AMENDED AND RESTATED
MAJOR AMENDMENT
PRINCE EDWARD COUNTY and
CUMBERLAND COUNTY

SOLID WASTE MANAGEMENT PLAN

Originally prepared by:
Resource International, LTD.
9560 Kings Charter Drive
Ashland, VA 23005
Original Plan approved 1/5/2007
Update letter 12/16/2016
Amendment – 7/11/19

Version 1 - Update – April 2, 2020
Version 2 - Update - August 5, 2020
Version 3 - Update - September 24, 2020
By Draper Aden Associates

Table of Contents

CHAPTER 1 - INTRODUCTION 1
A. Background 1
B. Purpose 3
C. Scope 4
D. Plan Development Responsibilities 4
E. Plan Development and Adoption 5
F. Plan Maintenance 5
G. Amendment to Plan 5
H. DEQ Review Process 5
I. Intent to Amend Plan 5
CHAPTER 2 - REGION DESCRIPTION 7
A. Existing Development Trends 7
B. Future Development Trends 8
C. Transportation 9
CHAPTER 3 - GENERAL GOALS AND OBJECTIVES 10
A. Goals 10
B. Objectives 10
C. Milestones 10
CHAPTER 4 - EXISTING SOLID WASTE MANAGEMENT SYSTEM AND PROPOSED ACTIVITIES 11
A. Prince Edward County 11
B. Cumberland County 13
B.1 Existing Solid Waste Programs 13
B.2 Future Disposal in Cumberland County 14
C. Solid Waste Management Planning Unit (Region) Recycling Rate 15
D. Collection/Transfer 16
E. Central Archive 16
F. Recycling Markets 17
F.1 Prince Edward County 17
F.2 Cumberland County 17

CHAPTER 5 - WASTE GENERATION AND COMPOSITION 18
A. Waste Generation 18
B. Waste Composition 19
C. Waste Character 20
CHAPTER 6 - SOLID WASTE NEEDS ASSESSMENT 21
A. Prince Edward County 21
B. Cumberland County 21
CHAPTER 7 - PREFERRED WASTE MANAGEMENT SYSTEM 23
A. General 23
Source Reduction: 24
Reuse: 24
Recycling: 25
Resource Recovery/Incineration 25
Landfilling: 26
B. Prince Edward County 26
Reduction/Reuse 26
Recycling: 26
Disposal: 27
C. Cumberland County 27
Reduction/Reuse: 27
Recycling: 27
Disposal: 27
CHAPTER 8 - IMPLEMENTATION SCHEDULE AND MILESTONES 28

TABLES

Table 1 Chronology of Plan Amendments and Updates (2018 – 2020)
Table 2 Regional Unemployment Rates (2015 -2018)
Table 3 Median Household Income (1990 – 2018)
Table 4 Population Projections (2010 – 2040)
Table 5 Summary Waste Generation Projections (2010 – 2040)
Table 6 Waste Composition – 2017 US EPA Report
Table 7 Waste Character – SWIA Average 2014 – 2018
Table 8 Waste Generation Projections (Tons) Based upon Category (2020 – 2040)

APPENDICES

Appendix A Figures
Appendix B Relevant SWMP documentation
Appendix C Major Amendment -update - relevant documentation
Appendix C-1 Allied Waste – Republic Permit 606 Termination Letter
Appendix D VEC – Community Profiles
Appendix E Population Projections
Appendix F Recycling Information
Appendix G Prince Edward Landfill – Information
Appendix H Solid Waste Budgets
Appendix I Existing Solid Waste Facilities
Appendix J SWIA And Waste Reporting Tables
Appendix K US EPA – 2017 Report
Appendix L Waste Projections

CHAPTER 1 - INTRODUCTION

A. Background

The Virginia Department of Environmental Quality (DEQ) approved the *"Prince Edward County – Cumberland County Solid Waste Management Plan"* (the Plan) on January 5, 2007. The Plan identified the Solid Waste Planning Unit (the Region) as Prince Edward County and Cumberland County. See Figures 1 and 2 in Appendix A for location figures. A copy of the 2007 DEQ approval letter is included in Appendix B as well as SWMP 2007 - Appendix B Resolutions of Plan Approval, SWMP 2007 - Appendix C Public Hearing, and SWMP 2007 - Appendix H Documentation of Proposed New Disposal Facility Inclusion (originally included in the 2007 report).

The 2007 Plan replaced previous solid waste planning efforts with the Piedmont Planning District Commission. This Plan and a minor amendment to this Plan dated September 28, 2007 outlined the following objectives:

- Establish and maintain an on-going planning, Plan amendment, and Plan implementation process to meet the future solid waste management needs of Prince Edward and Cumberland Counties.

- Provide adequate flexibility in the Plan to provide for unforeseen needs, events, or situations; utilization of new facilities that may come on-line; and incorporation of new technologies.

- Establish an integrated waste management strategy focusing on the recycling and landfilling elements of the solid waste management hierarchy.

- Continue to strive to meet or exceed state mandated recycling rate of 15% for rural localities.

On December 16, 2016, the Region certified through the required 5-year update that the 2007 plan remained "current and appropriate" for solid waste management within the Planning Unit. The update addressed the following key elements:

- Private landfill to be located in Cumberland County will not be constructed.
- Cumberland County working with Van der Linde Recycling to handle its waste.
- Overall tonnage to Prince Edward County Landfill is less than projected in the Plan.
- Prince Edward County Landfill losing commercial tonnage to Lunenburg facility which extends the life of the facility.
- Needs assessment to address future solid waste disposal options should be initiated in 2022.

- The Region certified that there was 20 years of capacity for use by the Regional members.

A copy of this 5-year certification update is included in Appendix B. This certification was not formally acted upon by DEQ. DEQ indicated concern about the letter which was discussed in detail in a call between DEQ and Cumberland County on July 23, 2020.

On July 24, 2020, Cumberland County submitted a revised 5-year certification after discussion with DEQ on the key concerns. A copy of the email submitting this document and the documentation is included in Appendix B.

Based on the 2007 approval date of the original plan, the next 5-year certification will be required in 2022.

A major amendment to the 2007 plan was required in 2019 because of the termination of the Allied Waste permit for a private facility in Cumberland County (Permit 606), and the advent of permitting for a new private landfill facility in Cumberland County by Green Ridge Recycling and Disposal LLC (Green Ridge). Permitting is on-going for the Green Ridge facility and has been issued a permit tracking number of Permit 626.

The major amendment public hearing was addressed in 2018/2019 as outlined in the table below. Public participation relative to the major amendment, was conducted in accordance with 9VAC 20-130-130. All documentation relative to the initial update and major amendment to the plan is attached in Appendix C.

As required by the regulations, after the public participation was completed, the Plan was submitted to DEQ on July 11, 2019/July 18, 2019 and on August 29, 2019, DEQ submitted a letter requesting further clarification on the specific applicable amendments and 5-year update. The Region responded to these comments on November 25, 2019 and January 23, 2020. DEQ provided additional verbal feedback provided in February 2020. All necessary action required to adopt the Plan by the Region has been taken relative to the major amendment as indicated in the table below. The April 2020 version of the Plan was provided to address the feedback provided by DEQ in February which focused on update of older information in the Plan, clarification on future disposal options and identification of the planning period set at 2020 to 2040. The April 2, 2020 Plan was meant to supersede all previous plan submittals as it incorporates or updates all the information provided in previous plans (dating back to the July 2019 submittal). The August 2020 Plan addresses comments provided by DEQ in an email dated July 17, 2020.

Table 1 provides a chronology of various actions by the Region in regard to the amendment to the Plan.

TABLE 1
CHRONOLOGY OF PLAN AMENDMENT AND UPDATE
2018 - 2020

DATE	ACTIVITY
12/21/18	Cumberland County advertises public hearing on major amendment to SWMP
12/28/18	Cumberland County advertises public hearing on major amendment to SWMP
1/08/19	Cumberland County holds public hearing on major amendment to SWMP Takes no action; no verbal or written comments were received.
2/12/19	Cumberland County BOS approves SWMP
4/9/19	Prince Edward County Administrator – BOS agenda memo
4/9/19	Prince Edward County approves SWMP adding several minor modifications. Minutes indicate that Prince Edward did not need to hold a public hearing. Proposed amendments are considered minor.
5/14/19	Cumberland County BOS approves Prince Edward County amendments.
7/11/19	SWMP submitted to DEQ
7/18/19	Region email confirming SWMP amendments
8/29/19	DEQ letter to Cumberland County – requesting further clarification on amendments and 5-year update
11/25/19	Cumberland County letter to DEQ – submittal of attachments for clarification
1/23/20	Cumberland County letter response to DEQ on 8/29/19 letter - draft letter on amendments and draft SWMP.
2/28/20	DEQ verbal comments to Cumberland County on the draft plan submittal received by DEQ on 1/23/20 - notes taken by Unmussig
4/6/20	DAA submits modified SWMP addressing DEQ comments and updating significant older information
7/17/20	DEQ submits written comments on April 6, 2020 plan.
7/23/20	DEQ and Cumberland County have call to discuss plan comments.
7/24/20	Cumberland County submits revised 5-year certification letter

Because the major amendment was approved by Cumberland County and the amended plan approved by Prince Edward County, no additional public activities are required to address the comments by DEQ.

B. Purpose

The Solid Waste Management Plan (Plan) for Prince Edward and Cumberland Counties (the Region) has been prepared to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq.), as may be amended from time to time.

The Plan will:

- Describe the existing solid waste management infrastructure of the Region;
- Define future solid waste management needs;
- Describe the preferred waste management systems; and
- Consider a 20-year planning period.

C. Scope

The Plan includes discussions on the following elements of the solid waste management program for handling the municipal solid waste (MSW) generated within the Region:

- Generation
- Collections
- Recycling
- Disposal

The Plan considers the elements of the Solid Waste Management Hierarchy as they relate, in a practical manner, to the relevant demographic characteristics of the Region as required under 9VAC20-130-30. The hierarchy ranks methods of solid waste management from most preferred to least preferred as follows:

- Source Reduction
- Reuse
- Recycling
- Resource Recovery (Waste - to - Energy)
- Incineration
- Landfilling

The Plan does not address infectious medical wastes and other items not normally considered as MSW such as:

- Radioactive wastes
- Sewage sludges and biosolids
- Industrial wastes
- Hazardous wastes (as defined by the Virginia Hazardous Waste Management Regulations)

D. Plan Development Responsibilities

The Plan has been developed by Prince Edward County in collaboration with Cumberland County. Resource International, Ltd prepared the 2007 Plan for the Region and provided support for early amendments. The Region has updated the Plan internally (or provided the certification letters every

5-years) including the 2018/2019 major amendment to incorporate Green Ridge into the Plan. Draper Aden Associates has provided assistance with the 2020 update to address comments from DEQ.

E. Plan Development and Adoption

See Section A – Background for a discussion on specific Plan development and adoption for this update.

F. Plan Maintenance

Plans are required to be current and maintained as described by the regulations in 9VAC20-130-173.

G. Amendment to Plan

The Regulatory requirements for amending the Plan can be found under 9VAC20-130-175.

H. DEQ Review Process

In regard to amendments (9VAC20-130-175.B.3), DEQ is tasked as follows:

3. The department shall review major amendments and approve or return comments on any deficiencies no later than 90 days from the date the amendments are received. In the event the department is unable to complete its review within 90 days, the applicant will be notified and given a date as to when the review will be completed. No department approval shall be necessary for minor amendments.

Public participation for major amendments is outlined under 9VAC20-130-173.

See Section A – Background for a discussion on the review process for this update.

I. Intent to Amend Plan

The 2018/2019 major amendment to the Plan was prepared to incorporate the Green Recycling and Disposal Facility LLC, proposed for Cumberland County, into the Plan and to adjust the Plan to recognize the termination of the Allied Waste permit (Permit 606) for their sanitary landfill facility which was never constructed in Cumberland County. Appendix C-1 includes a copy of the termination letter sent to DEQ.

Information regarding existing facilities is already incorporated into this Plan. Addition of the Green Ridge facility to the Plan has been treated as a major amendment to the current Plan and as such the public participation requirements of 9VAC20-130-173 have been addressed. See Section A for a description of these activities. Documentation of this process is included in Appendix C.

The Green Ridge facility filed the Part A Permit Application (Hydrogeologic/Landfill Impact) for a Sanitary Landfill on January 22, 2020 and this permit application is undergoing review by DEQ. Next steps in permitting will include the Part B Permit Application (Design), and other ancillary permits required by other regulatory agencies. Through final permitting, the actual design of the facility may change and if required, this Plan will be updated.

This Plan has been updated to reflect a twenty-year planning period (2020 – 2040).

All data previously incorporated into the Plan have been updated to reflect this planning period. With the exception of the major amendment regarding the planned municipal waste facility in Cumberland County, any other changes in the Plan are considered minor amendments which do not require additional public participation.

CHAPTER 2 - REGION DESCRIPTION

The Region encompassed within the Plan includes the Counties of Prince Edward and Cumberland. See Figures 1 and 2 in Appendix A.

A. Existing Development Trends

The information within Section 2.A and the following Section 2.B has been primarily derived from the Virginia Employment Commission Community Profile for each locality, developed and published as part of the labor market information site and program. Other Information sources were The US Census Bureau, and The Weldon Cooper Center for Public Service. Appendix D includes the VEQ Community Profiles for each member of the Region.

The planning district within which Prince Edward and Cumberland County are a part of is described as "one of the most economically challenged regions in the State of Virginia" (PPDC 2003 Comprehensive Economic development Strategy). Both Prince Edward County and Cumberland County are largely rural with few large industries and manufacturing facilities. Approximately 60% of the Prince Edward County work force finds employment within the County. This compares with 26% for Cumberland County. Unemployment rates for the two counties from the Virginia Employment Commission (VEC) indicate a decrease in unemployment for both counties between 2015 and 2018. See Table 2 below.

TABLE 2
REGIONAL UNEMPLOYMENT RATES

JURISDICTION	2015	2016	2017	2018
Cumberland County	5.1%	4.7%	4.1%	3.3%
Prince Edward County	6.3%	5.4%	4.8%	3.8%
Virginia	4.5%	4.1%	3.7%	3.0%

Median household income has increased as illustrated in Table 3, but continues to trail significantly behind the median for Virginia.

TABLE 3
MEDIAN HOUSEHOLD INCOME
1990 - 2018

JURISDICTION	1990	2000	2010	2018
Cumberland County	$22,115	$31,816	$38,430	$46,221
Prince Edward County	$21,395	$31,301	$36,242	$46,189
Virginia	$33,328	$46,677	$60,316	$71,564

Unemployment and the scarcity of higher paying salaries continue to impact in a negative manner, a locality's or the Region's primary source of income - its tax base. This in turn, often inhibits growth in the locality or Region because investments in needed infrastructures do not happen or are slow to occur.

Environmentally-sound solid waste management within the two counties remains a significant public function that demands a continuing allocation of resources. Along with highways, railroads, water, wastewater, schools and healthcare, well run and funded waste management facilities are an attraction to industrial, commercial, and residential development.

B. Future Development Trends

It can be seen from review of Tables 2 and 3, that unemployment and income within the Region have been improving over time. Whether this trend continues depends upon a number of factors, some of which are beyond the control or influence of the Region (e.g. Federal regulations and tax codes; outsourcing; fossil fuel supplies, etc.).

Population projections (provided by Weldon Cooper Center for Public Service) that span the period of this Plan up to 2040, show a continued modest increase in the population of both Prince Edward and Cumberland Counties over the next several decades. Table 4 below provides a summary and Table E-1 in Appendix E provides the projections on an annual basis from 2020 – 2040.

TABLE 4
POPULATION PROJECTIONS

JURISDICTION	2010	2020	2030	2040
Cumberland County	10,052	9,792	10,105	10,286
Prince Edward County	23,368	23,272	24,905	26,190
Total for Planning Area	33,420	33,064	35,010	36,476

The percent increase in the Regional population for the 20-year period from 2020 to 2040 is projected to be 10.3%. Infrastructure associated with solid waste management and disposal will continue to be assessed with the growth in population to assure services are not compromised.

C. Transportation

A good transportation system is critical for an efficient solid waste management system.

Although there has been a service decline in the railroad sector of the transportation infrastructure serving the Region, the highway infrastructure with east-west Route 60 (Cumberland County), east-west Route 460 (Prince Edward County) and the north-south Route 15 corridors are key to the Region. Figure 3 in Appendix A illustrates the transportation network.

The Virginia Department of Transportation (VDOT) assesses the needs of these corridors on a routine basis through the promulgation of the *"Virginia Transportation Development Plan"* which is updated annually. This plan and the Comprehensive Plans for each member of the Region should be consulted relative to future improvements and/or expansions to the transportation system.

Currently, the existing system is adequate for meeting the needs of the solid waste program of the Region.

CHAPTER 3 - GENERAL GOALS AND OBJECTIVES

Goals are desired results that the Region wants to achieve. Typically, goals are broad and long-term. An objective defines the specific measurable action(s) to be taken by the Region to achieve their overall goals. The Region's goals and objectives are outlined below:

A. Goals

The Region's goals remain the same in the 2020 Plan as were identified in the 2007 Plan (which were originally based on the1997 Solid Waste Management Plan Update for Solid Waste District 14 prepared by the Piedmont Planning District Commission). The goals can be stated as follows:

- Solid waste management and disposal will be carried out in accordance with pertinent Federal, State, and Local plans, regulations and land use policies such that protection of the natural environment and the health and wellbeing of the public is achieved. This is to be accomplished in such a manner that the natural assets of Prince Edward and Cumberland Counties (its soil, water and air) are utilized wisely for the common good of the public.
- The Region will develop, operate, and maintain solid waste management facilities and programs in an efficient and timely fashion to meet the solid waste management needs of the Region.

B. Objectives

To meet these goals the Region will:

- Establish and maintain a current Plan which will include an on-going planning, amendment, and implementation process to assure that the future solid waste management needs of the Region are met.
- Provide flexibility in the Plan to provide for: 1) unforeseen needs, events, or situations that may arise from time to time; 2) utilization of new facilities that may come on-line; and 3) incorporation of new technologies that may be developed.
- Establish an integrated waste management strategy addressing the solid waste management hierarchy established by the regulations. Initially, the focus must address recycling and landfilling (current activities) with the intent that other aspects of the hierarchy will be addressed in the future as interest and funding are available.
- Continue to strive to meet or exceed state mandated recycling rate of 15% for rural localities.

C. Milestones

Milestones for the Region are addressed in Chapter 8.

CHAPTER 4 - EXISTING SOLID WASTE MANAGEMENT SYSTEM AND PROPOSED ACTIVITIES

Figure 2 in Appendix A illustrates the existing active solid waste management sites within or adjacent to the Region. Currently, the only active landfill within the Region is the Prince Edward County Landfill (Permit 584). Outside of the Region, within immediately adjacent counties there are two sanitary landfill facilities – a small public landfill in Nottoway County (Permit 304) and one private landfill in Amelia County (Permit 540) operated by Waste Management Inc.

A. Prince Edward County

Collection of municipal solid wastes generated within the County is left up to the individual homeowner or business. The generator may elect to contract with a private hauler to remove wastes from the premises, or may elect transporting the wastes to one of seven public convenience centers that are located throughout the County. From these facilities the County transports the wastes to the County landfill for disposal.

Recycling containers are located at each of the public convenience centers. Materials collected for recycling include, plastics, newsprint, and cardboard. Small truck and passenger car tires and white goods are collected at these public convenience centers. Recycled materials are processed locally by a private firm. Except within the Town of Farmville, it is up to the generators to take their recyclables to these facilities. The Town of Farmville provides a voluntary curbside pick-up of plastics, glass, aluminum cans, and paper. Farmville also has a mandatory corrugated cardboard recycling ordinance for business and commercial establishments. A private firm in the area picks up cardboard from some businesses within the County.

The Region has a mandatory recycling rate of 15% and is required to report recycling rates every 4 years. The last reporting period was for calendar year 2016. For calendar year 2016, the Region reported a recycling rate of 22.8% which was based on the reported 9,390 tons of principle recycled materials including credits. The reported recycling rate for CY 2012 was 18.7%. Appendix F contains pertinent recycling information.

There currently are no solid waste treatment programs within Prince Edward County as that term is defined in the *VSWMR*. There are currently no plans to implement any such programs in the future. If there are advances in solid waste management technology that would result in plans to implement given treatment processes, the Plan will be revised to reflect the change or changes.

Prince Edward County currently utilizes inmate work crews, overseen by VDOC and scheduled by VDOT, to keep primary and some secondary highways clear of litter. In addition, individuals who receive community service sentences are assigned to other secondary roads within the County to pick-up litter. These individuals usually have to pick up a certain amount of trash, (measured in filled bags) to successfully complete their sentences. In the future, Prince Edward County plans to augment these two programs with an "Assign-a-Highway" program. In this program, judges will assign a stretch or segment of a highway to individuals who are on probation or parole. The individuals would be responsible for periodically picking up litter along the assigned highway during the time the court oversees them.

