chart to determine the amount of waste reduction needed to manage without land filling, to meet waste reduction goals for FY 2011-2012 and FY 2018-2019.

CALCULATIONS	FY 2011-2012	FY 2018-2019
1. Baseline year per capita disposal rate (FY 1991-1992 unless alternate approved by Section)	0.80	0.80
2. Percent waste reduction goal	5%	8%
3. Targeted per capita disposal rate (Subtract line 2 from line 1 and multiply result by line 1)	0.760	0.736
4. Estimated population for July 2011 and July 2018.	38,713	40,697
5. Projected tonnage for disposal at baseline disposal rate (Multiply line 1 by line 4)	30,970	32,558
6. Targeted annual tonnage for disposal (Multiply line 3 by line 4)	29,428	29,953
7. Targeted annual tonnage to reduce (Subtract line 6 from line 5)	1,548	2,605

F.	Planning Elements Sheets	
	Reduction	
	Collection	
	Recycling & Reuse	
	Composting & Mulching	
	Incineration (with/without energy recovery)	
	Transfer Outside Geographic Area	
	Disposal	
	Education	
	Special Waste	
	Illegal Disposal/Litter	
	Purchasing Recycled Products	
	Disaster Response	
	Discarded Computer Equipment	
	Abandoned Manufactured Homes	















- G. Miscellaneous Supporting Data
1. Person County Emergency Preparedness Plan, revised December, 2008.  
(CD copy provided by Person County Emergency Management Department)

Commissioner Kennington recognized and congratulated Frances Blalock for her volunteer effort at South Elementary educating the children about recycling and creating creative options for recyclable materials.

**CONSIDERATION TO AMEND PROJECT ORDINANCE FOR THE  
PIEDMONT COMMUNITY COLLEGE TECHNICAL EDUCATION BUILDING  
TO INCLUDE COURTHOUSE RENOVATION A&E/DESIGN FEES:**

Finance Director, Amy Wehrenberg asked the Board for permission to amend the current Project Ordinance for the Piedmont Community College Technical Education Building to include the Courthouse Renovation. Ms. Wehrenberg noted the only costs associated with the Courthouse Renovation at this time are the safety equipment and the A&E Design Fees both of which have been previously approved by the Board. By amending the Project Ordinance, the Finance Director will set up a capital project with the intent to finance under an installment financing.

A **motion** was made by Commissioner Clayton, **seconded** by Commissioner Jeffers, and **carried 4/1** to amend Project Ordinance for the Piedmont Community College Technical Education Building to include the Courthouse Renovation costs as described above. Commissioners Lunsford, Clayton, Jeffers and Kennington voted in favor. Commissioner Puryear cast the dissenting vote.

**PERSON COUNTY RENOVATION OF COURTHOUSE AND CONSTRUCTION OF  
TECHNICAL EDUCATION BUILDING FOR PIEDMONT COMMUNITY COLLEGE (PCC)  
CAPITAL PROJECT ORDINANCE**

BE IT ORDAINED by the Board of Commissioners of Person County, North Carolina, that, pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the following capital project ordinance is hereby adopted:

Section 1 The project authorized is the renovation of the Person County Courthouse and construction of a Technical Education Building for Piedmont Community College. The project is to be financed by an installment financing under G. S. 160A-20 in addition to funds provided by the state and any other revenues that may become available.

Section 2 The officers of this unit are hereby directed to proceed with the capital project within the terms of the financing resolution and the budget contained herein.

Section 3 The following amounts are appropriated for the project:

Courthouse Renovation (immediate safety issues) .....	\$ 113,000
Courthouse Renovation (A&E/Design Fees) .....	\$ 252,000
PCC Technical Education Building .....	<u>\$ 616,117</u>
Total .....	<u>\$ 981,117</u>

Section 4 The following revenues are anticipated to be available to complete this project:

Proceeds from Financing Agreement .....	<u>\$981,117</u>
---	------------------

Section 5 This capital project ordinance replaces the capital project ordinance titled "Piedmont Community College Technical Education Building" adopted on September 2, 2008.