The Prince Edward County Sanitary Landfill (Permit #SWP 584) is located off of State Route 648 in Prince Edward. The nearby counties of Buckingham and Cumberland also have used the facility. The landfill site encompasses approximately 99± acres with a disposal unit boundary of 21.47 acres. The landfill consists of Cells A through F. A figure illustrating the landfill is provided in Appendix G. The following information relative to the landfill was taken from the facility's permit:

- Cell A was constructed and approved for operation on 2/17/1997
- Cell B was constructed and approved for operation on 5/22/1997
- Cell C was constructed and approved for operation on 12/17/2004
- Cell D was constructed and approved for operation on 5/6/2009
- Cell E was constructed and approved for operation on 3/9/2017 (Estimated life of 4.0 years)
- Cell F is the final permitted cell. (Estimated life of 4.1 years)

A partial closure (Phase 1) was approved on 9/19/2007.

The permit indicates that the total landfill capacity (Cells A through F) is 1,805,954 cubic yards with a closure date of 2025 at a disposal rate of 100 tons per day. Based on this and an assumed density, a total life expectancy of 26.8 years (for all cells) was calculated for the landfill – hence the estimated closure date of 2025. The actual closure date will be a function of tonnage and operations and may be extended. (The permit for this facility is included in Appendix G.)

Per CY 2019 SWIA reporting, the landfill received 30,093 tons in CY 2019 and reported remaining capacity of 301,700 cubic yards and an estimated remaining life of 5.5 years. DEQ's calculation for remaining capacity in tons indicates that the reported volume would equate to 150,850 tons.

In 2018 the County began operating the landfill with its own employees after the private firm contracted to operate the landfill expressed its desire to cease operations.

Only municipal solid waste acceptable for disposal at sanitary landfills is disposed of at the facility. No medical, infectious, or hazardous wastes are accepted at this facility. Animal carcasses, such as cats, dogs, and farm animals, are accepted.

Brush and certain yard wastes are burned at the landfill to reduce the volume of solid waste placed in disposal cells. The County reuses waste materials such as cinder blocks, asphalt and brick for access roads and ramps at the landfill.

See Appendix H for the most current solid waste budget for Prince Edward County. The County's budget for solid waste includes collections, recycling and landfill operations. In addition, the County maintains a landfill construction fund. Information on this fund is also included in Appendix H. Revenues come primarily from landfill charges and transfers from the General Fund. The County carefully considers all revenues and expenditures relative to solid waste management annually when developing the annual budget for the County.

Special programs that the County, periodically engages in includes property clean-ups with trustees from the Piedmont Regional Jail; public education on recycling within the County through pamphlets available from the County Administrator's Office; and the clean-up of illegal tire dump sites.

B. Cumberland County

B.1 Existing Solid Waste Programs

Cumberland County closed its three landfills in the mid-nineteen nineties and constructed public convenience centers at each of the three sites. The Hamilton Landfill was closed in August 1994; the Madison Landfill in July 1995; and the Randolph Landfill in June 1997. Wastes are transported from these facilities to a recycling facility pursuant to the County's contract with a private hauler. Currently this hauler is Container Rental LLC; however the County must periodically procure these services in accordance with the Virginia Procurement Act and the hauler can change over time. The convenience centers are manned and open generally Monday through Sunday. Usage of these sites is strictly for residential use. It is up to the resident to deliver its waste to the public convenience centers. The approximate location of each of these facilities is shown on Figure 2 in Appendix A.

Recycling containers are located at each of the public convenience centers. Materials collected for recycling include aluminum cans, plastics (#1 and #2), cardboard, newsprint, mixed papers, tires and white goods. Yard waste and brush also are collected at the Madison Facility. Recycled materials are collected and processed locally by private firms.

The Region has a mandatory recycling rate of 15% and is required to report recycling rates every 4 years. The last reporting period was for calendar year 2016. For calendar year 2016, the Region reported a recycling rate of 22.8% which was based on the reported 9,390 tons of principle recycled materials including credits. The reported recycling rate for CY 2012 was 18.7% Appendix F contains pertinent recycling information.

Cumberland County's current litter control efforts include participation in: the Community Diversion Incentive programs operated in direct coordination with the general district court; the Adopt-a-Spot and Adopt-a-Highway programs sponsored by VDOT; periodic community and/or organization sponsored roadside litter pickups and campaigns; and periodic river cleanups in partnership with the Friends of the Appomattox.

Cumberland County periodically promotes public participation in abandoned vehicle recovery efforts and special household hazardous waste collection events. The success of these programs is due in part to public education efforts by the County to increase participation in the event or events. Cumberland County encourages and will continue to encourage, participation in community anti-litter and cleanup campaigns through educational and guest program presentations to schools, individuals, and civic or social organizations.

In the future, Cumberland County will continue its efforts in litter control by actively participating in and/or promoting the above programs.

Cumberland County does not have an operating landfill. It does have three closed landfills that it must maintain in accordance with the Regulations.

Funding of its solid waste management program under the Public Works Budget addresses collections, recycling and disposal. Funding is from the General Fund. See Appendix H for the most current budget for the County's solid waste program.

Continued funding of these programs will continue to be from the General Fund and/or through host fees if a privately owned and operated municipal solid waste landfill is permitted within the County.

B.2 Future Disposal in Cumberland County

Green Ridge Recycling and Disposal Facility, LLC (Green Ridge), a private waste disposal company, is proposing to site and permit a new sanitary landfill in Cumberland County, Virginia. The proposed landfill will be located approximately eight miles east of Cumberland County Courthouse on US Route 60. Figures 4 and 5 in Appendix A illustrate the approximate location of the proposed landfill. Access to the proposed facility will be from Route 60. The design of the entrance and proposed access road will be subject to VDOT approval. The total facility acreage is approximately 1,200 acres.

The submitted Part A application indicates that the waste management unit boundary is 438 acres and the disposal area estimated to be approximately 250 acres. The planned gross capacity of the facility has been calculated based on conceptual information at approximately 54 million cubic yards. The net airspace will be determined during the design of these systems and development of the operational parameters for the facility during the DEQ Part A and Part B application process. (Note that this is less than in the 2018/2019 version of the Plan which went through the major amendment as design has progressed and decisions been made on the acreage to be developed. The 2018/2019 Plan included a disposal area of 550 acres with a capacity of 69 million cubic yards.)

The allowable waste stream acceptance rate will be limited by the Host Agreement, which also provides for free solid waste disposal and recycling to residents of Cumberland County. The maximum amount of waste that can be accepted on any given day will be 5,000 tons.

Because the average annual waste receipt and effective in-place waste densities will vary, the practical life of the facility es estimated to be approximately 25 - 30 years. The longer life assumes a higher in-place waste density and a lower average annual waste receipt.

The proposed facility is considered to be in conformance with this Plan as well as the County's Comprehensive Plan and local zoning ordinances. Public hearings for the facility were held by the Cumberland County Planning Commission on June 14, 2018, June 18, 2018 and June 25, 2018, and by the Cumberland County Board of Supervisors on June 28, 2018. The Conditional Use Permit including rezoning and Host Agreement have been approved by the County.

Additional meetings were held on the project as follows:

- June 7, 2018 – Voluntary community meeting by Green Ridge

- August 28, 2018 – Regulatory community meeting by Green Ridge

Development of this proposed facility is subject to permit approvals by the DEQ in accordance with the *Virginia Solid Waste Management Regulations* (*VSWMR*) and other key agencies. Permitting has been initiated on the project. The Notice of Intent and Part A application were submitted to DEQ on January 22, 2020. DEQ has posted links to this information on their website. While DEQ reviews the Part A, Green Ridge will continue its other permit obligations relative to the project.

The proposed Green Ridge landfill will be a sanitary landfill accepting Municipal Solid Waste (MSW) primarily serving Cumberland County and Virginia, including the Richmond Metropolitan Area. Under the terms of the Host Agreement with Cumberland County (approved amendment executed on July 12, 2019), MSW can be accepted from a 500-mile radius of the landfill – however waste from the states of New York and New Jersey has been excluded from this radius.

The proposed landfill would operate under a DEQ permit to be obtained within the next several years. No changes to current solid waste disposal practices would occur until such time as permits for the new facility are obtained from DEQ and construction completed. Final design details will be determined during the DEQ permitting process.

The landfill's regular operating hours have been described as follows: the landfill will open at 6:00 a.m. on Monday mornings and close at 11:59 p.m. on Friday evenings, and will be open on Saturday from 6:00 a.m. to 4:00 p.m.

Due to the conceptual nature of the current design of this proposed facility, additional amendments to the Plan, if necessary, will be implemented at the appropriate time in accordance with 9 VAC20-130-10 et seq.

It should be noted that on November 19, 2018, Allied Waste who had permitted a facility in Cumberland County (Permit 606 – 8/17/2009) but which was never constructed, submitted a request for termination to DEQ. A copy of this letter is provided in Appendix C-1. Thus, the Green Ridge facility is essentially replacing the disposal capacity of the Allied Waste facility.

C. Solid Waste Management Planning Unit (Region) Recycling Rate

The Region has a mandatory recycling rate of 15% and is required to report recycling rates every 4 years. The last reporting period was for calendar year 2016. For calendar year 2016, the Region reported a recycling rate of 22.8% which was based on the reported 9,390 tons of principle recycled materials including credits. The reported recycling rate in CY 2012 was 18.7%. Appendix F contains pertinent information on recycling.

As of July 1, 2006, the mandatory recycling rate for a region with a population density of less than 100 people per square mile is 15%. The population density for the Region based upon 33,420 people (2010 Census data) and a total area of 649 square miles is approximately 51.5 people per square mile. Thus, the Region meets this requirement and has a recycling rate of 15%. It should be noted that even in 2040 when the population is projected to be 36,476, the density will be 56.2 people per square mile and the recycling rate maintained at 15%.

The Region and its members will continue to look for improvements in recycling activities and practices during the planning period. If the recycling rate for the Region drops below the current goal of 15%, then the Plan will be amended to incorporate a recycling action plan. The recycling action plan will cover the required milestones to meet the 15% recycling rate goal.

D. Collection/Transfer

The existing system of solid waste collection and transportation throughout the Region is to be continued through the planning period. The existing system is functioning well, and no significant changes are proposed. The Region and its members will continue to evaluate the collection and handling of solid waste and look for improvements that can be made to the system during the planning period.

It is not intended at this point to supplant the public convenience facilities that serve the needs of the residents within the Region with larger and more expensive transfer stations given the proximity of the disposal sites. In the event that a change in the current collection and transportation system is warranted, the Plan will be amended to reflect the change.

Changes in collection or transfer would be considered minor amendments under the Plan.

E. Central Archive

The requirement for a central archive is outlined under 9VAC20-130-120 as follows:

D. All known solid waste disposal sites, closed, inactive, and active, within the area of the solid waste management plan shall be documented and recorded at a centralized archive authorized to receive and record information and a copy shall be sent to the department. All new sites shall be recorded at the same central data source.

The United States Environmental Protection Agency (USEPA) and the Virginia Department of Environmental Quality (DEQ) maintain data on sites and facilities that have been permitted as disposal sites under federal and state regulations, and of sites and facilities that have been permitted as treatment, storage, and disposal sites under the Hazardous Waste Management Regulations.

The office of the County Planner of Prince Edward County in Farmville, Virginia will be the local Central Archive to receive and record information on permitted and closed disposal sites. Such information will be available for public scrutiny. To make current information available for public review, the Prince Edward County Planner will request periodically during the planning period that the DEQ provide copies of its latest database of permitted and closed sites. Similarly, the Prince Edward County Planner will periodically request the latest lists of Superfund sites and sites with potentially hazardous issues from the EPA.

Sites with potential waste disposal issues are sometimes identified by private entities during their environmental site assessment process. To the extent that the results of these site assessments are provided to the Prince Edward County Planning Office, the inventory of active and closed disposal sites will be updated and forwarded to the director of the DEQ.

Similarly, new solid waste management sites (e.g. disposal, recycling, composting) will be documented and recorded with a copy of that information sent to the director of the DEQ.

The office of the County Planner for Prince Edward County in Farmville, Virginia will also serve as the local Central Archive to receive and record information on the amount of solid waste produced within the Region. The waste records from the Prince Edward County landfill are maintained in this office as well the County's records relative to recycling. Information on waste generation records and recycling records from Cumberland County will be submitted to this office as available. This information will, in turn, be submitted to the director of the DEQ as appropriate.

Appendix I includes a current list of solid waste facilities in the Region which is a combination of information provided by DEQ and an update for the local facilities not requiring DEQ permitting.

F. Recycling Markets

Recycling markets have been in flux after the closure of some international markets in 2018/2019. However, the Region continues to find markets for their recycling materials as indicated below:

F.1 Prince Edward County

Recyclables collected from the County's seven convenience center are taken to three different privately owned and operated facilities as indicated below:

White goods and other metals are taken to J & J Recycling in Farmville, VA. J & J is a scrap metal and salvage yard that collects, processes and transports metals to different end users in the mid-Atlantic area.

Tires are taken to Emanuel Tire's Appomattox location and then are transported to Emanuel's main processing plant in Baltimore, MD.

Household recyclables (cardboard, newspaper, plastic containers, and clean glass containers) are taken to STEPS, Inc., a recyclable material brokerage and processing facility in Farmville, VA. After processing and or sorting, STEPS transports the materials by truck to Chesapeake Fibers in Richmond, VA.

The County monitors the recycling markets and can adjust as appropriate.

F.2 Cumberland County

Recyclables collected from the County's three centers are taken to a private facility in Troy, Virginia, then transferred to a private processing facility in Chester, Virginia. Recycling collection and processing is tied to a contract with a private collection company. The County monitors this contract and the markets, and will adjust if appropriate through appropriate procurement procedures.

The future Green Ridge Disposal and Recycling facility will also provide another venue for deposition of recyclables for transport to processing facilities.

CHAPTER 5 - WASTE GENERATION AND COMPOSITION

A. Waste Generation

The Prince Edward County Landfill is the only disposal facility in the Region. Tonnage for the landfill is reported annually to the DEQ through the Solid Waste Information and Assessment (SWIA) forms. This form captures data on tonnage received and landfilled, remaining capacity and remaining life. Appendix J includes the most recent SWIA reporting form and the following tables based on the SWIA reporting information:

- A summary table of the SWIA reporting information for this facility from 2005 through the latest year of reporting. The facility has averaged a daily tonnage of approximately 100 tpd from 2005 through 2018. (Table J-1)
- A summary of the tonnage by SWIA reporting category for the last five years. For the previous five years, on average approximately 88% of the waste delivered to the landfill was MSW and 8% CDD, with the other materials recyclables or yard waste. Of the MSW and CDD delivered to the facility, on average 96% was landfilled. (Table J-2)

In 2017, the US EPA published their report entitled, *"Advancing Sustainable Materials Management: 2017 Fact Sheet,"* dated November 2019. A copy of this report is included in Appendix K. In that report (Table 3), the US EPA indicates a rate of waste generation of 4.51 pounds per person per day of which approximately 50%+ is landfilled.

Waste generation projections for the Region can be based on the population projections from Chapter 3 of this report and the waste generation rates identified in the US EPA report. Table 5 below provides a summary of these projections and Table L-1 in Appendix L provides projections by year. (Note that the US EPA does not include construction/demolition debris in this generation value as much of the material is recycled and is not a direct function of generation on a per person basis.)

TABLE 5
SUMMARY WASTE GENERATION PROJECTIONS
2010 - 2040

ITEM	2010	2020	2030	2040
Regional population projections (Chapter 3)	33,420	33,064	35,010	36,476
MSW generation Based on 4.51 lbs/person/day (tons)	27,507	27,214	28,816	30,022

B. Waste Composition

No published waste composition studies for the Region are available. However, the SWIA reporting for the Prince Edward County Landfill does provide some information on categories of waste brought to that facility. Based on the SWIA average for the previous 5-year period (See Table J-2 in Appendix J), MSW makes up 87.8% of the waste stream as delivered, CDD makes up 7.97 % with the remainder either vegetative/yard waste (2.98%), industrial waste (0.12%), tires (0.7%), white goods (0.16%) and other materials (0.35%).

In addition, information published by US EPA can be useful in assessing the waste composition of the Region considering recycling or alternate management programs. Table 6 taken from the 2017 US EPA report summarizes key materials with regard to composition:

TABLE 6
WASTE COMPOSITION
2017 US EPA REPORT

MATERIAL	WEIGHT GENERATED (millions of tons)	% OF TOTAL MSW
GENERAL MATERIALS		
Paper and paperboard	67.01	25.0%
Glass	11.38	4.2%
Plastics	35.37	13.2%
Rubber and leather	9.11	3.4%
Textiles	16.89	6.3%
Wood	17.99	6.7%
Other materials	5.1	1.9%
TOTAL	162.85	60.8%
METALS		
Steel	18.89	7.1%
Aluminum	3.83	1.4%
Other nonferrous	2.33	0.9%
TOTAL	25.05	9.4%
OTHER WASTES		
Food, other	40.67	15.2%
Yard trimmings	35.18	13.1%
Miscellaneous inorganic	4.04	1.5%
TOTAL	79.89	29.8%
TOTAL MSW	267.79	100.0%

C. Waste Character

Based upon the average of tonnage data reported in Form DEQ 50-25 (Solid Waste Information and Assessment Program Reporting Form) over the years 2014-2018 (See Table J-2 in Appendix J) the following table represents a current average percentage breakdown of the waste stream as delivered to the landfill in the defined categories.

TABLE 7
WASTE CHARACTER
SWIA AVERAGE 2014 - 2018

WASTE TYPE	% OF TOTAL DELIVERED TO LANDFILL
Municipal Solid Waste (MSW)	87.80%
Construction/Demolition Debris (CDD)	7.97%
Vegetative and Yard Waste (V/Y W)	2.89%
Industrial Waste (IND)	0.12%
Tires	0.70%
White Goods	0.16%
Other (clean wood ash)	0.35%

Since the Region is primarily rural in character, and is expected to generally remain that way based upon population projections, it is not anticipated that these percentages will vary significantly in the future.

Table 8 projects these waste categories considering the tonnage projections developed under Section A above. Table L-2 in Appendix L projects these categories by year through the planning period.

TABLE 8
WASTE GENERATION PROJECTIONS (TONS)
BASED UPON CATEGORY

Year	2020	2030	2040
Total Projected (tons)	**27,214**	**28,816**	**30,022**
Municipal Solid Waste (MSW)	23,894	25,300	26,360
Construction/Demolition Debris (CDD)	2,169	2,297	2,393
Vegetative and Yard Waste (V/Y W)	786	833	868
Industrial Waste (IND)	33	35	36
Tires	190	202	210
White Goods	44	46	48
Other	95	101	105

CHAPTER 6 - SOLID WASTE NEEDS ASSESSMENT

A. Prince Edward County

As discussed in Chapter 4, Prince Edward County owns and operates its own Subtitle D Sanitary Landfill (Permit 584) which is projected to reach capacity in 2025 (see Permit in Appendix G). The facility has two cells (Cells E and F) with remaining capacity. The actual closure date of the landfill will be based on tonnage received, types of materials received and operations (e.g. compaction rates) so may vary. The County periodically surveys the landfill to track capacity.

It is recognized therefore, that within this 20-year planning horizon (2020 – 2040) the County will need to consider its alternatives. Potential alternatives include the following:

- Expansion of the existing landfill;
- Construction of a transfer station or direct haul of waste to an existing sanitary landfill (public or private); or
- Direct transfer of waste from the County to the Green Ridge Recycling and Disposal Facility in Cumberland County once operational.

Over the next several years the County will be evaluating their options. The choice of an option will be based on the schedule, financial and long-term viability of the option. Once an option is chosen, the Plan will be updated to include the option. It is understood that expansion of the existing landfill would require a major amendment to the Plan; implementation of either of the other options would only be considered a minor amendment to the Plan.

The strategic location of the public convenience centers and accompanying recycling centers will serve the citizens of the County well during the planning period. No changes are planned in either collections or recycling at this time.

B. Cumberland County

Cumberland County currently has no active disposal facility located within its borders. Waste and recyclables collected at its three centers are transported to a private facility and then on to either a permitted landfill for disposal or to a recycling processing facility.

The County has been seeking options to mitigate the expenses of its solid waste program for years. In 2006, the County believed that it had an opportunity with Republic Waste Industries to mitigate these costs with Republic opening a landfill in Cumberland. However, this opportunity fell through and Republic has withdrawn its permits. As a result, the County sought options to offset its costs and replace the expected revenue from the proposed Republic landfill upon which it was so heavily relying.

As reflected in the County's SWMP, Cumberland County needs the Green Ridge Facility because it will provide the County with substantial and much needed revenues, jobs, and relief for the solid waste expenses of Cumberland County, thereby serving the local public interest.

In addition, the County's Host Agreement with Green Ridge outlines numerous ways in which the Cumberland County public will be served. It is anticipated that the total annual revenue to Cumberland County from the Green Ridge facility at full operation would be approximately 3 million dollars, which represents almost 20% of the County's current annual budget.

Cumberland County will be working with Green Ridge to enhance the County's recycling program. Funding under Section 2.3 of the Host Agreement and additional recycling at the landfill will allow the County to broaden its vision for recycling and expand services to the community. Without the support of Green Ridge (monetarily and operationally), Cumberland County simply could not afford to consider such enhancements. The increased recycling opportunities that Green Ridge would support will serve the public well.

The proposed Green Ridge facility, when permitted, will provide disposal capacity over the planning period (and beyond) at no charge to County residents per the terms of the Host Agreement, a copy of which is available for review in the County's offices and on the County's website. Current estimates are that the facility will provide disposal for a minimum of 25 - 30 years based on the conceptual design.

The strategic location of the three public convenience centers and accompanying recycling centers in the north, central and southern parts of the County will continue to serve the citizens well for the remainder of the planning period. No changes are planned in either collections or recycling at this time although under the Host Agreement with Green Ridge Recycling and Disposal LLC, the new facility will include a convenience and recycling center for citizen use. This center may replace one of the existing facilities, but specific plans have not been developed at this time.

CHAPTER 7 - PREFERRED WASTE MANAGEMENT SYSTEM

A. General

It is important to recognize that the most appropriate waste management system for a given municipality or region is dependent on the demographics, geology, and resources of that municipality or region. Thus, the extent to which the different elements of the Solid Waste Management Hierarchy are incorporated in the plan will often vary considerably from municipality to municipality or region to region. The Solid Waste Management Hierarchy (originally developed and promoted by the USEPA) is usually depicted as a pyramid with the most preferred element at the top and the lease preferred at the bottom:



Source: US EPA Website

Under the Virginia regulation 9VAC 20-130-30, each Region is to consider and address all components of the following hierarchy:

- Source reduction
- Reuse
- Recycling
- Resource recover (waste to energy)
- Incineration; and
- Landfilling

The least preferred element (landfilling – included in the category "Treatment and Disposal" in the figure above) is necessarily the foundational element for the remaining elements and is the one element common to all integrated waste management strategies. Although, source reduction, reuse

and recycling in certain locations can have a significant impact on reducing the amount of solid waste material landfilled, it is not practical to consider that these three elements, in the foreseeable future, would dramatically reduce the amount of waste that will have to be landfilled in the Region.

A description of each element of the hierarchy follows.

Source Reduction:

Under the Virginia Solid Waste Planning and Recycling regulation (9 VAC 20-130-10), source reduction is defined as follows:

> *"Source reduction" means any action that reduces or eliminates the generation of waste at the source, usually within a process. Source reduction measures include process modifications, feedstock substitutions, improvements in feedstock purity, improvements in housekeeping and management practices, increases in the efficiency of machinery, and recycling within a process. Source reduction minimizes the material that must be managed by waste disposal or non-disposal options by creating less waste. "Source reduction" is also called "waste prevention," "waste minimization," or "waste reduction."*

This element of the solid waste management hierarchy, along with reuse, is for all intents and purposes, out of the direct control of the members of the Region. It could involve such disparate entities as manufacturers designing, manufacturing, and packaging products to minimize waste, and consumers purchasing products and services with an eye towards reducing the generation of waste materials. Because the goal of source reduction is not to produce waste, it is difficult to gauge the effectiveness of educational programs (indirect measures) that may be instituted by a locality. Source reduction practices are not tracked within the Region.

Reuse:

Under the Virginia Solid Waste Planning and Recycling regulation (9 VAC 20-130-10), reuse is defined as follows:

"Reuse" means the process of separating a given solid waste material from the waste stream and using it, without processing or changing its form, other than size reduction, for the same or another end use.

Very similar to source reduction, this element could involve one time or multiple reuse of containers or packaging materials such as plastic or paper grocery bags and food containers (such as plastic margarine tubs); and donating clothes (in good condition) to charitable organizations for redistribution to others. Reuse practices also are not tracked within the Region. Expansion of reuse practices would rely heavily upon educational programs, but as with source reduction, it would be difficult to measure the effectiveness of dollars spent on such educational programs.

Thus, it is that the top two preferences are difficult to implement and problematic to measure. However, the Region will continue to look for economical ways to promote source reduction and reuse during the planning period. Existing recycling information available to the public will be augmented with educational and informational programs on reduction and reuse as public funding will allow.

Recycling:

Under the Virginia Solid Waste Planning and Recycling regulation (9 VAC 20-130-10), recycling is defined as follows:

> *"Recycling" means the process of separating a given waste material from the waste stream and processing it so that it may be used again as a raw material for a product, which may or may not be similar to the original product. For the purpose of this chapter, recycling shall not include processes that only involve size reduction.*

Recycling provides businesses, individuals, and families the opportunity to return valuable resources (both renewable and non-renewable) back to the manufacturing/industrial sector to produce new products. In the process, it reduces the amount of virgin materials needed and the production process likely will use less energy using recycled feedstocks of metals, glass, plastics, and paper.

Members of the Region can have an impact on recycling activities through programs and facilities provided or made available to businesses and residences within their respective jurisdictions. Drop-off areas and public convenience facilities have been designed or upgraded to include recycling boxes or containers. Future considerations would include limited curbside recycling programs in more density populated areas within the Region.

The mandated recycling rate for the Region is being met. If the rate drops below the currently mandated 15% for rural areas, the Plan will be amended to include implementation timelines incorporated therein.

Resource Recovery/Incineration

Under the Virginia Solid Waste Planning and Recycling regulation (9 VAC 20-130-10), resource recovery is defined as a system as follows:

"Resource recovery system" means a solid waste management system that provides for collection, separation, recycling, and recovery of energy or solid wastes, including disposal of nonrecoverable waste residues.

Resource recovery, also referred to as Waste-to-Energy (WTE), is not a cost-effective element of

the hierarchy for implementation in a Region of the size associated with this Plan. Most existing WTE facilities are in the 1,000 TPD or greater through-put capacity. At a per capita generation rate of 4.51 lbs./day (2017 US EPA estimate) this would reflect a service area population of about 440,000+.

Such facilities can also be difficult to site and permit because of stricter air emissions requirements, difficulties with jurisdictional political agreements, and intense public opposition. Incineration is the same as WTE except that energy is not recovered from the burning process.

Landfilling:

Landfilling, in the simplest terminology, is the engineered burial of solid wastes. Modern landfill facilities incorporate composite liner systems of soils and flexible membranes to serve as barriers to preclude the contamination of groundwater beneath the facility. Porous media and piping in a "leachate collection zone" above the liner system allow for the contaminated liquids to flow to a collection point where the fluids are removed and treated on site or hauled or pumped to a treatment plant. Gas generated from the decomposition of wastes is vented and/or recovered. Groundwater and landfill gas monitoring is required by the Regulations to protect off-site receptors.

Landfilling of municipal solid waste generation within the Region (either at the Prince Edward County landfill, future Green Ridge facility, or at a landfill located outside of the Region) will remain the most viable and economic method for the management of the waste stream. Landfilling will be integrated with viable recycling programs and, therefore, recycling and landfilling will form the cornerstone of the integrated waste management strategy for the Region. Waste reduction and reuse will be promoted as funding permits.

B. Prince Edward County

Reduction/Reuse

As public funding allows, existing education and public information programs proposed for increasing participation in recycling will be augmented to include education/ informational programs on waste reduction and reuse.

Recycling:

The preferred recycling program will continue to be the operation of the drop-off centers at the public convenience centers and the curbside collection within the Town of Farmville.

Institution of curbside collection in more densely populated parts of the County could be considered in the future to increase participation rates and recyclable collections. Education and public information efforts will continue to be a component of the recycling program. The private sector

will be relied upon to process and market recovered materials.

Waste oil and anti-freeze recycling is also under consideration.

Disposal:

Currently the County operates a permitted sanitary landfill. However, capacity in this permitted capacity is insufficient to address the County's needs over the 20-year planning horizon. See Chapter 4 and Chapter 6 relative to a discussion on current disposal and future disposal needs for the County.

C. Cumberland County

Reduction/Reuse:

As public funding allows, existing education and public information programs proposed for increasing participation in recycling will be augmented to include education/ informational programs on waste reduction and reuse.

Recycling:

The preferred recycling program for Cumberland County is to continue the operation of its drop-off centers located at each of its three public convenience centers. Education and public information programs will continue to be relied upon to increase participation rates and the collection of recyclables. The private sector will continue to provide for the processing and market of recovered materials.

Disposal:

Cumberland County will continue to rely upon the private sector to haul and manage the waste collected at its three convenience centers. As needed the County will re-procure these operations.

The County has entered into an agreement with Green Ridge Recycling and Disposal LLC for the permitting, construction and operation of a new sanitary landfill in Cumberland County. See Chapter 4 relative to a detailed discussion on this facility. The Host Agreement provides a timeline for the future operation of this facility.

While the County waits for the Green Ridge to become operational, it may continue to assess its options in regard to Regional programs.

For both Counties, existing public and private sector partnerships in the collection, and transport of municipal wastes, in the collection, transport and processing of recyclables and in the operation of disposal facilities will be maintained as appropriate. Any significant change can be incorporated into this Plan as a minor amendment.

CHAPTER 8 - IMPLEMENTATION SCHEDULE AND MILESTONES

Chapter 3 outlined the following objectives relative to the goals identified in that Chapter:

To meet the goals, the Region will:

- *Establish and maintain a current Plan which will include an on-going planning, amendment, and implementation process to assure that the future solid waste management needs of the Region are met.*
- *Provide flexibility in the Plan to provide for: 1) unforeseen needs, events, or situations that may arise from time to time; 2) utilization of new facilities that may come on-line; and 3) incorporation of new technologies that may be developed.*
- *Establish an integrated waste management strategy addressing the solid waste management hierarchy established by the regulations. Initially, the focus must address recycling and landfilling (current activities) with the intent that other aspects of the hierarchy will be addressed in the future.*
- *Continue to strive to meet or exceed state mandated recycling rate of 15% for rural localities.*

Based on the discussions above, the following conclusions can be drawn relative to the solid waste program for the Region and implementation requirements:

- **Collections:** Neither member of the Region will need to or has proposed to make any significant changes in their collection systems.

- **Recycling:** Because the Region currently meets or exceeds their recycling goal of 15%, neither member of the Region will need to or has proposed to make any significant changes in their recycling systems. Both members will continue to look for ways to enhance their program. Prince Edward County may consider curbside collection in denser areas of the County, but no specific planning efforts are in progress at this time.

- **Disposal:** The Region has some significant changes occurring in their disposal programs over the planning period as follows:

    - The Prince Edward County Landfill (Permit 584) will reach capacity during the planning period. The County will assess its options considering schedule, financial and long-term aspects of its solid waste management program. The permit indicates that the existing facility will reach capacity by 2025. The actual date will be a function of tonnage, types of waste materials and operations (e.g. compaction). Thus, the County will need to consider its options by FY 2022/FY 2023.
    - Cumberland County has an agreement with Green Ridge Recycling and Disposal LLC for the construction of a new landfill within the next five years. While it waits for the facility to become operational, the County will continue

to maintain its contract(s) with the private sector for the transport and disposal of waste from its three convenience centers.

The Plan for the Region is essentially self-implementing as approved by each County and as approved by the DEQ. Over the planning period from 2020 – 2040 significant changes in disposal are anticipated as Prince Edward County considers its options and as the Green Ridge Recycling and Disposal facility is developed as discussed in Chapter 4 in Cumberland County.

9VAC20-130-120.C.5 indicates that the solid waste management plan should identify: All milestones in the implementation of the solid waste management plan over the 20-year projection and the parties responsible for each milestone. A general discussion of the action items required over the planning period was provided above. The following table identifies key milestones in 5-year increments to allow consideration during the 5-year certification (Note it is assumed that the Prince Edward County has 6 years of remaining life per the 2019 SWIA report - to the end of 2025, and that Green Ridge will be fully operational at the end of 2025):

TABLE 9
MILESTONES
FIVE YEAR INCREMENTS

INCREMENT	PRINCE EDWARD COUNTY Activities by County	CUMBERLAND COUNTY Activities by County
2020 - 2025	2022 - Five year Certification by SWPU **COLLECTION** • No specific efforts - ongoing assessment of needs; procurement of contracts as needed. **DISPOSAL** • Continue operation of existing landfill. • Carefully evaluate tonnage and landfill capacity to determine when landfill full. • Complete an option analysis to consider disposal alternatives (e.g. landfill expansion, transfer station, direct haul, or other) • If the option analysis determines that either a landfill expansion or transfer station is the preferred option, develop permit documents, construction documents, and construct option.	2022 - Five year Certification by SWPU **COLLECTION** • No specific efforts - ongoing assessment of needs; procurement of contracts as needed **DISPOSAL** • Support development of Green Ridge Recycling and Disposal Facility as needed • Continue with current system of waste transport from convenience centers; procurement of contracts as needed • Annually evaluate progress of development of Green Ridge and adjust planning as needed **RECYCLING**

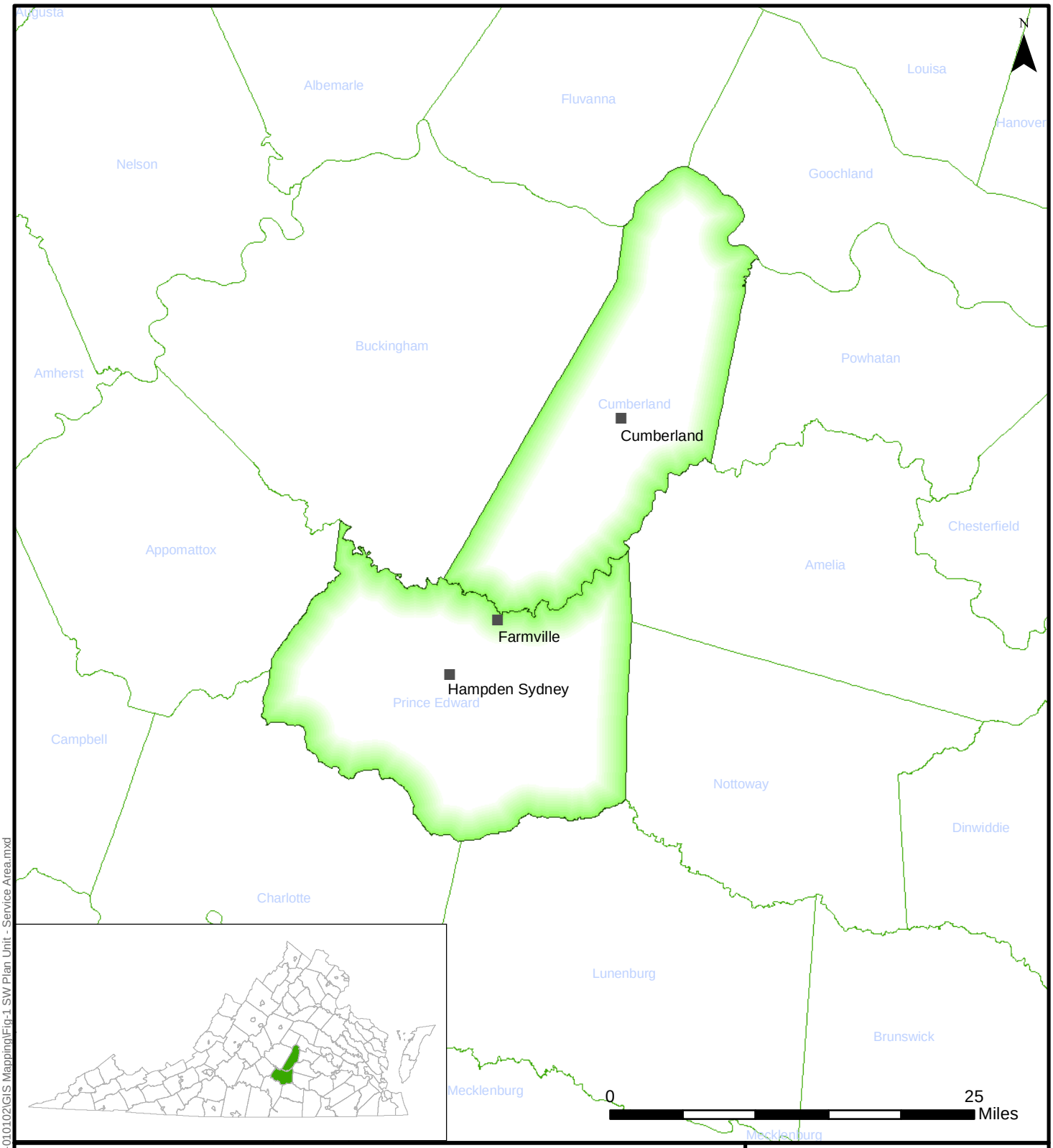
INCREMENT	PRINCE EDWARD COUNTY Activities by County	CUMBERLAND COUNTY Activities by County
	• Consider directing commercial tonnage away from existing landfill to conserve life if needed to complete implementation of the chosen option. **RECYCLING** • Assess existing markets to determine if action is needed to enhance recycling. • Continue discussions regionally to determine if programs can be enhanced through regionalization.	• Assess existing markets to determine if action is needed to enhance recycling. • Continue discussions regionally to determine if programs can be enhanced through regionalization.
2026 - 2030	2027 - Five year Certification by SWPU • Initiate new disposal operations - timing dependent on option, and fill capacity of landfill. • Initiate closure of landfill if landfill to be closed. • Implement post-closure care at landfill if landfill is closed. • Continue assessing recycling; implement enhancements or additional programs as funding and interest dictates.	2027 - Five year Certification by SWPU • Use of Green Ridge Facility. • Continue existing disposal contracts as may be needed. • Continue assessing recycling; implement enhancements or additional programs as funding and interest dictates.
2031 - 2035	2032 - Five year Certification by SWPU • Continue with chosen disposal option. • Implement post-closure care at landfill if landfill closed. • Continue assessing recycling; implement enhancements or additional programs as funding and interest dictates.	2032 - Five year Certification by SWPU • Use of Green Ridge Facility • Continue assessing recycling; implement enhancements or additional programs as funding and interest dictates.
2036 - 2040	2037 - Five year Certification by SWPU • Continue with chosen disposal option. • Continue post-closure care at landfill if landfill closed. • Continue assessing recycling; implement enhancements or additional	2037 - Five year Certification by SWPU • Use of Green Ridge Facility • Continue assessing recycling; implement enhancements or additional programs as funding and interest dictates.

INCREMENT	PRINCE EDWARD COUNTY Activities by County	CUMBERLAND COUNTY Activities by County
	programs as funding and interest dictates.	

The Region will continue to update this Plan as needed to keep it current in accordance with 9VAC20-130-173 and to incorporate any additional changes in the solid waste management system in the Region. Formal amendments to the Plan as regulated under 9VAC20-130-175 will be submitted to DEQ as required.