Section 6 The Finance Director is hereby directed to maintain within the Capital Project Fund sufficient specific detailed accounting records to satisfy the requirements of any and all applicable requirements of North Carolina General Statutes. The terms of the financing resolution also shall be met.

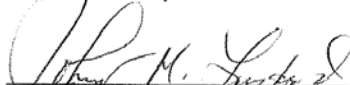
Section 7 Funds may be advanced from the General Fund for the purpose of making payments as due. Any such advances made prior to the securing of adequate financing is intended to be reimbursed from the proceeds from the financing. Reimbursement requests should be made to the financing institution in an orderly and timely manner.

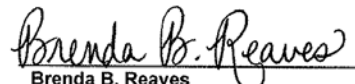
Section 8 The Finance Director is directed to report periodically on the financial status of each project element in Section 3 and on the total revenues received or claimed.

Section 9 The Budget Officer is directed to include a detailed analysis of past and future costs and revenues on this capital project periodically to the Board.

Section 10 Copies of this capital project ordinance shall be furnished to the Clerk to the Governing Board, and to the Budget Officer and the Finance Director for direction in carrying out this project.

Adopted this 1<sup>st</sup> day of June 2009

  
Johnny Myrl Lunsford, CHAIRMAN  
Person County Board of Commissioners

  
Brenda B. Reaves  
Clerk to the Board

**June 1, 2009**

**APPROVAL REQUESTED FOR PERSON COUNTY'S 5-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEARS 2010-2014:**

Finance Director, Amy Wehrenberg and County Manager, Heidi York presented the final proposed 5-year Capital Improvement Plan (CIP) for Fiscal Years 2010-2014 for adoption. Ms. Wehrenberg noted the CIP would be approved in concept only with the expectation for this document representing the county's priorities be brought before the Board after the audit for Fiscal Year 2008-2009 has been completed and the fund balance is known. The final proposed CIP includes the two requested changes the Board desired. The first change included the design fees for the Recreation and Senior Center to occur in FY 2011 and the second shows the borrowing for this project to take place the following year in FY 2012. This plan encompasses many capital projects for the County, Piedmont Community College, and the Schools. The projects slated to be done next fiscal year include several roofing projects, exterior wall waterproofing and security cameras at Person High School, setting-aside funds for hot water repair at the Law Enforcement Center, the design fees of the Recreation and Senior Center and the re-roofing of Northern Middle School and Southern Middle School Gym. Ms. Wehrenberg noted on the Northern Middle School project that in order to do this project in Fiscal Year 2011, this would require a firm commitment by the Board since the design process would begin this fall 2009 to be bid out in the Spring of 2010. The roofing projects for the schools are generally done in the summer when the students are out of school. This would allow the schools to move forward with this project so that the roofing for Northern Middle School could be done next summer. The Finance Director recommended that the Board adopt this Capital Improvement Plan as presented with the contingency that it not be funded until mid-year in fiscal year 2010. This will enable the budgeting for capital projects with an established fund balance and prevent an over-extension of funds in a year of strained revenues and a recessive economy.

Commissioner Kennington corrected the information about the Recreation and Senior Center being a mandatory project based on the voter favorable response on the ballot confirming with the County Attorney that it is a non-binding vote unless the 7-year authority is used to issue bonds. Commissioner Kennington believes the annual operating costs for this project will be over 1million and felt this is not evident to the citizens therefore can not support this project.

Commissioner Jeffers stated he believed the citizens of Person County voted in 2008 in support of the Recreation and Senior Center did not vote to have it realized 2016 or later. Commissioners Jeffers pointed out the engineering design process would need to be completed in order to apply for grants in hope the total county costs would be reduced.

Commissioner Puryear felt the county could not afford the Recreation and Senior Center project and could not endorse allocating \$26,000 next fiscal year toward the A&E fees.