Appendix A

Figures



Area Map

Cumberland County / Prince Edward County
Solid Waste Planning Unit

SCALE: 1:600,000

PROJECT: 18020117-010102

Draper Aden Associates
Engineering ◆ Surveying ◆ Environmental Services

2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291

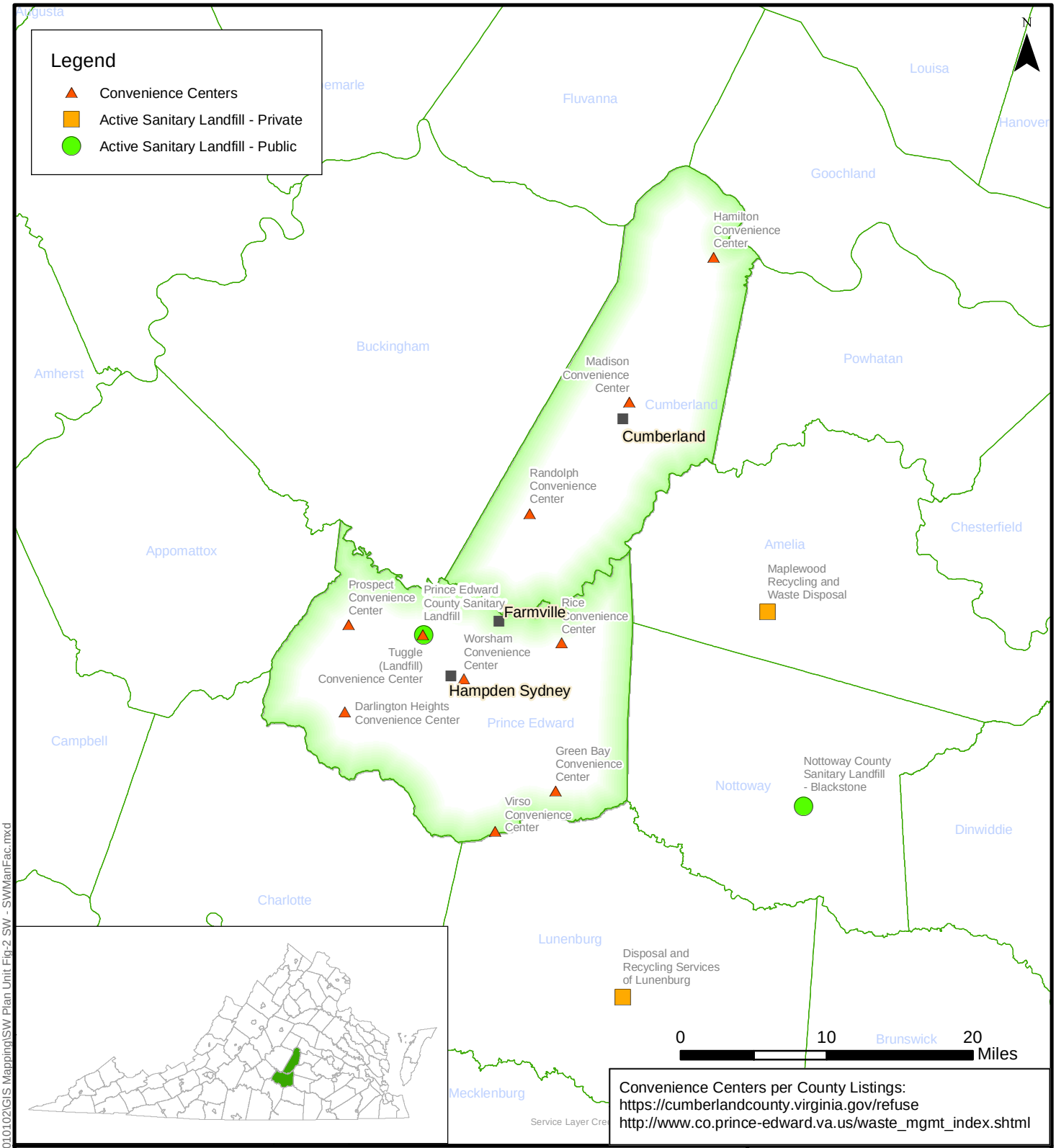
Richmond, VA
Charlottesville, VA
Hampton Roads, VA

Raleigh, NC
Fayetteville, NC
Northern Virginia
Virginia Beach, VA

DESIGNED: LPK
DRAWN: SMF
CHECKED: LPK
DATE: 03-09-20

FIGURE
1

Path: P:\2018\1802\01000\18020117\18020117-010102\GIS Mapping\Fig-1 SW Plan Unit - Service Area.mxd



Solid Waste Management Facilities

Cumberland County / Prince Edward County
Solid Waste Planning Unit

SCALE: 1:600,000

PROJECT: 18020117-010102

Draper Aden Associates
Engineering ◆ Surveying ◆ Environmental Services

2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291

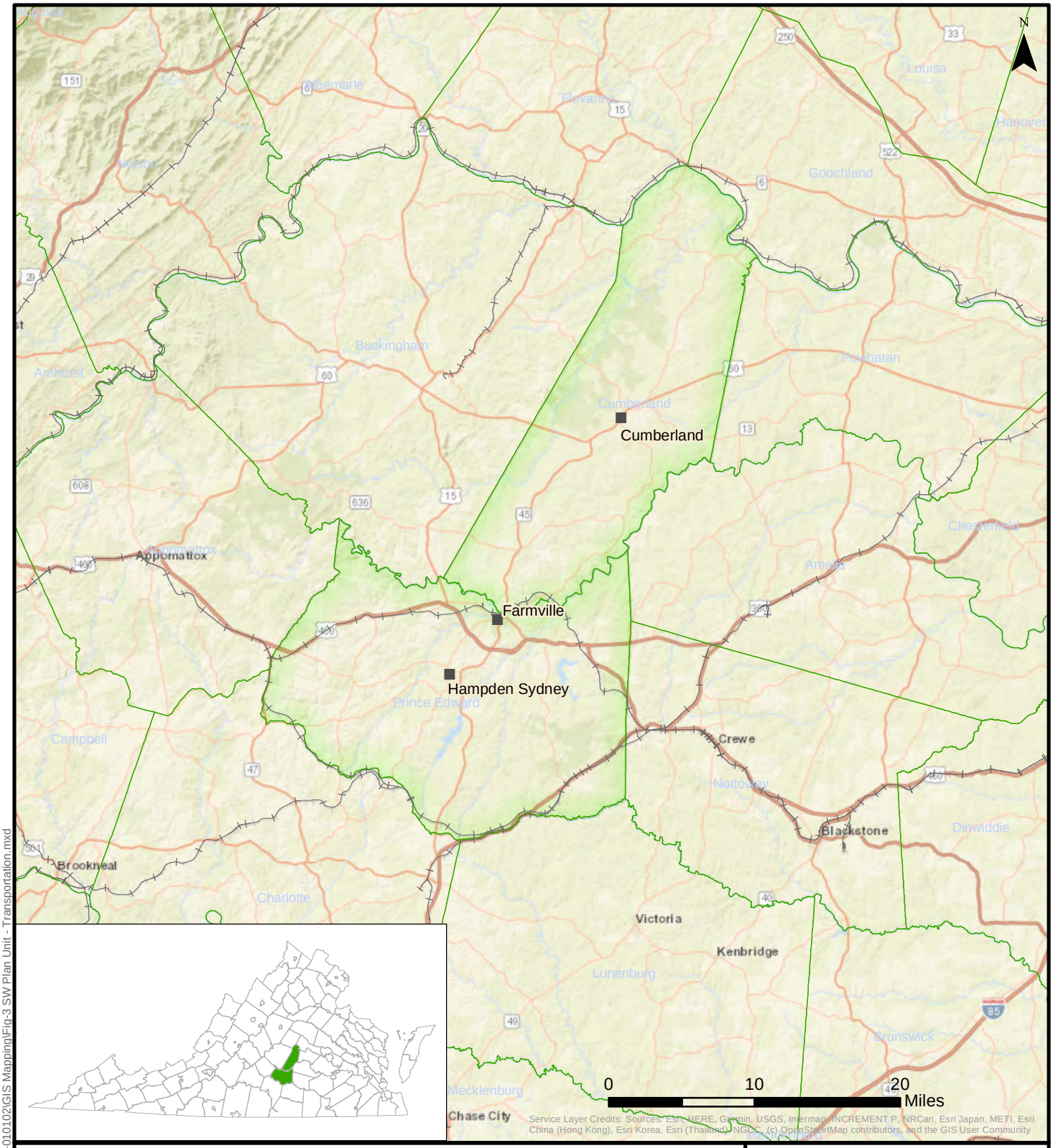
Richmond, VA
Charlottesville, VA
Hampton Roads, VA

Raleigh, NC
Fayetteville, NC
Northern Virginia
Virginia Beach, VA

DESIGNED: LPK
DRAWN: SMF
CHECKED: LPK
DATE: 03-09-20

FIGURE
2

Path: P:\2018\1802\01000\18020117\18020117-010102\GIS Mapping\SW Plan Unit Fig-2 SW - SWManFac.mxd



Transportation

Cumberland County / Prince Edward County
Solid Waste Planning Unit

SCALE: 1:600,000

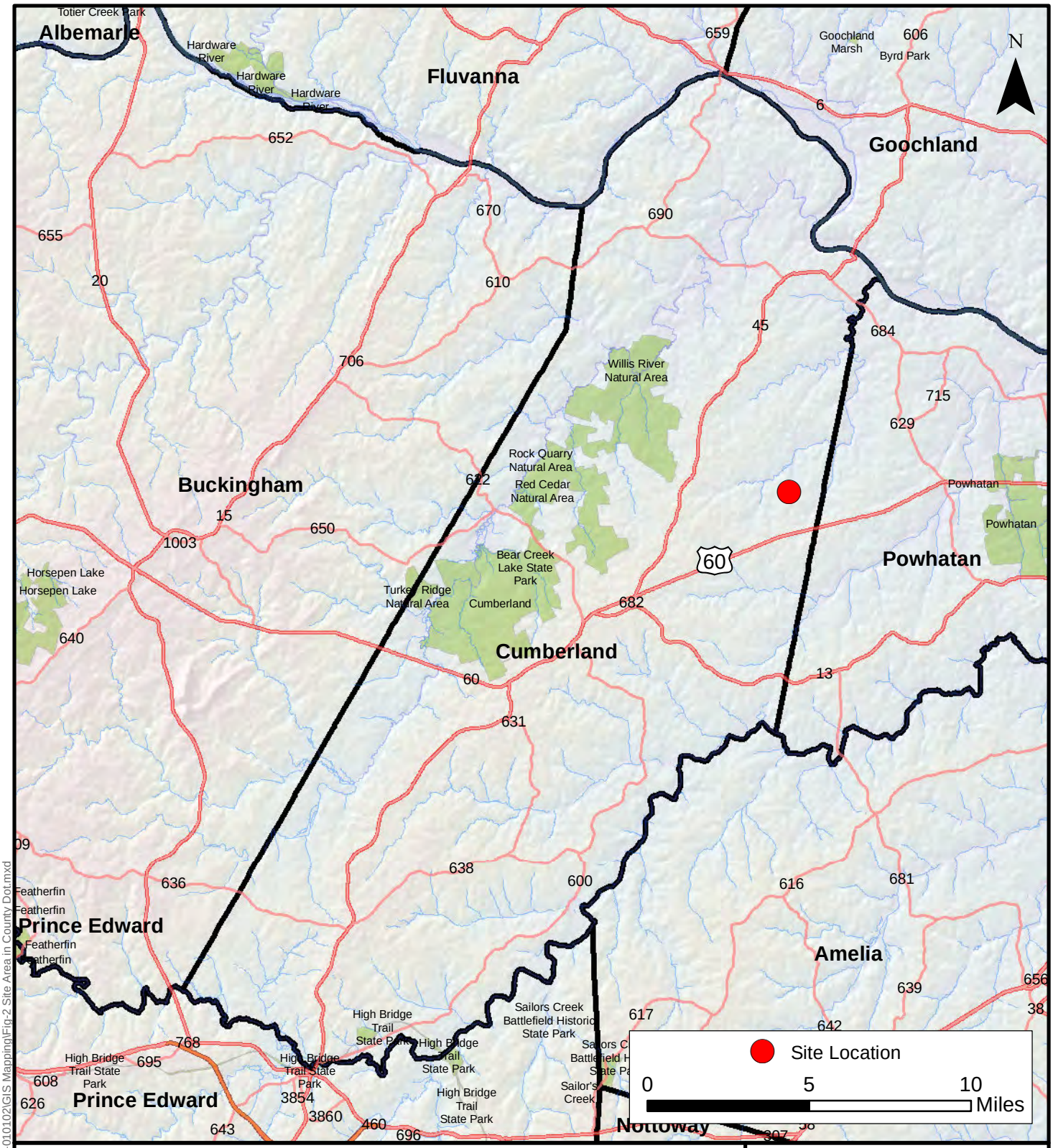
PROJECT: 18020117-010102

Draper Aden Associates
Engineering ◆ Surveying ◆ Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291
Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Raleigh, NC
Fayetteville, NC
Northern Virginia
Virginia Beach, VA

DESIGNED: LPK
DRAWN: SMF
CHECKED: LPK
DATE: 03-09-20

FIGURE
3

Path: P:\2018\1802\0100\18020117\18020117-010102\GIS Mapping\Fig-3 SW Plan Unit - Transportation.mxd



Path: P:\2018\1802\0100\18020117\18020117-010102\GIS Mapping\Fig-2 Site Area in County Dot.mxd

Area Map
Location in County

Green Ridge Recycling and Disposal Facility
Cumberland County, Virginia

SCALE: 1:270,000

PROJECT: 18020117-010102

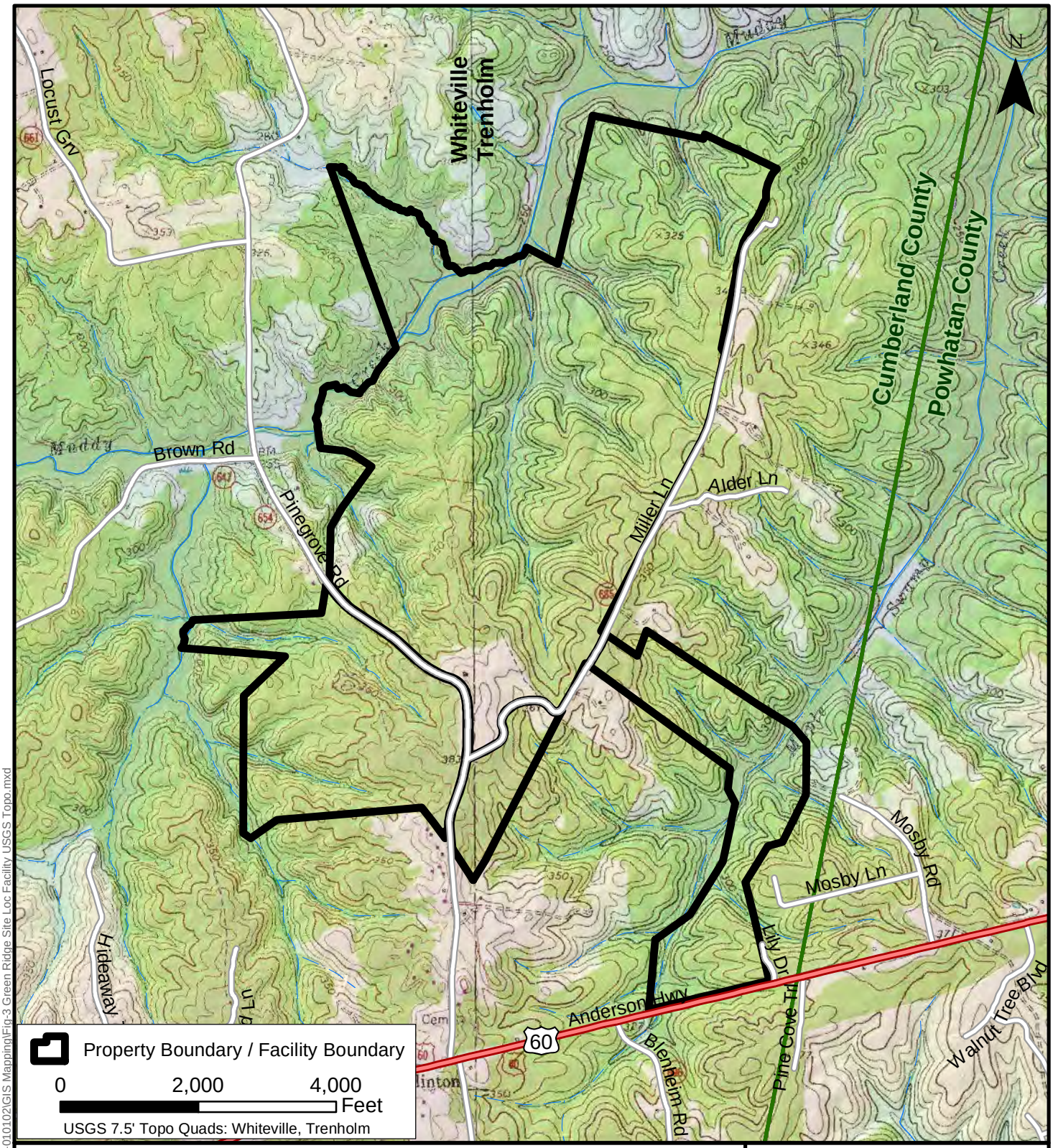
Draper Aden Associates
Engineering ◆ Surveying ◆ Environmental Services

2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291

Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Raleigh, NC
Fayetteville, NC
Northern Virginia

DESIGNED: LPK
DRAWN: SMF
CHECKED: LPK
DATE: 5-22-19

FIGURE
4



Site Location Map

Green Ridge
Recycling and Disposal Facility
Cumberland Co., Virginia

SCALE: 1" = 2000'

PROJECT: 18020117-010102

Draper Aden Associates
Engineering ◆ Surveying ◆ Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291
Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Raleigh, NC
Fayetteville, NC
Northern Virginia
Virginia Beach, VA

DESIGNED: LPK
DRAWN: SMF
CHECKED: LPK
DATE: 5-22-19

FIGURE
5

Path: P:\2018\1802\01000\18020117\18020117-010102\GIS Mapping\Fig-3 Green Ridge Site Loc Facility USGS Topo.mxd

Appendix B

Relevant SWMP Documentation

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 629 East Main Street, Richmond, Virginia 23219
Mailing address: P.O. Box 1105, Richmond, Virginia 23218
Fax (804) 698-4500 TDD (804) 698-4021
www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

(804) 698-4000
1-800-592-5482

JAN - 8 2007

ORIGINAL
COPY Ed H.

January 5, 2007

Ms. Judy Ownby, Administrator
Cumberland County
PO Box 110
Cumberland, VA 23040

Subject: **Approval of the Solid Waste Management Plan for the Prince Edward County & Cumberland County Region**

Dear Ms. Ownby:

I am pleased to inform you that the Solid Waste Management Plan for the Prince Edward County & Cumberland County Region, including the Town of Farmville, received in this office on February 11, 2005, and revised with corrections per your letters of September 6, 2006, November 20, 2006 and December 13, 2006, is hereby approved.

Thank you again for your efforts and cooperation in this matter. If you have any questions about this letter, please contact Daniel S. Gwinner at (804) 698-4218.

Sincerely,

Sanjay Thirunagari, Director
Office of Waste Technical Support
Waste Division

cc: Mr. Jonathon L. Pickett, County Planner
Robert Goode-VADEQ
Matt Biesterveld-VADEQ
Daniel S. Gwinner-VADEQ
Edward J. Hollos, P.E., Resource International, LTD, PO Box 6160, Ashland, VA 23005

BOARD OF SUPERVISORS

Howard F. Simpson
Chairman
Robert M. Jones
Vice Chairman
Pattie Cooper-Jones
Calvin L. Gray, Th.D.
Odessa H. Pride, Ed.D.
C. Robert Timmons, Jr.
Jerry R. Townsend
James R. Wilck

COUNTY OF PRINCE EDWARD, VIRGINIA

COUNTY ADMINISTRATOR

W.W. Bartlett

Post Office Box 382
111 South Street, 3rd Floor
Farmville, VA 23901

Office: (434) 392-8837
Fax: (434) 392-6683

wbartlett@co.prince-edward.va.us
www.co.prince-edward.va.us

December 16, 2016

RECEIVED

DEC 22 16

VDEQ - ORP

Mr. Sanjay Thirunagari
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219

Re: Solid Waste Management Plan Update Certification Letter for the Prince Edward County and Cumberland County Solid Waste Planning Unit (SWPU)

Dear Mr. Thirunagari:

In accordance with the requirements of the Solid Waste Management Plan 5-Year Update Guidance Memo (04-2009), Prince Edward County provides the following certifications that the approved Solid Waste Management Plan (originally approved by the VDEQ on January 5, 2007) remains current and appropriate for Solid Waste Management within the Planning Unit for the foreseeable future. The referenced guidance memo asks that the following three items be reviewed and evaluated and each item specifically named and accompanied by a statement affirming that the item has been maintained and updated.

A. Waste generation estimates are current, both in quantities generated and composition.
B. The scheduled 20-year planning increments have been met.
C. The projected 20-year waste management capacity remains available or the projects designed to meet the required capacity are on schedule.

Before verifying these items in a manner consistent with the Guidance Memo, it is worth noting that there is one minor difference in the way Cumberland County manages the MSW generated within its jurisdictional boundaries. Although having been permitted, the private MSW landfill once proposed for Cumberland County apparently will not be constructed in the foreseeable future, if at all, according to Cumberland County staff. This is an apparent result of the economic downturn that the Country experienced. Cumberland County had anticipated taking all of its MSW to this facility once it opened. The County's MSW is now being transported north to the Van der Linde Recycling Facility at Zion Crossroads in nearby Fluvanna County.

A. Waste Generation Estimates are Current, Both in Quantities Generated and Composition

The waste generation estimates presented in the Solid Waste Management Plan remain current relative to Composition, but the Quantity on an annual basis has decreased. The attached tables comparing actual quantities of wastes received (from County and/or SWIA Reports) to the projected amounts that appear in the Solid Waste Management Plan demonstrate this. The result is that the life of the landfill has been extended proportionately. Item B explains the reason for the decrease in waste tonnage received at the landfill.

B. The Scheduled 20-year Planning Increments Have Been Met

The scheduled 20-year planning increments for the Solid Waste Planning Unit (SWPU) remain current. However, the year 2014 had been projected as an approximate milestone at which point a needs assessment should be performed. This is now projected for 2022 due in part to both the economic downturn and the transfer of a portion of the County's commercial waste out of the SWPU to a newly "renovated" landfill in nearby Lunenburg County. The needs assessment will determine whether an expansion of the current landfill is in order versus an alternative technology or means to manage the generated municipal solid waste (MSW).

C. The Projected 20-year Waste Management Capacity Remains Available or the Projects Designed to Meet the Required Capacity are on Schedule

The projected 20-year waste management capacity remains available to the municipalities comprising the SWPU. If anything, the downturn in the economy and the accompanying reduction in solid waste quantities generated (as demonstrated by the SWIA Reports) and the transport of a portion of the commercial wastes generated in Prince Edward County to Lunenburg County have prolonged the utilization of the available airspace (capacity) at the Prince Edward County Landfill and other disposal facilities available to the SWPU.

If you have any questions relative to this Plan Update Certification, please do not hesitate to call me at (434) 392-8837 or Ed Hollos of Resource International at (804) 550-9245.

Sincerely,

W.W. Bartlett
County Administrator

Incl

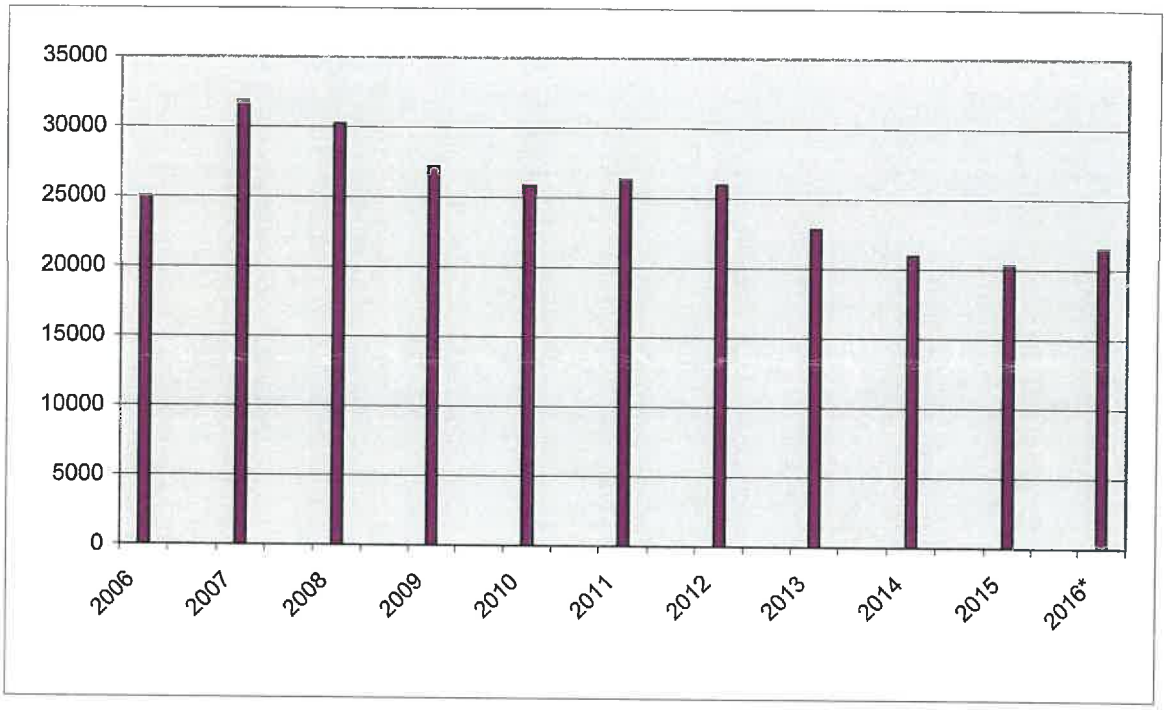
cc: Sarah Elam Puckett (Prince Edward County)
Ed Hollos (Resource International)
Aziz Farahmand (VDEQ)

Prince Edward County Landfill Disposal History from SWIA Reports	
Year	Tons Landfilled
2006	25,004
2007	31,840
2008	30,217
2009	27,156
2010	25,810
2011	26,349
2012	25,921
2013	22,806
2014	20,922
2015	20,313
2016* *Projected based	21,480 upon 10 months

Solid Waste Projections for 2010 from Solid Waste Plan (tons/year)	
MSW Generation Based Upon 4.51 lbs/capita/day	28,150
MSW Generation Based Upon Extrapolation of Weight Records and Population Projections	29,750

Waste Character Comparison of Plan Versus 2015 SWIA Report (%)		
	Plan	SWIA
Construction/ Demolition Debris	7.4+/-	8.5+/-
Land Clearing Debris	1.5+/-	3.4+/-
Industrial Waste	0.3+/-	0.4+/-
Tires	0.1+/-	0.1+/-

Prince Edward County Landfill Disposal History from SWIA Reports	
Year	Tons Landfilled
2006	25,004
2007	31,840
2008	30,217
2009	27,156
2010	25,810
2011	26,349
2012	25,921
2013	22,806
2014	20,922
2015	20,313
2016*	21,480



From:	Don Unmussig
To:	Prina Chudasama; Sanjay Thirunagari
Cc:	Lynn Klappich
Subject:	Letters
Date:	Friday, July 24, 2020 11:02:29 AM
Attachments:	20 0724 5 Year Update Cumberland PE.pdf 16 1216 - Prince Edward - SWMP - 2016 DEQ Certification letter.pdf

ATTENTION: Email sent from outside DAA.

Prina,

Attached are the updated 5 year update letter and the copy of the PE 2016 letter. Please call me if you have any questions on this, have a great weekend.

Don Unmussig, Jr.
County Administrator
Cumberland County, Virginia
1 Courthouse Circle, Post Office Box 110
Cumberland, Virginia 23040
Telephone 804.492.3625
Facsimile 804.492.9224

County of Cumberland Virginia

1 Courthouse Circle | P.O. Box 110
Cumberland. Virginia 23040
Telephone 804 492 3800
Facsimile 804 492 9224
info@cumberlandcounty.virginia.gov
www.cumberlandcounty.virginia.gov

Brian Stanley District 1 | Ron Tavernier District 2 | Eurika Tyree District 3 | Eugene "Gene" Brooks District 4 | Robert Saunders Jr District 5

July 24, 2020

Letter sent electronically to: prina.chudasama@deq.virginia.gov
(A hard copy will not be sent unless requested.)

Ms. Prina Chudasama
Litter and Recycling Program Coordinator
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23219

RE: Prince Edward County - Cumberland County - Solid Waste Planning Unit
Solid Waste Management Plan (SWMP) 5-Year Certification - Update
December 16, 2016 Certification
Draper Aden Associates Project No.: 18020117-090102

Dear Ms. Chudasama:

On December 16, 2016, Prince Edward County submitted a certification letter (on behalf of the Solid Waste Planning Unit (SWPU)) indicating that *"the approved Solid Waste Management Plan (originally approved by the VDEQ on January 5, 2007) remains current and appropriate for Solid Waste Management within the Planning Unit for the foreseeable future."* (Attachment 1) Given the original approval date, certification would have been required to be submitted on or before January 5, 2017. It would appear that given the date of the 2016 certification letter that it represented the submittal due in 2017. Review of this letter would indicate that this statement was generally true in the context of that time.

However, based on our discussion on July 23, 2020, Cumberland County now understands that DEQ has a specific concern with **Item C - The Projected 20-year Waste Management Capacity Remains Available or the Projects Designed to meet the Required Capacity are on Schedule** of that letter. Under this heading, the letter reads as follows:

The projected 20-year waste management capacity remains available to the municipalities comprising the SWPU, If anything, the downturn in the economy and the accompanying reduction in solid waste quantities generated (as demonstrated in the SWIA reports) and the transport of a portion of the commercial wastes generated in Prince Edward

County to Lunenburg County have prolonged the utilization of the available airspace (capacity) at the Prince Edward County Landfill and other disposal facilities available to the SWPU. (Underline added)

In our discussion, on July 23, 2020, DEQ indicated that their specific concern related to the 2016 SWIA information. SWIA information as reported to DEQ by Prince Edward County for the Permit 584 facility for the years 2015 through 2017 is summarized below:

TABLE 1
SUMMARY OF PRINCE EDWARD LANDFILL - PERMIT NO. 584
2015 THROUGH 2017
SWIA INFORMATION - AS REPORTED BY DEQ

YEAR	LANDFILL TONNAGE (Calendar year indicated)	TONS PER DAY 6-DAYS/WK (**Calculated)	REMAINING CAPACITY (Tons) (*Calculated by DEQ)	YEARS REMAINING (Reported by landfill)
2015	17,966	58	9,220	1.5
2016	18,292	59	95,600	8.0
2017	25,075	80	197,588	7.5

**DEQ calculation based on reported capacity in cubic yards and assumed density of 1,000 pounds per cubic yard.*
*** Tons per day is not part of SWIA reporting but provided in this table for discussion below. Does not consider holidays.*

Thus, in regards to the Prince Edward Landfill, Permit 584, it is true that the facility did not report twenty years of capacity at the time of the original letter. Indeed, Permit Modification No. 11 (10/28/15) for this facility indicates an estimated site life until 2025 assuming 100 tons per day (At the time of the letter, the tonnage was approximately 40% below the assumed rate so the life would be extended beyond this year if the trend held; but still not meet the 20 years required.)

However, the statement quoted from the letter does go on to reference *"other disposal facilities available to the SWPU."* Logical choices for these *"other disposal facilities"* would be private landfills including: Disposal and Recycling Services of Lunenburg, Maplewood (WMX), Brunswick (Republic), Old Dominion (Republic) and Shoosmith landfills. These landfills had the following reported years remaining for 2015 through 2017 as follows:

TABLE 2
SUMMARY OF SWIA INFORMATION
SELECTED PRIVATE LANDFILLS
2015 THROUGH 2017
SWIA INFORMATION - AS REPORTED BY DEQ

FACILITY	2015 YEARS REMAINING (Reported)	2016 YEARS REMAINING (Reported)	2017 YEARS REMAINING (Reported)
Disposal and Recycling Services of Lunenburg	12.8	6	5
Maplewood	131	148	150
Brunswick	362	168	103
Old Dominion	4	2	34
Shoosmith	33	32	31

Thus, considering the availability of private landfills, there does appear to have been 20 years of capacity existing at the time of the December 16, 2016 letter that could potentially be tapped by the SWPU over the planning period.

With that said, it is understood, that the SWPU must consider the planning for the next 5 - 10 years very closely to assure adequate disposal capacity for the 20 year planning period. Under separate cover, DEQ will be receiving a major amendment to the SWPU Solid Waste Management Plan which will address the activities to be considered.

We hope that this response addresses the expressed concerns by DEQ relative to Item C. Should you have any questions, please do not hesitate to contact me.

Sincerely,

Don Unmussig, Jr.
County Administrator
Cumberland County, Virginia

BOARD OF SUPERVISORS

Howard F. Simpson
Chairman
Robert M. Jones
Vice Chairman
Pattie Cooper-Jones
Calvin L. Gray, Th.D.
Odessa H. Pride, Ed.D.
C. Robert Timmons, Jr.
Jerry R. Townsend
James R. Wilck

COUNTY OF PRINCE EDWARD, VIRGINIA

COUNTY ADMINISTRATOR

W.W. Bartlett

Post Office Box 382
111 South Street, 3rd Floor
Farmville, VA 23901

Office: (434) 392-8837
Fax: (434) 392-6683

wbartlett@co.prince-edward.va.us
www.co.prince-edward.va.us

December 16, 2016

RECEIVED

DEC 22 16

VDEQ - ORP

Mr. Sanjay Thirunagari
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219

Re: Solid Waste Management Plan Update Certification Letter for the Prince Edward County and Cumberland County Solid Waste Planning Unit (SWPU)

Dear Mr. Thirunagari:

In accordance with the requirements of the Solid Waste Management Plan 5-Year Update Guidance Memo (04-2009), Prince Edward County provides the following certifications that the approved Solid Waste Management Plan (originally approved by the VDEQ on January 5, 2007) remains current and appropriate for Solid Waste Management within the Planning Unit for the foreseeable future. The referenced guidance memo asks that the following three items be reviewed and evaluated and each item specifically named and accompanied by a statement affirming that the item has been maintained and updated.

A. Waste generation estimates are current, both in quantities generated and composition.
B. The scheduled 20-year planning increments have been met.
C. The projected 20-year waste management capacity remains available or the projects designed to meet the required capacity are on schedule.

Before verifying these items in a manner consistent with the Guidance Memo, it is worth noting that there is one minor difference in the way Cumberland County manages the MSW generated within its jurisdictional boundaries. Although having been permitted, the private MSW landfill once proposed for Cumberland County apparently will not be constructed in the foreseeable future, if at all, according to Cumberland County staff. This is an apparent result of the economic downturn that the Country experienced. Cumberland County had anticipated taking all of its MSW to this facility once it opened. The County's MSW is now being transported north to the Van der Linde Recycling Facility at Zion Crossroads in nearby Fluvanna County.

A. Waste Generation Estimates are Current, Both in Quantities Generated and Composition

The waste generation estimates presented in the Solid Waste Management Plan remain current relative to Composition, but the Quantity on an annual basis has decreased. The attached tables comparing actual quantities of wastes received (from County and/or SWIA Reports) to the projected amounts that appear in the Solid Waste Management Plan demonstrate this. The result is that the life of the landfill has been extended proportionately. Item B explains the reason for the decrease in waste tonnage received at the landfill.

B. The Scheduled 20-year Planning Increments Have Been Met

The scheduled 20-year planning increments for the Solid Waste Planning Unit (SWPU) remain current. However, the year 2014 had been projected as an approximate milestone at which point a needs assessment should be performed. This is now projected for 2022 due in part to both the economic downturn and the transfer of a portion of the County's commercial waste out of the SWPU to a newly "renovated" landfill in nearby Lunenburg County. The needs assessment will determine whether an expansion of the current landfill is in order versus an alternative technology or means to manage the generated municipal solid waste (MSW).

C. The Projected 20-year Waste Management Capacity Remains Available or the Projects Designed to Meet the Required Capacity are on Schedule

The projected 20-year waste management capacity remains available to the municipalities comprising the SWPU. If anything, the downturn in the economy and the accompanying reduction in solid waste quantities generated (as demonstrated by the SWIA Reports) and the transport of a portion of the commercial wastes generated in Prince Edward County to Lunenburg County have prolonged the utilization of the available airspace (capacity) at the Prince Edward County Landfill and other disposal facilities available to the SWPU.

If you have any questions relative to this Plan Update Certification, please do not hesitate to call me at (434) 392-8837 or Ed Hollos of Resource International at (804) 550-9245.

Sincerely,

W.W. Bartlett
County Administrator

Incl

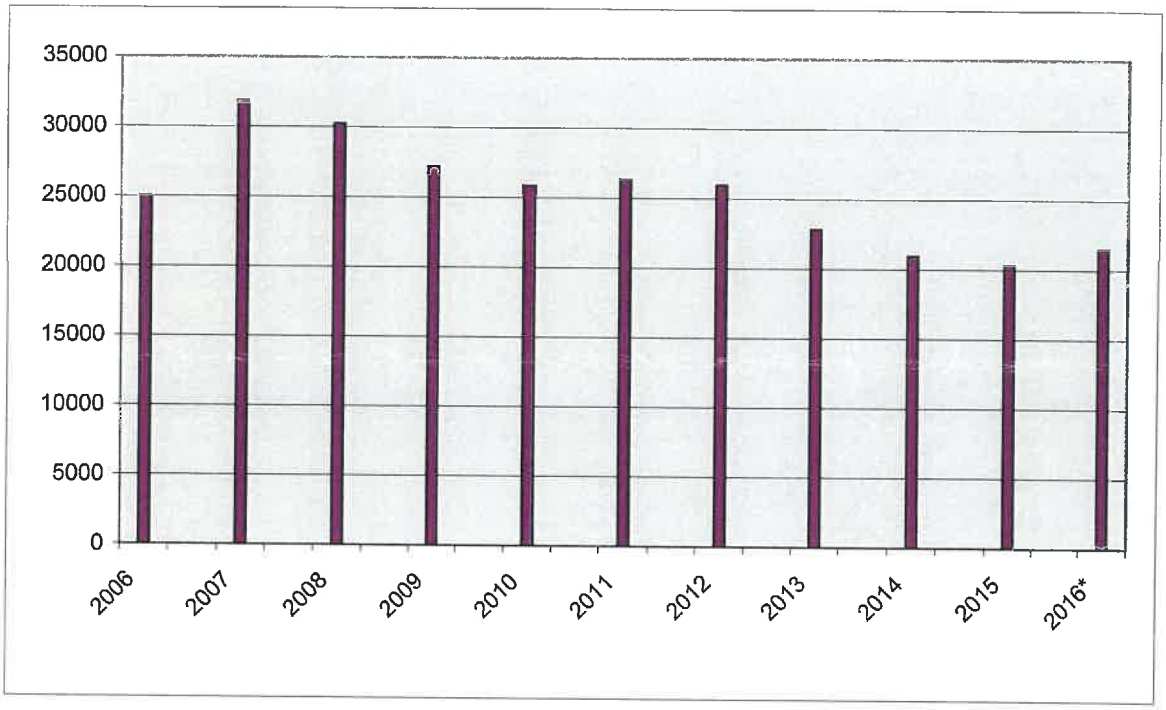
cc: Sarah Elam Puckett (Prince Edward County)
Ed Hollos (Resource International)
Aziz Farahmand (VDEQ)

Prince Edward County Landfill Disposal History from SWIA Reports	
Year	Tons Landfilled
2006	25,004
2007	31,840
2008	30,217
2009	27,156
2010	25,810
2011	26,349
2012	25,921
2013	22,806
2014	20,922
2015	20,313
2016* *Projected based	21,480 upon 10 months

Solid Waste Projections for 2010 from Solid Waste Plan (tons/year)	
MSW Generation Based Upon 4.51 lbs/capita/day	28,150
MSW Generation Based Upon Extrapolation of Weight Records and Population Projections	29,750

Waste Character Comparison of Plan Versus 2015 SWIA Report (%)		
	Plan	SWIA
Construction/ Demolition Debris	7.4+/-	8.5+/-
Land Clearing Debris	1.5+/-	3.4+/-
Industrial Waste	0.3+/-	0.4+/-
Tires	0.1+/-	0.1+/-

Prince Edward County Landfill Disposal History from SWIA Reports	
Year	Tons Landfilled
2006	25,004
2007	31,840
2008	30,217
2009	27,156
2010	25,810
2011	26,349
2012	25,921
2013	22,806
2014	20,922
2015	20,313
2016*	21,480



APPROVED JULY14, 2004

APPENDIX B
RESOLUTIONS OF PLAN APPROVAL

July 14, 2004

The following is an excerpt of the minutes of the regular meeting of the Prince Edward County Board of Supervisors held July 13, 2004.

In Re: Adoption of Prince Edward - Cumberland Solid Waste Management Plan

County Planner, Jonathan L. Pickett, reported that the Commonwealth of Virginia requires each locality, either individually or as part of a region, to adopt a solid waste management plan every five years. In past years, Prince Edward County was party to the Piedmont Planning District Solid Waste Management Plan. However, due to increased technical requirements, the Piedmont Planning District did not feel it could adequately develop a plan for the entire region. Therefore, Prince Edward County coupled with Cumberland County in a joint plan.

It was further explained that a required public hearing was held on June 28, 2004 with three residents in attendance. The residents commented they would like to see a manned convenience center in the Pamplin area, and be able to dispose of used motor oil and used anti-freeze at at least two of the convenience centers. Mr. Pickett indicated comments from the public hearing had been included in the final plan.

During discussion, Mr. Ward stated the Pamplin site had become an "eyesore" and asked if trash pickups could be increased. County staff was very aware of the problem, and Chairman Fore indicated he was actively trying to find land in order to relocate the site away from Route 460 where it is utilized by residents from Appomattox and Charlotte counties, as well as Prince Edward.

Mrs. Gilfillan suggested additional cans be installed. She was advised that six cans were on site but because of the size and configuration of the lot, the three front cans were often overflowing while relatively little was put in the back cans.

Board members also commented on the condition of the driveway and asked if it could be improved using County personnel and equipment. Mr. Pickett indicated he would look into it.

Mr. Moore moved adoption of the Solid Waste Management Plan. The motion carried by the following vote:

Aye: Pattie Cooper-Jones
William G. Fore, Jr.
Sally W. Gilfillan
Robert M. Jones
Charles W. McKay
James C. Moore
Howard F. Simpson
Lacy B. Ward

Nay: None

CERTIFIED TRUE COPY

Mildred B. Hampton
County Administrator

COUNTY of
UMBERLAND
IRGINIA
UNDED • 1749

P.O. Box 110
mberland, Virginia 23040
(804) 492-3625 Phone
(804) 492-9224 Fax

At a regular meeting of the Cumberland County Board of Supervisors held the 13th day of July 2004, a public hearing was held to consider the draft of the Solid Waste Management Plan for Prince Edward and Cumberland Counties. On a motion by Mr. White and carried, the Board approved the solid waste management plan as presented, to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq., Amendment 1).

VOTE: Mr. Osl – aye
Mr. Petty – aye
Mr. Heaton – aye
Mr. White – aye
Mr. Womack – aye

A Copy – Teste:

Judy O. Hollifield
County Administrator

County Administrator
Judy O. Hollifield

ssistant Administrator
Sherry Swinson

County Attorney
Darvin E. Satterwhite

Board of Supervisors

illiam F. "Bill" Osl, Jr.
District 1

ffon C. "Cliff" White
District 2

Van H. Petty
District 3

lbert R. Womack
District 4

Jeremiah D. Heaton
District 5

"Cumberland County is an equal opportunity employer and service provider. Complaints of discrimination may be sent to the U.S. Secretary of Agriculture, Washington DC 20250. TTY phone # 804/492-3589."