Commissioner Clayton stated no funding has been attached that the CIP and it is only a concept at this time. Ms. Wehrenberg confirmed by planning for the A&E fees allows a scope of the project be developed, allows time to attain grants but does not commit to proceed with the project if the financing is not available. Ms. Wehrenberg cautioned that a long delay may mean a repeat the engineering again thus causing a loss. Ms. Wehrenberg reiterated that CIP approval is requested for the concept as no commitment of funds are being considered until December, 2009.

A **motion** was made by Commissioner Kennington, **seconded** by Commissioner Puryear, to revert the revised Capital Improvement Plan back to the original proposed Capital Improvement Plan as recommended by the County Manager thus moving the design fees allocation from 2010 to 2012 and the building construction from 2011 to 2013. After Board discussion, **the motion died 2/3**. Commissioners Kennington and Puryear voted in favor of this motion. Commissioners Lunsford, Clayton, and Jeffers voted against.

A **motion** was made by Commissioner Jeffers, **seconded** by Commissioner Clayton, and **carried 3/2** to approve the 5-Year Capital Improvement Plan for Fiscal Years 2010-2014 as presented. Commissioners Lunsford, Clayton and Jeffers voted in favor. Commissioners Puryear and Kennington voted against.

# **Person County Capital Improvement Plan 2010-2014**



Heidi York, County Manager  
Amy Wehrenberg, Finance Director

To be approved by the Board of County Commissioners on June 1, 2009

## **Summary**

The Person County Capital Improvement Plan (CIP) for the years 2010-2014 represents the county's priorities for funding capital projects, sets forth a planning schedule, and presents a plan for financing these projects. All county departments, as well as the Person County School System and Piedmont Community College, had the opportunity to submit projects for consideration. For the current year, 2009, the CIP is approved in concept only, with the expectation that this document will be brought before Commissioners again after the completion of the FY 2008-2009 audit (mid-year 2010) and fund balance is known. At that time, Commissioners will have the option to fund capital projects as prioritized, while attempting to stay in compliance with the Capital Reserve Policy (see attached policy). This policy, previously established by the Board of Commissioners, dictates that county fund balance does not drop below eighteen percent of the total appropriations for that year. Adopting the CIP in this way allows the Commissioners to convey their priorities and plan for the county's infrastructure needs, and yet not commit any funds prematurely before actual revenue levels are established. This CIP addresses many of the capital improvements needed within the county, while remaining fiscally responsible in uncertain economic times. The 2010-2014 CIP is a work in progress, and will be revisited annually and updated to correspond with changing revenues and county needs.