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

Street address: 629 East Main Street, Richmond, Virginia 23219
Mailing address: P.O. Box 10009, Richmond, Virginia 23240
Fax (804) 698-4500 TDD (804) 698-4021
www.deq.state.va.us

Robert G. Burnley
Director

(804) 698-4000
1-800-592-5482

July 16, 2004

Mr. Jonathan L. Pickett
Prince Edward County, County Planner
P.O. Box 302
Farmville, VA 23901

Subject: **Solid Waste Management Plan for Prince Edward & Cumberland Counties**

Dear Mr. Pickett:

This letter is to acknowledge the receipt of the Solid Waste Management Plan for Prince Edward and Cumberland Counties by the Department of Environmental Quality on July 2, 2004. In accordance with 9 VAC 20-130-110.C, the Department will conduct its review no later than 90 days from the date of receipt. If not, the sender will receive notification as to when the review can be completed.

Thank you for the submission of your plan. If you have any questions about the progress of the review of your plan, please call me at 804-698-4218.

Sincerely,

DSG

Daniel S. Gwinner
Environmental Engineer Senior

cc: DEQ Regional Waste Compliance Manager
Edward J. Hollos; Resource International, LTD.; P.O. Box 6160; Ashland, VA 23005

Received
7-01-04

Work Plans

RECEIVED
DEQ FRONT DESK
2004 JUL -1 PM 4:27

Please
Check
P & P
Thanks

2007 SWMP

APPENDIX C
PUBLIC HEARING

COUNTY OF PRINCE EDWARD, VIRGINIA
WWW.CO.PRINCE-EDWARD.VA.US

POST OFFICE BOX 382, FARMVILLE, VA 23901
(434) 392-8837 VOICE • (434) 392-6683 FAX
INFO@CO.PRINCE-EDWARD.VA.US

June 16, 2004

Please run the following in the Frid. (June 18th) and Wed. (May 23rd) editions of *The Farmville Herald*:

PUBLIC NOTICE

Prince Edward County will hold a public hearing on June 28, 2004 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, County Planner at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Mildred B. Hampton, County Administrator

PUBLIC HEARING ON PRINCE EDWARD COUNTY / CUMBERLAND COUNTY "DRAFT" SOLID WASTE MANAGEMENT PLAN

7:00 PM
June 28, 2004
Supervisors' Board Room
County Court House Building
Farmville, Virginia 23901

Record of Comments or Questions

The Public Hearing was called to order by Jonathan Pickett of Prince Edward County at 7:00 PM. A copy of the sign-in sheet is attached. Three comments were received.

Comment 1

Was the issue of the land application of bio-solids on farmland within the County addressed in the Solid Waste Management Plan?

(The response by Mr. Jonathan Pickett, County Planner, was that the Solid Waste Plan deals with the management of municipal solid waste generated within the County and that the bio-solids land application issue was not part of this Plan.)

Comment 2

The Pamplin Roll-on/Roll-off site should have an operator or someone assigned to oversee activity at the site.

(The response by Mr. Pickett was that the site is currently planned to be upgraded to a manned public convenience center. The County was in the process of trying to find a suitable property on which to locate and build a convenience center.)

Comment 3

The County should consider a program to collect and recycle used motor oil and antifreeze. This could be accomplished on a "pilot" type basis at one of the public convenience centers.

(Mr. Pickett responded that this was an excellent idea and would be seriously considered by the County.)

Hearing Sign In Sheet

Barbara M. Glenn P.O Box 1122 Pamplin, VA

Mary H. Carwile - 1010 Rossee Mill Rd. Pamplin

Damien Fehrer, 188 Farmville Lake Rd., Farmville

Ltr: 90094.23

COUNTY of CUMBERLAND
VIRGINIA
FOUNDED • 1749

P.O. Box 110
Cumberland, Virginia 23040
(804) 492-3625 Phone
(804) 492-9224 Fax

At a regular meeting of the Cumberland County Board of Supervisors held the 13th day of July 2004, a public hearing was held to consider the draft of the Solid Waste Management Plan for Prince Edward and Cumberland Counties. On a motion by Mr. White and carried, the Board approved the solid waste management plan as presented, to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq., Amendment 1).

VOTE:
Mr. Osl – aye
Mr. Petty – aye
Mr. Heaton – aye
Mr. White – aye
Mr. Womack – aye

A Copy – Teste:

Judy O. Hollifield
County Administrator

County Administrator
Judy O. Hollifield

Assistant Administrator
Sherry Swinson

County Attorney
Darvin E. Satterwhite

Board of Supervisors

William E. "Bill" Osl, Jr.
District 1

Clifton C. "Cliff" White
District 2

Van H. Petty
District 3

Robert R. Womack
District 4

Jeremiah D. Heaton
District 5

"Cumberland County is an equal opportunity employer and service provider. Complaints of discrimination may be sent to the U.S. Secretary of Agriculture, Washington DC 20250. TTY phone # 804/492-3589."

PUBLIC HEARING ON PRINCE EDWARD COUNTY / CUMBERLAND COUNTY "DRAFT" SOLID WASTE MANAGEMENT PLAN

7:00 PM
July 13, 2004
Supervisors' Board Room
County Court House Building
Cumberland, Virginia 23040

Record of Comments or Questions

Only one oral comment was received by the County during the public hearing. This was from the person first listed on the attached "Sign Up Sheet". The other two individuals withdrew their request to speak. No written comments were received.

Comment

Cumberland County's Plan should not allow a new "commercial" solid waste landfill to be constructed within the County.

(1)

Solid Waste Management Plan

BOARD OF SUPERVISORS
PUBLIC HEARING
SIGN UP SHEET
(3 minute limit)

Date: 07-13-2004

Please Print

NAME	ADDRESS	PHONE	DISTRICT
✓ Nolan Reuth			
✓ Dwight Bakes		373-3140	
✓ DAN PEMPEL		391/125V	
~~Ray Rivera~~			

REPUBLIC - PERMIT 606 - FACILITY
2007 SWMP SUBMITTALS
PERMIT RESCINDED IN 2019

APPENDIX H
DOCUMENTATION OF PROPOSED NEW DISPOSAL FACILITY INCLUSION

CUMBERLAND COUNTY

69.12a

[redacted]

THE FARMVILLE HERALD
PO BOX 307
FARMVILLE VA 23901 0307

434-392-4151

THANK YOU FOR YOUR PROMPT PAYMENT
PLEASE INCLUDE ID# WITH PAYMENT

ID# 69

CUMBERLAND CO ADMINISTRATOR
PO BOX 110
CUMBERLAND VA 23040

[redacted]

	Balance Forward			627.00	
12/01/2006	LOCAL DISPLAY ADVERTISING	9.500	INCH	90.25 BOS	
12/01/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/06/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	9.000	INCH	85.50 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	10.000	INCH	95.00 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/20/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
12/21/2006	PAYMENT				475.00-
	CHECK 049575				
12/22/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/28/2006	QUOTED PRICE				152.00-
	BILLED IN ERROR, BELONGED TO HEALTH DEPT				
12/29/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
	Balance Due			684.00	

DATE REC'D 1-4-2007
DEPT APPROVAL
CO. ADMIN APPROVAL
CHECK # 49800
DATE PAID 1-9-07
BUDGET CODE 1101-3600

Current	30	60	90	90+
684.00	0.00	0.00	0.00	0.00

would have include Iran and that the U.S. must enter into dialogue with the country.

Asked if it was time for President Bush and British Prime Minister Tony Blair to change course, he responded: "I think we have to redefine the course, but I don't think that the alternative is between military victory, as defined previously, or total withdrawal.

ıve Quimby Group
r Real Estate Partner For Life.
id Quimby for additional information
6036 (C) & 804-365-8795 (F)

ad from the $150's
oran View on Piney Grove Road.
new home the way you like on 1+
today to pick out your:

available!
ilable no money down!
it – Call today get approved!

NOTICE OF PUBLIC HEARING

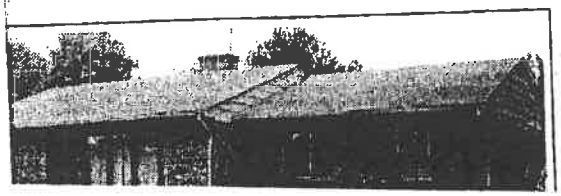
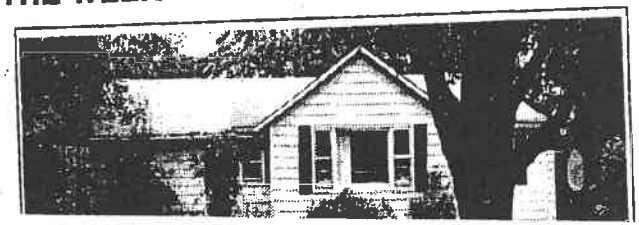
ON AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN FOR PRINCE EDWARD AND CUMBERLAND COUNTIES BY THE COUNTY OF CUMBERLAND, VIRGINIA

The Cumberland County Board of Supervisors will hold a public hearing, which may be continued or adjourned, as required under applicable law, on January 3, 2007 at 7:00 p.m. in the Circuit Courtroom of the Cumberland County Courthouse in connection with the intention of the Board of Supervisors to consider acceptance and adoption of amendments to the County's current Solid Waste Management Plan for Prince Edward and Cumberland Counties. The Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties. The amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County. The public is invited to appear and present their views, or submit written comments prior to the hearing, on the proposed amendments to the Solid Waste Management Plan, which are available for inspection between the hours of 8:30 a.m. and 4:30 p.m. in the County Administrator's Office. Any persons with disabilities are urged to contact the County Administrator's Office prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office at 804/492-3625.

Judy Ownby, County Administrator
By Order of the Cumberland County Board of Supervisors

MAX® Advantage Plus

Residential, Commercial, Land, Farms,
New Construction, and Property Management
"FEATURED LISTINGS OF THE WEEK"

Excerpt from the January 3, 2007
Meeting of the Cumberland County Board of Supervisors

b) Amendments to Solid Waste Management Plan
The Chairman opened the public hearing. There were three citizens signed up to speak in regards to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

The Chairman closed the public hearing.

The Chairman read a written statement from a citizen and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the State to have a Solid Waste Management Plan in place. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

On a motion by Mr. Womack and carried, the Board adopted the following resolution:

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all

certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Vote:	Mr. Osl – aye	Mr. White – aye
	Mr. Petty – aye	Mr. Womack – aye
	Mr. Oertel – aye	

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Dated: 1/3/07

Attested: Judy Owsley
Clerk, Board of Supervisors

BOARD OF SUPERVISORS
OF THE
COUNTY OF CUMBERLAND, VIRGINIA
RESOLUTION
AUTHORIZING AND APPROVING AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN

January 3, 2007

At a meeting of the Board of Supervisors of Cumberland County, Virginia, in the Circuit Courtroom of the Cumberland County Courthouse at Cumberland, Virginia commencing at 6:00 p.m., January 3, 2007, the following action was taken:

Following a presentation of the recitals and the resolutions for adoption and on a motion by Supervisor Womack and carried, the Board of Supervisors adopted and approved the Resolution according to the votes stated below:

Present:	Vote:
William F. Osl, Jr., Chairman	yes
Clifton C. White	yes
Van H. Petty	yes
Elbert R. Womack	yes
Robert J. Oertel	yes

Absent:

Dated: January 3, 2007

Attested: _____
Clerk, Board of Supervisors

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Provided pursuant to requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as Public Hearing Comments and the Submitter's Response as excerpted from the January 3, 2007, minutes of the Board of Supervisors meeting at which the public hearing was held regarding amendments to the Cumberland County Solid Waste Management Plan and as supplemented from materials received from the public by Cumberland County.

At the Second Public Hearing of the Meeting, on the Board Agenda, titled as, "Amendments to the Solid Waste Management Plan," the following occurred.

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments Received from the public are below:

Ron Sears – Cumberland County resident, French's Store Road
He asked why the residents on French's Store Road had not been included in the proposed private landfill process, since these residents would be directly impacted from the facility.

Tim Kennell – Cumberland County resident, The Woods, Rt. 60
He asked why the County needed another landfill. He further inquired why was the SWMP being revised before the DEQ permit was approved.

Kay Hooven – signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, Old Buckingham Road
She offered that she thinks that a landfill is not needed in the County and that the proposed landfill has bred contempt for the Board of Supervisors. Unrelated to the proposed private landfill, she asked that the Board allow more time to move the log cabin from its current site of the construction of the new Cumberland County High School/Middle School Complex.

The Chairman then closed the public hearing.

The Chairman read a written statement from a citizen, as attached hereto as Attachment A, and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the Commonwealth of Virginia to have an approved Solid Waste Management Plan. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

ATTACHMENT A

The following is an email correspondence from Carol Wright of Cartersville, Virginia, located in Cumberland County.

Judy Ownby

From: Carol Wright [carolwright@ceva.net]
Sent: Wednesday, January 03, 2007 10:29 AM
To: White, Clifton C. CSM NGVA; W. F. Osl, Jr.; Judy Ownby
Subject: Cumberland Solid Waste Management Plan

Dear Ms. Ownby and Distinguished Members of Cumberland Board of Supervisors,

I regret that I am unable to attend the public hearing regarding Cumberland's Solid Waste Management Plan, which I understand is scheduled for the evening of January 3, 2006.

Please read the following statement at the meeting to enter my comments into the public record.

At appears that the proposed solid waste management plan with Prince Edward County is an effort to mak a case for Cumberland's need for a mega landfill. Amelia's Mapewood Landfill has more than eighty-five years remaining capacity and lies less than seventy-five miles from Cumberland. The capacity meets the waste management needs of Cumberland in the foreseeable future and is located a reasonable distance from Cumberland.

In consideration of these facts, I am opposed to the proposed solid waste management plan.

Thank you.

Carol Wright

PRINCE EDWARD COUNTY

BOARD OF SUPERVISORS

WILLIAM G. FORE, JR.
CHAIRMAN

HOWARD F. SIMPSON
VICE-CHAIRMAN

SALLY W. GILFILLAN
PATTIE COOPER-JONES
ROBERT M. JONES
CHARLES W. MCKAY
JAMES C. MOORE
LACY B. WARD

COUNTY OF PRINCE EDWARD, VIRGINIA
WWW.CO.PRINCE-EDWARD.VA.US

COUNTY ADMINISTRATOR
MILDRED B. HAMPTON

POST OFFICE BOX 382
FARMVILLE, VA 23901

(434) 392-8837 VOICE

(434) 392-6683 FAX

SHAMPTON@
CO.PRINCE-EDWARD.VA.US

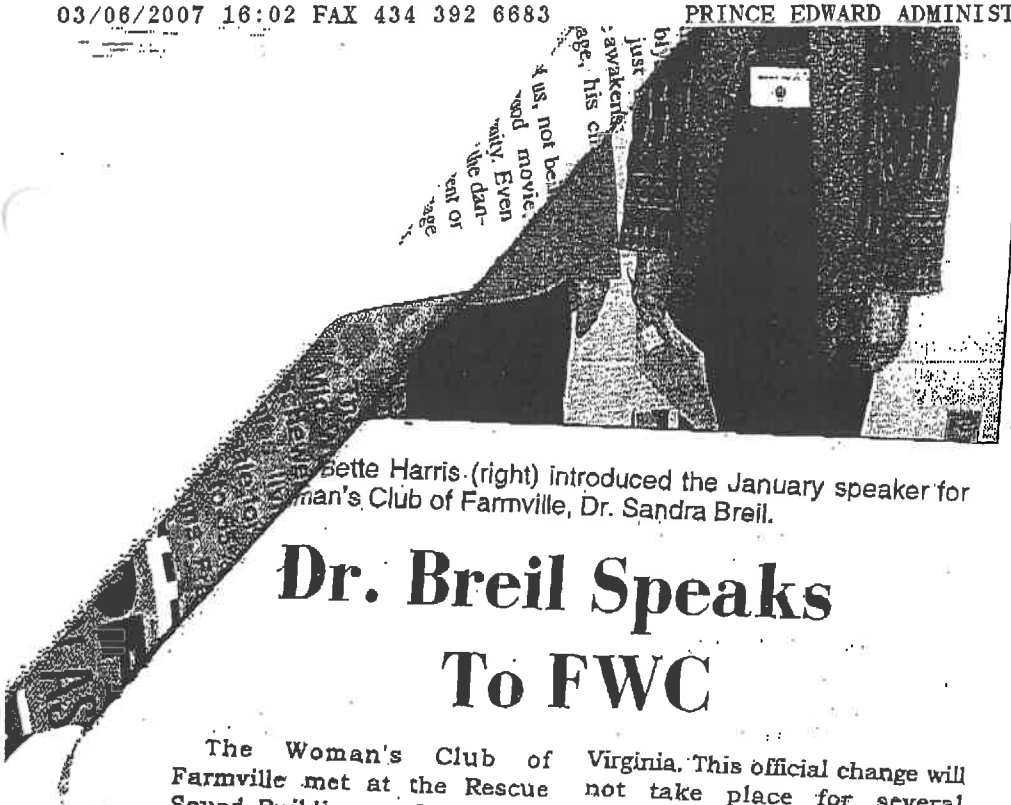
January 10, 2007

Please run the following in the Friday Jan. 12th & 19th editions of *The Farmville Herald*:

PUBLIC NOTICE

Prince Edward County will hold a public hearing on January 24, 2007 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, Planning Director at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Sarah E. Puckett, Acting County Administrator



Bette Harris (right) introduced the January speaker for man's Club of Farmville, Dr. Sandra Breil.

Dr. Breil Speaks To FWC

The Woman's Club of Farmville met at the Rescue Squad Building on Jan. 3 at 3 p.m. The program, under the International Department, was Dr. Sandra Breil, retired Longwood professor of biology, who was introduced by Dr. Bette Harris, chairman of the International Department of the Club.

Dr. Breil spoke about her travels and experiences with Earthwatch. Dr. Briel has participated in projects with this group in such places as Iceland, Australia, England and other locations. Dr. Briel's talk and slides of her work were enjoyed by the members.

The members present voted to add GFWC to the name of the Club, as encouraged by GFWC Virginia. This official change will not take place for several months.

The Club also held a shower of "Books for Babies," collecting 58 books which were donated to the nursery of Southside Community Hospital for distribution to new mothers. Giving books to new mothers is an ongoing project to encourage mothers to begin reading to their infants.

The next meeting of the Woman's Club of Farmville will be Feb. 7 at the Rescue Squad Building at 2:30 p.m. Members are to bring material for making valentines. Also, those who wish to display their craft-making talents are to take their projects to the Rescue Squad Building between noon and 2 p.m.

PUBLIC NOTICE

Prince Edward County will hold a public hearing on January 24, 2007 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, Planning Director at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Sarah E. Puckett, Acting County Administrator

[redacted]

Color

Did you know colo
among all cancers?
cancer is one of the
if found early enou
forms of cancer. A
screening is recom
at age 50. If you ha
colorectal cancer, i
colonoscopies earl

Help increase awa
friends and in you
or older, talk to yo
a colonoscopy.

For more informati
visit our website at

It could

[redacted]

February 14, 2007

The following is an excerpt of the minutes of the regular meeting of the Prince Edward County Board of Supervisors held February 13, 2007.

In Re: Regional Solid Waste Management Plan

Mr. Jonathan Pickett reported that on July 13, 2004, the Board adopted the Prince Edward - Cumberland Solid Waste Management Plan. Since that adoption, Cumberland County proposed a major change in its Solid Waste Management System with the development of a private landfill. Due to the magnitude of the change in the plan, the State required the plan be amended. In order to do so, a public hearing by both localities and action by both governing bodies was required.

Mr. Pickett advised that Cumberland County had already held a public hearing and adopted the amended plan. He also advised that Prince Edward County held a public hearing on January 24, 2007 and no citizens attended. Therefore, due to lack of public comment and the fact the Prince Edward portion of the plan was not changing, Mr. Pickett recommended the Board adopt the amended plan.

Supervisor Gilfillan stated that since no one attended the County's hearing, all future public hearings be held during regular Board meetings.

After some further discussion, a motion was made by Mr. Jones that the Prince Edward Board of Supervisors adopt the amended Prince Edward – Cumberland Solid Waste Management Plan. The motion carried:

Aye: Pattie Cooper-Jones.
William G. Fore, Jr
Sally W. Gilfillan
Robert M. Jones
Charles W. McKay
James C. Moore
Howard F. Simpson
Lacy B. Ward

Nay: None

CERTIFIED TRUE COPY

Sarah Elam Puckett
Acting County Administrator

69.12a

THE FARMVILLE HERALD
PO BOX 307
FARMVILLE VA 23901 0307

434-392-4151

THANK YOU FOR YOUR PROMPT PAYMENT
PLEASE INCLUDE ID# WITH PAYMENT

ID# 69

CUMBERLAND CO ADMINISTRATOR
PO BOX 110
CUMBERLAND VA 23040

	Description	Units		Credit
	Balance Forward			627.00
12/01/2006	LOCAL DISPLAY ADVERTISING	9.500	INCH	90.25 BOS
12/01/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/06/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	9.000	INCH	85.50 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	10.000	INCH	95.00 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/20/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
12/21/2006	PAYMENT			475.00-
	CHECK 049575			
12/22/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/28/2006	QUOTED PRICE			152.00-
	BILLED IN ERROR, BELONGED TO HEALTH DEPT			
12/29/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
	Balance Due			684.00

DATE REC'D 1-4-2007
DEPT APPROVAL _____
CO. ADMIN APPROVAL
CHECK # 49800
DATE PAID 1-9-07
BUDGET CODE 1101 0-3600

Current	30	60	90	90+
684.00	0.00	0.00	0.00	0.00

would have ... include Iran and that the U.S. must enter into dialogue with the country.

Asked if it was time for President Bush and British Prime Minister Tony Blair to change course, he responded: "I think we have to redefine the course, but I don't think that the alternative is between military victory, as defined previously, or total withdrawal.

ıve Quimby Group
r Real Estate Partner For Life.
id Quimby for additional information
6036 (C) & 804-365-8795 (F)

ad from the $150's
oran View on Piney Grove Road.
new home the way you like on 1+
today to pick out your:

available!
ilable no money down!
it – Call today get approved!

NOTICE OF PUBLIC HEARING

ON AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN FOR PRINCE EDWARD AND CUMBERLAND COUNTIES BY THE COUNTY OF CUMBERLAND, VIRGINIA

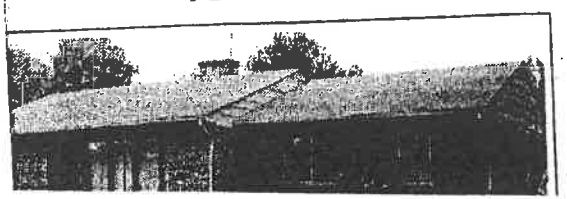
The Cumberland County Board of Supervisors will hold a public hearing, which may be continued or adjourned, as required under applicable law, on January 3, 2007 at 7:00 p.m. in the Circuit Courtroom of the Cumberland County Courthouse in connection with the intention of the Board of Supervisors to consider acceptance and adoption of amendments to the County's current Solid Waste Management Plan for Prince Edward and Cumberland Counties. The Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties. The amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County. The public is invited to appear and present their views, or submit written comments prior to the hearing, on the proposed amendments to the Solid Waste Management Plan, which are available for inspection between the hours of 8:30 a.m. and 4:30 p.m. in the County Administrator's Office. Any persons with disabilities are urged to contact the County Administrator's Office prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office at 804/492-3625.

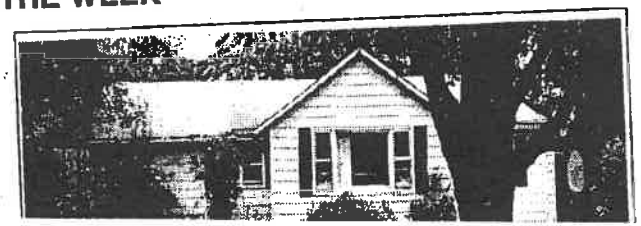
Judy Ownby, County Administrator
By Order of the Cumberland County Board of Supervisors

MAX® Advantage Plus

Residential, Commercial, Land, Farms,
New Construction, and Property Management

"FEATURED LISTINGS OF THE WEEK"





Excerpt from the January 3, 2007
Meeting of the Cumberland County Board of Supervisors

b) Amendments to Solid Waste Management Plan
The Chairman opened the public hearing. There were three citizens signed up to speak in regards to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

The Chairman closed the public hearing.

The Chairman read a written statement from a citizen and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the State to have a Solid Waste Management Plan in place. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

On a motion by Mr. Womack and carried, the Board adopted the following resolution:

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all

certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Vote:	Mr. Osl – aye	Mr. White – aye
	Mr. Petty – aye	Mr. Womack – aye
	Mr. Oertel – aye	

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Dated: 1/3/07

Attested: Judy Owsley
Clerk, Board of Supervisors

BOARD OF SUPERVISORS
OF THE
COUNTY OF CUMBERLAND, VIRGINIA
RESOLUTION
AUTHORIZING AND APPROVING AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN

January 3, 2007

At a meeting of the Board of Supervisors of Cumberland County, Virginia, in the Circuit Courtroom of the Cumberland County Courthouse at Cumberland, Virginia commencing at 6:00 p.m., January 3, 2007, the following action was taken:

Following a presentation of the recitals and the resolutions for adoption and on a motion by Supervisor Womack and carried, the Board of Supervisors adopted and approved the Resolution according to the votes stated below:

Present:	Vote:
William F. Osl, Jr., Chairman	yes
Clifton C. White	yes
Van H. Petty	yes
Elbert R. Womack	yes
Robert J. Oertel	yes

Absent:

Dated: January 3, 2007____

Attested: _____
Clerk, Board of Supervisors

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY
AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Provided pursuant to requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as Public Hearing Comments and the Submitter's Response as excerpted from the January 3, 2007, minutes of the Board of Supervisors meeting at which the public hearing was held regarding amendments to the Cumberland County Solid Waste Management Plan and as supplemented from materials received from the public by Cumberland County.

At the Second Public Hearing of the Meeting, on the Board Agenda, titled as, "Amendments to the Solid Waste Management Plan," the following occurred.

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments Received from the public are below:

Ron Sears – Cumberland County resident, French's Store Road
He asked why the residents on French's Store Road had not been included in the proposed private landfill process, since these residents would be directly impacted from the facility.

Tim Kennell – Cumberland County resident, The Woods, Rt. 60
He asked why the County needed another landfill. He further inquired why was the SWMP being revised before the DEQ permit was approved.

Kay Hooven – signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, Old Buckingham Road
She offered that she thinks that a landfill is not needed in the County and that the proposed landfill has bred contempt for the Board of Supervisors. Unrelated to the proposed private landfill, she asked that the Board allow more time to move the log cabin from its current site of the construction of the new Cumberland County High School/Middle School Complex.

The Chairman then closed the public hearing.

The Chairman read a written statement from a citizen, as attached hereto as Attachment A, and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the Commonwealth of Virginia to have an approved Solid Waste Management Plan. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

ATTACHMENT A

The following is an email correspondence from Carol Wright of Cartersville, Virginia, located in Cumberland County.

Judy Ownby

From: Carol Wright [carolwright@ceva.net]
Sent: Wednesday, January 03, 2007 10:29 AM
To: White, Clifton C. CSM NGVA; W. F. Osl, Jr.; Judy Ownby
Subject: Cumberland Solid Waste Management Plan

Dear Ms. Ownby and Distinguished Members of Cumberland Board of Supervisors,

I regret that I am unable to attend the public hearing regarding Cumberland's Solid Waste Management Plan, which I understand is scheduled for the evening of January 3, 2006.

Please read the following statement at the meeting to enter my comments into the public record.

At appears that the proposed solid waste management plan with Prince Edward County is an effort to mak a case for Cumberland's need for a mega landfill. Amelia's Mapewood Landfill has more than eighty-five years remaining capacity and lies less than seventy-five miles from Cumberland. The capacity meets the waste management needs of Cumberland in the foreseeable future and is located a reasonable distance from Cumberland.

In consideration of these facts, I am opposed to the proposed solid waste management plan.

Thank you.

Carol Wright

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Corrected Amendment

Response to
Department of Environmental Quality letter dated May 7, 2007 –
Daniel S. Gwinner, Environmental Engineer Senior
Office of Waste Technical Support, Waste Division

Referencing paragraph 2 of the Department of Environmental Quality letter dated May 7, 2007, please accept the following corrected amendment submission of the record of the public hearing held by Cumberland County on January 3, 2007, and information further responsive to questions DEQ has received from citizens regarding public participation in the development of the SWMP. This supplements the materials previously submitted.

Provided pursuant to the requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as a record of the public hearing, comments received, and the submitter's response.

Notice.
Cumberland County duly noticed the public in two different newspapers of general circulation that a public hearing on amendments to the Solid Waste Management Plan for the Prince Edward and Cumberland County Region would be held on January 3, 2007.

Public Hearing.
At the January 3, 2007 meeting (the "Meeting") of the Board of Supervisors, a public hearing was held regarding proposed amendments to the region's Solid Waste Management Plan. The comments received at the meeting are identified below and are verbatim from the voice recording of the Meeting. The only written comment received (Carol Wright of Cumberland County submitted a written comment prior to the Public Hearing) is attached as Attachment A. The Chairman of the Cumberland County Board of Supervisors, William F. Osl, Jr., responded to the comments following the public hearing and the Submitter further responds to the public participation process as set forth below.

Public Comment.
At the second public hearing of the Meeting, listed on the Board Agenda as, "Amendments to the Solid Waste Management Plan," the following occurred:

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments received from the public are below:

Ron Sears – Cumberland County resident, 825 French's Store Road

"Good evening. My name is Ron Sears and I live at 825 French's Store Road. I've got three points. Why is the Board so Hell bent on changing people's lifestyle with this landfill? That's one thing I want to know. Number two – does this Board realize that French's Store Road is in Cumberland County and they are excluded from decision making on this landfill? Nobody from French's Store Road has been asked anything about this landfill. That's it. Thank you."

Tim Kennell – Cumberland County resident, 58 The Woods

"Good evening. I am Tim Kennell, 58 The Woods. What need are we accomplishing in adopting a new waste disposal policy or amended when we are in the same waste disposal stream as Prince Edward and Amelia. It would seem the necessity for an amended would come only after a permitted landfill has passed DEQ and not before that time. What need do we have as a region to place yet another new landfill in the middle of a waste stream that seems to be working fine. In our region, both landfills in our region have an expected lifespan of a minimum of 20 years. Why does our region need another player in the stream? Thank you."

Kay Hooven – not present

Signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, 355 Old Buckingham Road

"I'm Nancy Faxon from 355 Old Buckingham Road, Cumberland. I have been going to some of the meeting. I'm kind of late in the game with this one. I have sort of sat back and thought that the landfill was something necessary but the more I learn about it the more that I just don't think it is the right move. It's done bred contempt against the Board. It's split the County and this is even before it's in the ground and it's not guaranteed that it will be safe. I'll be near it but like I said it hasn't bothered me before the more I researched into it and looked into it the more frightening it became and I don't believe the school complex has to be as big as planned. I spoke before. I don't want the school torn down and I really hope that you give the Ruritans time to get the log cabin out of there. It was built at a time when the County pulled together and the whole general feeling of the County just being so split and the all of the hurtful and contemptible things that are being said. You're supposed to be our leaders. It's sad to say that maybe some of the voters… I just hate to see it happen. I hate to see it happen over a trash pile. Thank you."

The Chairman then closed the hearing for additional verbal comment.

Written Comment.

Carol Wright – Cumberland County resident, Cartersville. At the Meeting, the Chairman of the Board of Supervisors, William F. Osl, Jr., read aloud the written comment received from Carol Wright – Cumberland County resident, Cartersville, as attached hereto as Attachment A.

Chairman's Response.

The Chairman then provided a response to the public comments by addressing the Meeting from the podium. The Response is in the Meeting minutes and is verbatim as follows:

"I would like to just let the citizens know that we are required by the state of Virginia to have a Solid Waste Management Plan. This is not an optional consideration on our part. As the last letter said, that they are opposed to the solid waste management plan – well I think they are opposed to, obviously, the same issues that other people have raised and that is the landfill component of the Solid Waste Management Plan. We are required to do that and to answer the timing question, we are required by Department of Environmental Quality to make the revisions to the Solid Waste Management Plan before the permitting process can continue. We can't wait until some later point in time to do it. Otherwise the permitting process cannot go forward so it needs to be done as a requirement from the state to do so."

Public Participation Process.

In addition to the above public hearing process on the proposed amendment to the Solid Waste Management Plan, the level of citizen involvement in the proposed siting of the private landfill has been unprecedented. Among other meetings held by the Submitter to discuss and offer public comment regarding the proposed private landfill facility, the County Planning Commission duly advertised and held public workshops and hearings on September 6, September 11, September 18 and October 10, 2006. The County Board of Supervisors duly advertised and held a public hearing on October 17, 2006. At each of these meetings, hearings, and workshops, the public was invited to voice any comments or concerns regarding matters surrounding the siting of a proposed private landfill facility in the County. County officials have attempted to address all matters raised at these meetings. Additionally, DEQ representatives were present at some of the referenced meetings and have assisted in answering questions raised by the public.

The public hearing on January 3, 2007 provided opportunity to the citizens to comment specifically on the region's Solid Waste Management Plan and the proposed amendment to the previously approved plan. Public comment overwhelmingly concerned the siting of the proposed landfill, which has been addressed by Submitter on numerous occasions as set forth above. The comments were not addressed at any other aspects of the plan. Therefore, at the meeting, the Chairman generally discussed the process and requirements for amending the Solid Waste Management Plan and the need to do so prior to obtaining the permits for any new facility.

C-29

Direct Dial (804) 550-9245
ehollos@resourceintl.com
http://www.resourceintl.com

RESOURCE
INTERNATIONAL, LTD.
ENGINEERS • SCIENTISTS • SURVEYORS • PLANNERS

RECEIVED
JUL 3 - 2007
OFFICE OF HW - PERMITTING

June 29, 2007

P.N. 90094.23

Daniel S. Gwinner
Environmental Engineer Senior
Waste Division
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219

Re:Response to Department Request for Information on June 21, 2007 regarding Amendment 1 to the Solid Waste Management Plan for Prince Edward County and Cumberland County Region

Dear Mr. Gwinner:

On behalf of Prince Edward County and Cumberland County, Resource International is providing the following information pursuant to the conference call held on June 21, 2007 with you and Mr. Thirunagari of the Virginia Department of Environmental Quality ("DEQ") and Cumberland County representatives. The purpose of the conference call was for the County to respond to additional questions from DEQ relating to the public participation process on the referenced Solid Waste Management Plan Amendment.

Cumberland County desires to provide the following additional information to DEQ regarding public access to the Draft Amended Plan as a result of the additional questions raised on our June 21, 2007 conference call. We ask that DEQ accept this information as clarification to the County's response to your May 7, 2007 letter which such response was transmitted with our letter dated May 24, 2007.

In addition to the public notice information provided as described in the May 24th submission, please note that County representatives met with officials from DEQ on December 21, 2006 in order to finalize the proposed Plan Amendment. The final draft of the proposed Plan Amendment and supporting documentation were available to citizens for inspection in the County Administrator's office as of December 22, 2006.

On information and belief and review of County records, the County Administrator received only one request to review the proposed Plan Amendment. The documentation related to the proposed Plan Amendment was provided via U.S. Mail to such citizen inquiry at least one week prior to the date of the public hearing held on January 3, 2007.

Upon review of all public comments received at the public hearing on January 3, 2007, no comment was received from any citizen raising concern that the text of the proposed Plan Amendment was not timely received or available for review.

It is our understanding, that upon receipt of the above information, all questions regarding the proposed Plan Amendment will have been satisfactorily addressed and we trust that DEQ has no further questions with regard to such Plan Amendment.

Thank you again for your time last week by telephone. Both Prince Edward County and Cumberland County look forward to receiving approval of the Amended Solid Waste Management Plan.

Sincerely,

Edward J. Hollos, P.E.
Project Manager

/af

cc: Judy Ownby, Cumberland County
Howard Estes, Woods Rogers
Jonathan Pickett, Prince Edward County
Matt Biesterveld, DEQ SCRO

Appendix C

Documentation Relative to Major Amendment and Update

Ordinance passed

BY EMILY HOLLINGSWORTH
The Farmville Herald

FARMVILLE

Members of the Farmville Town Council voted to approve an ordinance Dec. 12 that would allow an electronic summons fee for those in criminal and traffic cases where the defendant is convicted of a violation.

Ordinance No. 191, Electronic Summons System Fee; Amount; Administration, states that "in addition to any other fees prescribed by law, a fine in the amount of $5 in each criminal and traffic case in which the defendant is convicted of a violation of any statute of the Commonwealth or any ordinance of the town in either the General District Court or Circuit Court of Prince Edward County or Cumberland County when the action that gave rise to the criminal charge or traffic violation occurred within the Town of Farmville."

"The clerk of court in which the action is concluded shall collect the assessment and remit it to the town treasurer," the ordinance continued. "The Treasurer shall disburse such funds to the Farmville Police Department for the purpose of funding software, hardware and associated equipment costs for the implementation and maintenance of an electronic summons system in accordance with Section 17.1-279.1 of the Code of Virginia, 1950, as amended."

A portion of the code reads, "Any county, city or town, through its governing body, may assess an additional sum not in excess of $5 as part of the costs in each criminal or traffic case in the district or circuit courts located where such cases are brought in which the defendant is charged with a violation of any statute or ordinance, which violation in the case of towns arose within the town."

No one spoke during the public hearing for the ordinance.

'A uniting community effort'

BY EMILY HOLLINGSWORTH
The Farmville Herald

FARMVILLE

More than 400 baskets containing needed essentials were distributed to area seniors just in time for Christmas, thanks to the donations, time and goodwill of numerous organizations, individuals and three legislators.

Jordan Miles, director of transportation and nutrition with Piedmont Senior Resources (PSR) Area Agency on Aging, said the agency has been collecting items that senior citizens in the seven-county area need the most and delivering them just in time for the holiday season.

The Christmas bags and baskets, which contain toilet papers, paper towels, shampoo, soap, lap blankets, canned foods, toothbrushes, toothpaste and denture cleaner, began as a project from Subaru's Share the Love program.

Subaru, through the program, donates portions of its vehicle sales to four charities, one of which includes Meals on Wheels.

PSR, being a Meals on Wheels member, is eligible for the grant, and has received funds from the grant before. The grant allows PSR to continue its meal delivery services.

Miles said PSR drivers have distributed the baskets and bags this week, and have brought heartwarming stories back to the office about the reaction from senior clients who received them.



Representatives of Piedmont Senior Resources (PSR) and volunteers gather to package essentials for seniors in need. Pictured are, from left, seated, Darrell Person portraying Santa Claus; second row, Laura Gaston, Caroline Edmunds, Nikki Dean, Mary Estes; back row, April Ross, State Sen. Mark Peake, Melvin Hodges, Del James Edmunds, Justine Young, Andrew Hill, Michelle Temple, Guy Matthews, Rachel Dove and Lexie Sprague.

"Many of our clients were just in complete awe of what we have in the bags," Miles said. "They were just so happy to get it. Many of them said it was their only Christmas gift that they would get all year."

"It really does warm my heart, and all of our hearts when it comes to giving, in terms of the donations we get," Miles said.

"Many of the elderly clients we serve retired 20-40 years ago," PSR Executive Director Justine Young said. "Their retirement income is static, and costs have escalated. The gifts we deliver make a big difference and are often the only thing these individuals receive for Christmas. 85 percent live alone and cannot drive."

"We love the opportunity to deliver a little joy with the help of our community during the wonderful holiday season," Young continued.

Miles said organizations large and small, such as area churches, title sponsor Real Living Cornerstone and Navona Hart, and Centra Southside Community Hospital have given generously toward the senior gift program.

Two dentists in Buckingham County, Miles said, donated toothbrushes and toothpaste.

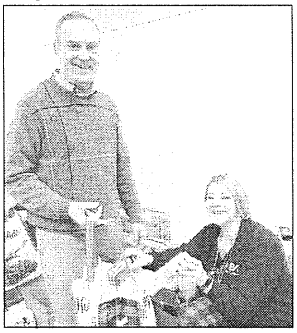
"It's been a real uniting community effort throughout the seven counties to serve our seniors," Miles said.

The program culminated into a packaging event at the PSR office in Farmville last Friday, where volunteers and organizations gathered to help package supplies.

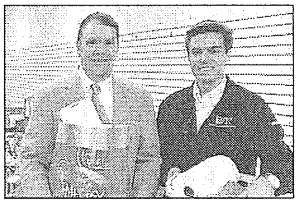
Those who attended included three Virginia legislators. State Sen. Mark Peake, district 61 Del. Tommy Wright and district 60 Del. James Edmunds. Edmunds' daughter, Caroline, helped package baskets.

Miles said there are some leftover supplies, which will be distributed throughout the year to senior clients in need. Miles said, for example, if a client was displaced from his or her home due to a burst pipe at home, the client may be lacking the necessities that they kept at home, such as toothbrushes and other toiletry items. PSR can donate those needed items after assessing the situation.

"We'll continue to help," Miles said. "It won't stop after Christmas Day."



The Rev. Tom Robinson, left, helps packages essentials for seniors with Nikki Dean.



Del. Tommy Wright, left, helps package gift baskets with Piedmont Senior Resources (PSR) Director of Transportation and Nutrition Jordan Miles.

CUMBERLAND COUNTY BOARD OF SUPERVISORS NOTICE OF PUBLIC HEARING

Notice is hereby given pursuant to § 9 VAC 20-130-130, that on January 8, 2019, the Cumberland County Board of Supervisors will conduct a public hearing, which may be continued or adjourned, as required under applicable law, with respect to the adoption by the Board of a major plan amendment to the Amended Prince Edward County & Cumberland County Solid Waste Management Plan dated March 6, 2007 to remove the proposed Cumberland County Development Company, LLC solid waste management facility and add in its stead the Green Ridge Recycling and Disposal Facility, LLC, including all references to, and information regarding, each respective facility.