**June 1, 2009**

**Person County  
Capital Improvement Plan (CIP)  
Budget Year 2009-10  
Board Approved**

<b>Sources of Revenue for Project Costs:</b>	<b>Budget Year 2009-10</b>	<b>Planning Year 2010-11</b>	<b>Planning Year 2011-12</b>	<b>Planning Year 2012-13</b>	<b>Planning Year 2013-14</b>
<b>Revenues:</b>					
Transfer from General Fund	1,471,000	1,250,000	1,120,000	901,600	721,000
Transfer from County Capital Reserve Fund	50,000	136,000	475,000	480,000	656,000
Transfer from County Capital Reserve Fund (Schools)	260,000	1,060,000	1,155,000	1,700,000	1,145,000
Grants	-	-	500,000	-	-
Debt Service Proceeds	-	3,817,000	5,500,000	-	-
<b>Total Sources:</b>	<b>1,781,000</b>	<b>6,263,000</b>	<b>8,750,000</b>	<b>3,081,600</b>	<b>2,522,000</b>
<b>Project Costs:</b>	<b>Budget Year 2009-10</b>	<b>Planning Year 2010-11</b>	<b>Planning Year 2011-12</b>	<b>Planning Year 2012-13</b>	<b>Planning Year 2013-14</b>
<b>Public Buildings:</b>					
New roof-Library	250,000	-	-	-	-
New roof-Olive Hill Gym	180,000	-	-	-	-
New roof-Airport Pump Building	-	25,000	-	-	-
Hot Water repair at LEC (will need to do re-piping)	60,000	50,000	-	-	-
Courthouse Renovations *	-	3,200,000	-	-	-
New roof-Kirby Civic Auditorium	-	225,000	225,000	-	-
New Roof-PCOB	-	200,000	200,000	-	-
New Roof-EMS	-	-	150,000	50,000	-
New roof-Huck Sansbury Gym	-	-	250,000	150,000	-
Replace carpet & tile (PCOB)	-	-	-	200,000	200,000
Remove 4000 Gallon UST (deisel fuel tank) @ EMS and Replace with above ground tank- used for the generator	-	-	-	60,000	-
Paving-driveway & parking lots-Anim Ctrl & PW maintenance	-	-	-	50,000	50,000
Demolition of house & pave lot	-	-	-	-	-
<b>EMS:</b>					
ECG Monitor Replacement Program	-	-	-	-	75,000
<b>Fire Marshal:</b>					
Mobile Air and Light Vehicle	-	-	-	-	-
<b>Recreation, Arts &amp; Parks:</b>					
Rec Center/Senior Center Engineer Fees	26,000	26,000	-	-	-
Helena gym improvements	-	-	-	26,000	27,000
Recreation and Senior Center **	-	-	6,000,000	-	-
Paving-6 Walking tracks (3 per year)	-	-	-	30,000	35,000
Office Rec Center--old DSS building	-	-	-	25,000	-
Playground improvements	-	-	-	25,000	-
Kirby--Renovate second floor	-	-	-	250,000	-
Mayo Park-camping cabins (2) and restrooms for camp area (2)	-	-	-	50,000	-
Helena park expansion	-	-	-	-	-
Olive Hill--construct outside restrooms	-	-	-	-	-
<b>Total County Projects</b>	<b>496,000</b>	<b>3,726,000</b>	<b>6,825,000</b>	<b>916,000</b>	<b>387,000</b>
<b>Piedmont Community College (PCC):</b>					
New roof-F, G, and I Buildings (\$225K/ea.)	225,000	225,000	225,000	-	-
Technical Education Building ***	-	617,000	-	-	-
New Telephone System (Voice Over IP)	-	-	30,000	35,600	-
Paving and Expansion-Parking Lot 4	-	-	-	50,000	50,000
Renovate Building F lower level, Bldg G lower level & Bldg D	-	-	-	100,000	100,000
<b>Total PCC</b>	<b>225,000</b>	<b>842,000</b>	<b>255,000</b>	<b>185,600</b>	<b>150,000</b>

June 1, 2009



**Person County  
Capital Improvement Plan (CIP)  
Budget Year 2009-10  
Board Approved**

<b>Project Costs: (in recommended order)</b>	<b>Budget Year 2009-10</b>	<b>Planning Year 2010-11</b>	<b>Planning Year 2011-12</b>	<b>Planning Year 2012-13</b>	<b>Planning Year 2013-14</b>
<b>Public Schools:</b>					
New roof-Northern Middle School	750,000	750,000	-	-	-
Exterior wall waterproofing Person High	60,000	-	-	-	-
PHS fire alarm & security system replacement	200,000	-	-	-	-
New roof-SMS Gym	50,000	50,000	-	-	-
New roof-portion of PHS	-	500,000	500,000	-	-
New roof-Early Intervention	-	50,000	75,000	-	-
New roof-North End	-	250,000	250,000	250,000	-
New roof-Southern Middle	-	-	750,000	750,000	-
Chiller replacement @ PHS	-	95,000	95,000	95,000	-
Window replacement-Earl Bradsher	-	-	-	185,000	185,000
Window replacement-North Elem	-	-	-	125,000	325,000
Window replacement-North End Elem	-	-	-	250,000	250,000
Window replacement-Woodland Elem	-	-	-	200,000	200,000
Window replacement-Oak Lane Elem	-	-	-	125,000	125,000
Window replacement-South Elem	-	-	-	-	300,000
Window replacement-Person High	-	-	-	-	300,000
Stadium restrooms & seating	-	-	-	-	250,000
Paving-PHS & South Elem	-	-	-	-	50,000
VCT floor tile replacement Earl Bradsher	-	-	-	-	-
Paving-tracks at PHS & SMS	-	-	-	-	-
Maintenance Facility	-	-	-	-	-
<b>Total Public Schools</b>	<b>1,060,000</b>	<b>1,695,000</b>	<b>1,670,000</b>	<b>1,980,000</b>	<b>1,985,000</b>
<b>Total Uses:</b>	<b>1,781,000</b>	<b>6,263,000</b>	<b>8,750,000</b>	<b>3,081,600</b>	<b>2,522,000</b>

June 1, 2009

**Person County  
Capital Improvement Plan (CIP)  
Budget Year 2009-10  
Board Approved**

Sources of Revenue for Operating Impact Costs:	Budget Year 2009-10	Planning Year 2010-11	Planning Year 2011-12	Planning Year 2012-13	Planning Year 2013-14
Property Tax	132,115	287,115	1,062,115	1,187,115	1,102,115
Grants (Rec Center)	-	-	500,000	-	-
Fees (Rec Center)	-	-	100,000	200,000	200,000
<b>Total Sources of Revenue for Operating Impact Costs</b>	<b>132,115</b>	<b>287,115</b>	<b>1,662,115</b>	<b>1,387,115</b>	<b>1,302,115</b>

Operating Impact Costs:	Budget Year 2009-10	Planning Year 2010-11	Planning Year 2011-12	Planning Year 2012-13	Planning Year 2013-14
Courthouse Project					
Operating	-	5,000	5,000	5,000	5,000
Personnel	94,768	94,768	94,768	94,768	9,768
Recreation and Senior Center Project	-	-	-	-	-
Personnel/Operating	-	-	500,000	500,000	500,000
Technical Education Building Project					
Current Expense	37,347	37,347	37,347	37,347	37,347
Debt Service Payments:					
Courthouse Project	-	125,000	250,000	250,000	250,000
Recreation and Senior Center Project	-	-	225,000	450,000	450,000
Technical Education Building Project	-	25,000	50,000	50,000	50,000
<b>Total Operating Impact Costs</b>	<b>132,115</b>	<b>287,115</b>	<b>1,162,115</b>	<b>1,387,115</b>	<b>1,302,115</b>

**Notes:**

The items highlighted in orange represent the year that these projects are to be fully funded. This CIP is adopted with the contingency that it not to be included in the budget for next year until fund balance at year-end is finalized through the audit for 2008-09. Once the audit is complete, this CIP will be re-visited before the budgeting of these projects is finalized.

The remaining items are costs that will be budgeted in the Capital Reserve Fund that year to minimize the impact of the full cost of the project in a future year. If it is decided that the funding capacity is not there to make this possible or that the fund balance appropriation would be too high, these projects would be need to be reduced or moved across the year(s).

**\* Courthouse Renovation Project**

We have 3 years to be able to finance this project and include the costs incurred in FY 2009 for architect fees & safety equipment. If it is decided to delay this project beyond that time, these A&E fees and safety equipment costs would not be eligible for reimbursement under the financing agreement. However, this should not dictate the timing on a financing if the funding capacity is not available within that 3 year window.

**\*\* Rec and Senior Center**

We have 7 years before we are required to issue obligation bonds for this project, if in fact it is the Commissioners desire to fund it this way. However, the A&E fees (\$52K) would need to be incurred in the year prior to the beginning date of project construction to determine the total scope of this project.

**\*\*\* PCC's Technical Education Center**

We will complete the payment on this project in the current year for FY 2009. This project was approved with the intent of doing a future borrowing. We have 3 years to finance this project. If it is decided not to include in a borrowing, then this amount would just close to fund balance in FY 2009 and would come off of the CIP. We are currently showing a borrowing for this project to be done in conjunction with the Courthouse project. The courthouse will more than likely serve as collateral for this project if we couple it with the Courthouse Renovation project.

**June 1, 2009**

---

**RESOLUTION**  
**ESTABLISHMENT AND MAINTENANCE OF THE**  
**COUNTY CAPITAL RESERVE FUND**

WHEREAS, the Board of County Commissioners of Person County (the "Board") recognizes the need to plan for current and future capital needs of the County of Person (the "County"); and

WHEREAS, the Institute of Government of the University of North Carolina and the Local Government Commission of the State Treasurer's Office encourage North Carolina local governments to plan for capital expenditures and to adopt a Capital Improvement Plan (CIP) to aid them in this planning; and

WHEREAS, the Board wishes begin accumulating monies to fund its capital needs; and

WHEREAS, the Board has determined that an adequate level of fund balance should be maintained in its General Fund that may be appropriated in addition to other budgetary revenues; and

WHEREAS, the Board has further determined that, in the case of the General Fund, "appropriated fund balance" for any budget year shall not exceed an amount that would diminish "fund balance available for appropriation" (defined as the "sum of cash and investments minus the sum of liabilities, encumbrances, and deferred revenues arising from cash receipts as those figures stand at the close of the next preceding the budget year) below a target of eighteen percent of the total appropriations for the budget year.

WHEREAS, the Board has decided that amounts of fund balance in excess of the target level mentioned above should be one of the primary sources of funding the County's capital needs; and

WHEREAS, the Board's goal is to fund annually from the "fund balance available for appropriation" of the General Fund the amount that exceeds 21% of the appropriations of the General Fund, as they stand at the beginning of the fiscal year.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF PERSON COUNTY THAT:

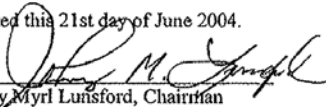
- Section 1. The Board hereby creates the County Capital Reserve Fund (CCRF) for the purpose of accumulating monies to provide for capital expenditures outlined within the annually adopted CIP and as may otherwise be determined.
- Section 2. This fund will remain operational until the Board determines another manner by which to provide for capital needs.
- Section 3. The Board will transfer from the General Fund \$200,655 for the purpose of accumulating monies to purchase vehicles and mowing equipment.
- Section 4. The Board may forgo transfers to the CCRF when, in its discretion, prevailing economic and financial conditions warrant.

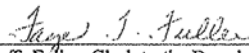
**June 1, 2009**

Section 5. This resolution shall become effective upon its adoption.

Section 6. Copies of this resolution shall be furnished to the Clerk to the Board, the Budget Officer and the Finance Director for the purpose of complying with this resolution.

Adopted this 21st day of June 2004.

  
Johnny Myrl Lunsford, Chairman  
Person County Board of Commissioners

  
Faye T. Fuller, Clerk to the Board

**BUDGET AMENDMENT:**

Finance Director, Amy Wehrenberg presented and explained the following Budget Amendment.

Upon a motion by Commissioner Clayton , and a second by Commissioner Jeffers and majority vote, the Board of Commissioners of Person County does hereby amend the Budget of the General Fund(s) on this, the 1st day of June 2009, as follows:

<u>Dept./Acct No.</u>	<u>Department Name</u>	<u>Amount</u> Incr / (Decr)
<u>EXPENDITURES</u>	<u>General Fund</u>	
	General Government	5,033
	Human Services	30,667
	<u>Person Industries Fund</u>	5,416
<u>REVENUES</u>	<u>General Fund</u>	
	Intergovernmental Revenues	28,080
	Other Revenues	120
	Fund Balance Appropriated	7,500
	<u>Person Industries-Special Revenue Fund</u>	
	Intergovernmental Revenues	5,416

Appropriate: Reduction in 4-H YES Grant from the Department of Juvenile and Justice Department (-\$2,467); Restricted Technology Funds for the Register of Deeds Office for the purchase of storage equipment, printer, and hardware maintenance (\$7,500); donations, federal monies for the Food and Shelter program, and other DSS adjustments (\$30,667); and the 2nd quarter of Solid Waste Disposal Tax received to be spent on equipment in the new MRF facility (\$5,416).

June 1, 2009

<u>Dept./Acct No.</u>	<u>Department Name</u>	<u>Amount</u> Incr / (Decr)
<u>EXPENDITURES</u>	<u>General Fund</u>	
	Contingency	(26,000)
	Public Safety	26,000
	Transfers	(200,000)
	<u>Roofing/Paving-Capital Project Fund</u>	4,334,325
	<u>Bus Garage Construction/Health Dept</u>	
	<u>Renovation/PCC Roofing Project</u>	(200,000)
<u>REVENUES</u>	<u>General Fund</u>	
	Fund Balance Appropriation	(200,000)
	<u>Roofing/Paving-Capital Project Fund</u>	
	Debt Financing Proceeds	4,050,000
	Fund Balance Appropriated	284,325
	<u>Bus Garage Construction/Health Dept</u>	
	<u>Renovation/PCC Roofing Project</u>	
	Transfer from General Fund	(200,000)

Appropriate: Reversing the closeout of the Bus Garage Project due to reporting requirements for current year activity (\$4,334,325); transferring money from undesignated contingency to the Sheriff's department for the purchase of a new vehicle (\$26,000); and restoring unused funds that were given to the Bus Garage Project back to the General Fund by reducing fund balance appropriated (-\$200,000).

Commissioner Kennington questioned the Finance Director of the leftover project funds described above. Ms. Wehrenberg responded the \$18,000 of the left over project funds is indeed restricted, that only can be allocated on capital. Ms. Wehrenberg felt the only capital around that same amount is the new vehicle for the Sheriff, as well as the only capital that could be spent in the required timeframe. Ms. Wehrenberg confirmed to the Board that these funds were not restricted for schools.

#### **CHAIRMAN'S REPORT:**

Commissioner Lunsford had no report

**June 1, 2009**

**MANAGER'S REPORT:**

County Manager, Heidi York announced the information the Board members had requested at the last budget work session was available in the mail boxes and gave the reminder of the next budget work session scheduled for Tuesday, June 2, 2009, at 6:30 p.m.

**COMMISSIONER REPORT/COMMENTS:**

Commissioner Kennington explained his questions about the bid process were due to a local vendor inquiring of the possibility to be able to bid projects for the County.

Commissioner Puryear had no comments.

Commissioner Jeffers noted the same vendor inquiring about county bids and stated he already asked the County Manager to add the vendor to the bid list.

Commissioner Clayton spoke to the value of the Association of County Commissioners alerting counties to House Appropriations bills that are in the works. The County Attorney added that the House Appropriations process is a quick turnaround often without bill numbers.

## **CLOSED SESSION:**

A **motion** was made by Commissioner Puryear, **seconded** by Commissioner Jeffers, and **carried** to go into closed session per General Statute 143A-318.11(a)(3) for the purpose of the Board to consult with the County Attorney to preserved attorney-client privilege at 8:19 p.m. Commissioner Lunsford announced a five minute break prior to closed session.

A **motion** was made by Commissioner Puryear, **seconded** by Commissioner Clayton, and **carried** to return to open session at 9:16 p.m.

Chairman Lunsford distributed the County Manager Evaluation Forms to the Board members.

## **RECESS:**

A **motion** was made by Commissioner Jeffers, **seconded** by Commissioner Clayton, and **carried** at 9:18 p.m. to recess the meeting until June 2, 2009 at 6:30 p.m. for the next budget work session.

---

Brenda B. Reaves  
Clerk to the Board

---

Johnny Myrl Lunsford  
Chairman

**June 1, 2009**