The public hearing, which may be continued or adjourned, will be conducted at 7:00 p.m., or as soon thereafter as the matter may be heard by the Board of Supervisors in the Circuit Courtroom of the Cumberland County Courthouse, Cumberland County, Virginia. Interested persons may appear at such time and place and present their views whether orally or in writing, or submit written comments prior to the hearing. The Board may set time limits on speakers and other rules and procedures for the conduct of this public hearing. Any persons with disabilities are urged to contact the County Administrator's Office at (804) 492-3625 prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office.

Vivian Giles, County Administrator
By Order of the Cumberland County Board of Supervisors

An Advertising Proposal You Can't Resist

Looking for a way to connect with more bridal business? "I Do" is an advertising opportunity designed to help you do just that. Filled with informative and engaging features, this special section is an ideal vehicle to showcase your bridal products and services to a targeted local audience of brides-to-be.



"I Do"
A Bridal Guide
A Special Section From
The Farmville Herald
THE KENBRIDGE VICTORIA DISPATCH
The Charlotte Gazette

Learn more today!
Call: Jackie, Debbie or Ms. KiKi
434-392-4151 or email
advertising@farmvilleherald.com
Advertising Deadline: January 18th
Issue Date: January 30th

SIMMONS MONUMENT COMPANY
www.simmonsmonument.com
• Granite • Marble • Bronze
L. E. SIMMONS MONUMENT CO., INC.
HWY. 460-49, P.O. Box 1, Crewe, VA 23930
Award Winning Designers And Craftsmen
With A+ Rating
434-645-7770 or 1-800-472-7770

MARTIN MONUMENT COMPANY
Keysville, VA
434-736-9489
"Excellence Etched in Stone"
• Monuments • Private Markers • On-Site Consultations • Memorial Cleaning • Ceramic Photograph Plaques • Cremation • Mausoleums • Granite Benches • Bronze Plaques & Plaque Signs • Public Monuments • Pet Memorials • Fully Custom Designs
Hours of Operation: Monday - Friday 8:00AM - 5:00PM, After Hours by Appointment
Family Owned Since 1977 • Lowest Price Guarantee • 100% Satisfaction Guarantee • Superior Quality & Design
www.martinmonument.com

CEDS: 'Help the business owners'

FROM PAGE ONE

population and demographic outline of the region, and The Timmons Group, an engineering group, who helped determine the infrastructure inventory of the region, the companies that currently and could in the future, contribute to the region's economy.

Potential companies and projects include industries related to railroad inland ports, fiber and broadband, the Atlantic Coast Pipeline (ACP), and water, electric and industrial or economic site availability.

Gordon said ports in Virginia recently received the authorization to expand its port depth to 55 feet. "Which will allow them to host the largest cargos containers available on the planet," Gordon said.

Addressing CRC members, he said, "You are within the service area of that port." He said the area is not Hampton Roads in terms of its expansive rail track, but said, "you have rail connections and road connections that can lead to that port, and so that opens up opportunities."

The CRC, along with the Buckingham Branch Railroad, the Heartland Regional Industrial Facility Authority and Longwood University, are researching the possibility of installing an inland port at the Heartland Industrial Park, located in Keysville.

Gordon said the committee also explored the region's SWOT, an acronym used to describe the area's strengths, weaknesses, opportunities and threats.

The strengths, committee members determined, included availability of land, clean air and water, access to higher education, rail, water resource and road infrastructure and close proximity to Richmond and Charlottesville.

Weaknesses included lack of last mile broadband access, challenges in the area's public schools, lagging workforce participation in relation to other regions, some potential employees with lack of necessary workforce skills or technology skills, lack of export-oriented jobs (jobs that export goods that were made in the region. He noted that the region has high volumes of service-oriented jobs, such as jobs in education or retail). He noted some lack of job opportunities that create large volumes of commuters (people who live in the area but travel outside the region to work).

"They're contributing to the tax base, for example ... they're driving into Chesterfield. They're commuting to the tax base there rather than contributing to their own," Gordon said.

In terms of opportunities, Gordon said there could be a market to attract retirees to the area, with a focus on the region's rural environment and quality of life. He also suggested potential for agricultural development and furniture distribution.

For threats, he noted what he called the "brain drain," or recent college graduates seeking career opportunities outside of the region with better job prospects.

Other threats included the high volume of top employers that have taxpayer-funded jobs in the region, such as those in education and public administration.

Gordon said members of CEDS, to address these strengths and weaknesses, created three strategic goals. The first goal is strengthening the regional workforce by increasing workforce education and skill training at public schools, as well as creating a workforce development center for adults to provide skills training and offer job recruitment opportunities.

The second goal, broadening the region's industries, could be accomplished by providing affordable housing in the region, utilizing water resources such as the Sandy River Reservoir, expanding the area's forestry industry and taking steps to attract new industries such as the inland port, the ACP, order-fulfillment/warehouse industries through e-commerce companies and call centers.

"There's a big push at the state level for back-office type work," Gordon said. "Essentially what they're saying is rather than outsource your call center or order-fulfillment technical support overseas, outsource it to rural Virginia. Establish centers here to fulfill those roles for big companies that may be located far away."

Gordon also reported strengthening the recreation and tourism aspect of the region, connecting attractions such as trails or breweries to one another.

The last goal, leveraging educational institutions to strengthen the economy, could be accomplished by advocating for increased trade skills programs, such as electrical work and plumbing. Higher education institutions such as Hampden-Sydney College, Southside Virginia Community College and Longwood University could also develop programs that encourage regional entrepreneurial opportunities, or opportunities that keep students in the region.

CRC member and Charlotte Supervisor Nancy Carwile asked about different programs related to bringing broadband to Central Virginia.

CRC Executive Director Melody Foster noted that the Virginia Governor's Office increased the allocation for broadband expansion in the state budget, and said funding from the EDA could potentially be used for matching funds that could help the region apply for the grant.

CRC member and Lunenburg Supervisor Mike Hankins spoke about the challenges of affordable rental housing in Lunenburg County, and said he has started to encourage people he knows to consider renting their homes instead of selling them.

CRC member and Buckingham Supervisor Morgan Dunnavant spoke about the challenges of renting, where landlords have experienced less-than-ideal renting situations. He also said the choice of whether homeowners decide to sell or rent a property is up to them.

CRC member and Prince Edward Supervisor C.R. "Bob" Timmons noted that the CRC will primarily work with businesses, which may include real estate businesses or home developers, through the CEDS program.

"Our purpose here with the CRC is to work with business owners once we get the designation to help them, and provide grant services for them," Timmons said. "We're not going to solve or get involved in rental pieces of property, or why somebody doesn't rent or who does rent, that's not part of what we do. We just need to be able to get our designation so we can look forward and help the business owners or the people who own the real estate who want to come in and make these developments."

TOWN: 'An opportunity for residents and neighbors'

FROM PAGE ONE

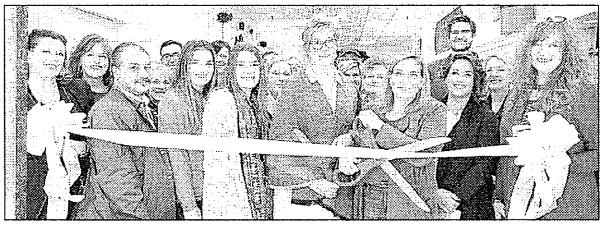
should most improve, such as roadways and water service, questions concerning residential and commercial development, and what the Town of Farmville should look like in 10 years.

According to town officials, the feedback will be used by members of the town council, planning commission and town staff to update the Town's Comprehensive Plan.

"The most important function of the plan is that it represents the vision and concerns of the people who live, work, and use the Town every day," the Farmville website cited.

Assistant Town Manager C. Scott Davis said the survey is set to be promoted via the town's website, the town Facebook page, ads in the newspaper, potentially via radio stations and via flyers included in residents' water bills.

For questions, contact Davis at sdavis@farmvilleva.com or (434) 392-8465.



Chamber welcomes new business

The Farmville Area Chamber of Commerce welcomed Gladiola Girls to Farmville and the Chamber and recently held a ribbon cutting and grand opening celebration. Pictured are, from left, Kerry Mossler, Joy Stump, Chris Brochon, Candy Dowdy, Andrew Marshall, Sandy Cooke, Summer Meinhard, Olivia Rumsey, Corneilia Christian, Renee Woods, Sinclair Kindle, Blake Chandler, Virginia Watson and Linda Cheyne.



CUMBERLAND COUNTY BOARD OF SUPERVISORS NOTICE OF PUBLIC HEARING

Notice is hereby given pursuant to § 9 VAC 20-130-130, that on January 8, 2019, the Cumberland County Board of Supervisors will conduct a public hearing, which may be continued or adjourned, as required under applicable law, with respect to the adoption by the Board of a major plan amendment to the Amended Prince Edward County & Cumberland County Solid Waste Management Plan dated March 6, 2007 to remove the proposed Cumberland County Development Company, LLC solid waste management facility and add in its stead the Green Ridge Recycling and Disposal Facility, LLC, including all references to, and information regarding, each respective facility.

The public hearing, which may be continued or adjourned, will be conducted at 7:00 p.m., or as soon thereafter as the matter may be heard by the Board of Supervisors in the Circuit Courtroom of the Cumberland County Courthouse, Cumberland County, Virginia. Interested persons may appear at such time and place and present their views whether orally or in writing, or submit written comments prior to the hearing. The Board may set time limits on speakers and other rules and procedures for the conduct of this public hearing. Any persons with disabilities are urged to contact the County Administrator's Office at (804) 492-3625 prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office.

Vivian Giles, County Administrator
By Order of the Cumberland County Board of Supervisors

Welcome in 2019 with luxurious accommodations, incredible food, delicious drinks and amazing music.

HOTEL WEYANOKE

NYE

DECEMBER 31 • 5 PM - MIDNIGHT

HOTEL WEYANOKE'S NEW YEAR'S EVE PACKAGE INCLUDES:

- **Luxurious Hotel Room with Dinner for Two in Campagna Italian Kitchen and Wine Bar with a 3 course meal.**
- Champagne Toast at Midnight
- Party Favors
- Live Music starting at 9pm
- Late Check Out of 1pm

Package Price
$194.84 + tax
Dinner only package
$40 per person

WWW.HOTELWEYANOKE.COM OR CALL 434-658-7500
FOR MORE INFORMATION OR TO RESERVE YOUR PACKAGE

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

A copy of the update provided by Mrs. Seal to the Board is available in the Official Board file.

c. Solid Waste Management Plan amendment

County Administrator, Vivian Giles, informed the Board that the current Solid Waste Management Plan references the Republic Landfill. The proposed changes replace language referencing the Republic Landfill with the proposed Green Ridge Landfill. Ms. Giles also informed the Board that additional data is needed prior to adoption by the Board, and suggests that they table action until the next regular meeting.

The Chairman opened the public hearing. With no citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Osl, and carried unanimously, the Board tabled action on this item until the February 12, 2019 Board meeting:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

d. CUP 18-10 Precision Cell Salem Church Road Tower

The Chairman opened the public hearing. Mr. Bobby McElroy, representative with Precision Cellular was available to answer any questions that the Board may have. Mr. McElroy stated that Sprint would be the anchor tenant, with options for Verizon, AT&T and T-Mobile to collocate. With no other citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Wheeler, and carried unanimously, the Board approved CUP 18-10 Precision Cell Salem Church Road tower:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

e. CUP 18-11 Timber Creek Farm

Mr. JP Duncan, Zoning Administrator, informed the Board that the owner is Mr. & Mrs. Larry Thompson, and the

Heartland Authority	Mr. Ingle	Ms. Giles
Economic Development Authority	Mr. Meinhard	Ms. Giles
Leadership Class Steering Committee	Mr. Meinhard	
Local Emergency Planning Committee	Chairman or designee	
Museum Advisory Board	Mr. Meinhard	
Piedmont Court Services	Mr. Wheeler	
Piedmont Regional Jail Board	Mr. Wheeler	Ms. Giles
Piedmont Juvenile Detention Center Board		Ms. Giles
Recycling Task Force	Mr. Ingle	
Resource Conservation & Development	Mr. Osl	Ms. Giles
Sesquicentennial Committee	Mr. Meinhard	
Social Services Board	Mr. Ingle	
Water & Sewer Advisory Board	Mr. Ingle	Mr. Saxtan
Wireless Authority	Mr. Ingle	Mr. Howard

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – absent
Mr. Meinhard – aye

c) Solid Waste Management Plan amendment

On a motion by Supervisor Osl, and carried by the following vote, the Board approved the Solid Waste Management Plan as amended:

Vote: Mr. Osl – aye
Mr. Ingle – nay
Mr. Wheeler – aye
Mr. Banks – absent
Mr. Meinhard – aye

A copy of the approved document is available in the Official Board File and can also be found on the County website.

d) CA 19-01 Noise Ordinance amendments update

County Administrator, Vivian Giles, informed the Board that she has prepared a draft document, however, work on the ordinance is still ongoing.

e) Recertification request for STEPS

On a motion by Supervisor Osl, and carried by the following vote, the Board approved the Recertification requested by STEPS to allow them to provide rapid re-housing, prevention, and Shelter Services to the residents of Cumberland:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – absent
Mr. Meinhard – aye

County of Prince Edward
Board of Supervisors
Agenda Summary

Meeting Date: April 9, 2019

Item No.:

Department: County Administration

Staff Contact: W.W. Bartlett

Issue: Solid Waste Management Plan

Summary:
Cumberland County is requesting the Board of Supervisors of Prince Edward County approve the amended Prince Edward/Cumberland Solid Waste Management Plan as amended recently by Cumberland County (approved at the Board's February 12, 2019 meeting), Attachment (1). Please note that the attached document does not contain any of the appendices because, none of those were amended in any way. The attached document does contain, all of the changes approved by t Cumberland County. The substantive changes are primarily found on pages 13-18 of the document, though other relevant amendments may be found throughout. The need to amend the document was to remove the Allied/Republic landfill as a solid waste disposal option, and to replace that facility with the proposed Green Ridge facility. The Allied/Republic facility will not be constructed. The company has gone so far as to contact DEQ to surrender their part A and part B permits for the construction of the landfill.

In order for the Green Ridge landfill project to proceed, Prince Edward County must adopt/approve the amended document. While Cumberland County had to hold a public hearing before approving the amendments Prince Edward does not. Per section 9 VAC 20-130-130 of the Virginia Administrative Code when a Solid Waste Management Plan includes multiple localities, the locality submitting a major plan amendment only has to conduct a public hearing in the County involved in the major amendment.

While we are looking at the plan, I am recommending a few minor amendments be made to reflect changes to operating practices that have occurred over the last few years. These are (1) Amending Chapter 4 to (a) reflect the County now operates 7 convenience centers not 6; (b) that the County no longer recycles any glass; (c) that tires and white goods are collected at the convenience sites; (d) more landfill cells have been constructed; (e) the County now operates the landfill and (f) the County's fund balance is larger – (2) Amending Chapter 5 to state the site life is based on updated data – (3) Amending Chapter 7 to eliminate the sentence stating the County plans to open a convenience site in Pamplin. These are considered minor plan amendments and do not require a public hearing prior to approval by the Board.

Attachment:
1. Proposed Amended Regional Solid Waste Management Plan
2. 9 VAC 20-130-130

Motion _____	Cooper-Jones_____	Jones _____	Townsend_____
Second _____	Emert_____	Pride _____	Wilck_____
	Gilliam_____	Southall_____	

County of Prince Edward
Board of Supervisors
Agenda Summary

Recommendation:
The Board will wish to review the proposed amendments and determine if it wishes to approve the plan with the proposed amendments.

Motion _____
Second _____

Cooper-Jones_____
Emert_____
Gilliam_____

Jones _____
Pride _____
Southall_____

Townsend_____
Wilck_____

Excerpt Prince Edward Co. Board Meeting Minutes April 9, 2019

The following organizations in Prince Edward County were exempted from taxation by the General Assembly prior to 2003 – SCOPE, STEPS, Crossroads. All YMCAs are specifically exempted per Section 58.1-3606.5. Also exempted, per Section 58.1-3606.6, are the building, the land it occupies and the FF&E of any benevolent or charitable organization and used exclusively for lodge purposes or meeting rooms, such as the Moose and Elk lodges.

Mr. Bartlett said that the County had an unwritten policy and had not approved any in that time; he said the Code Section 58.1-3651 presents the process by which to approve any local tax exemption, if the Board wishes to do so. He said a public hearing must be held.

Supervisor Cooper-Jones made a motion, seconded by Supervisor Jones, to authorize the advertisement of a Public Hearing at the May meeting of the Board of Supervisors for the passage of an ordinance exempting FACES from local taxation; the motion carried:

Aye:	Pattie Cooper-Jones J. David Emert Llew W. Gilliam, Jr. Robert M. Jones Odessa H. Pride Gene A. Southall Jerry R. Townsend James R. Wilck	Nay:	None

In Re: Solid Waste Management Plan Amendments

Mr. Bartlett said Cumberland County is requesting that the Prince Edward County Board of Supervisors approve amendments to the joint Prince Edward/Cumberland Solid Waste Management Plan. Cumberland approved the proposed amendments at its February 12, 2019 Board meeting. None of the appendices were amended in any way. The Plan does contain all of the changes approved by Cumberland County. The substantive changes are primarily found on pages 13-18 of the document, though other relevant amendments may be found throughout. The need to amend the document was to remove the Allied/Republic landfill as a solid waste disposal option, and to replace that facility with the proposed Green Ridge facility. The Allied/Republic facility will not be constructed. The company has gone so far as to contact DEQ to surrender their part A and part B permits for the construction of the landfill.

In order for the Green Ridge landfill project to proceed, Prince Edward County must adopt/approve the amended document. While Cumberland County had to hold a public hearing before approving the amendments, Prince Edward County does not. Per Section 9 VAC 20-130-130 of the Virginia Administrative

Code, when a Solid Waste Management Plan includes multiple localities, the locality submitting a major plan amendment only has to conduct a public hearing in the County involved in the major amendment.

Mr. Bartlett recommended a few minor amendments be made to reflect changes to operating practices that have occurred over the last few years. These are:

(1) Amending Chapter 4 to:
    (a) reflect the County now operates seven convenience sites, not six;
    (b) that the County no longer recycles any glass;
    (c) that the tires and white goods are collected at the convenience sites;
    (d) more landfill cells have been constructed;
    (e) the County now operates the landfill and
    (f) the County's fund balance is larger.
(2) Amending Chapter 5 to state the site life is based on updated data.
(3) Amending Chapter 7 to eliminate the sentence stating the County plans to open a convenience site in Pamplin.

These are considered minor plan amendments and do not require a public hearing prior to approval by the Board.

Supervisor Townsend made a motion, seconded by Supervisor Emert, to approve the Prince Edward/Cumberland Solid Waste Management Plan with the proposed amendments; the motion carried:

Aye:	Pattie Cooper-Jones J. David Emert Llew W. Gilliam, Jr. Robert M. Jones Odessa H. Pride Gene A. Southall Jerry R. Townsend James R. Wilck	Nay:	None

In Re: Other Business

Mr. Bartlett stated a letter was received from the Poplar Hill Community Development Authority requesting the Prince Edward County Board of Supervisors impose a $1.00 special tax on all property located within the Poplar Hill CDA District for the 2019-2020 fiscal year.

Mr. Bartlett then said he contacted the fire chiefs regarding a meeting; neither date worked for them. Following discussion, Mr. Bartlett said he would contact them again with a date of May 14, 2019 at 5:30 p.m. Mr. Bartlett said that the budget can be amended down and it would not necessitate another public hearing.

County of Cumberland Virginia

1 Courthouse Circle | P.O. Box 110
Cumberland. Virginia 23040
Telephone 804 492 3800
Facsimile 804 492 9224
info@cumberlandcounty.virginia.gov
www.cumberlandcounty.virginia.gov

William F. Osl, Jr, District 1 | Lloyd Banks Jr, District 2 | William K. "Kevin" Ingle, District 3 | David E. Meinhard, District 4 | Parker H. Wheeler, District 5

Certification

At a regular meeting of the Cumberland County Board of Supervisors, held on Tuesday, May 14, 2019, and a motion by Supervisor Osl and carried unanimously, the Cumberland County Board of Supervisors ratified the Prince Edward County amendments to the regional Solid Waste Management Plan:

Vote: Mr. Osl – aye; Mr. Banks – aye; Mr. Ingle – aye; Mr. Meinhard – aye; Mr. Wheeler – aye

Certified this 8th day of July 2019 by: _____

Vivian Seay Giles
Clerk to the Board of Supervisors

b. Ratification of Prince Edward County amendments to the regional Solid Waste Management Plan (SWMP)

County Administrator, Vivian Giles, informed the Board that Prince Edward approved the Regional SWMP with a few minor amendments which require the Board ratify the Plan with those amendments.

On a motion by Supervisor Osl, and carried unanimously, the Board ratified the Prince Edward Amendments to the Regional SWMP:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – aye
Mr. Meinhard – aye

c. Appointment needed for Piedmont Alcohol Safety Action Plan (ASAP) Board

On a motion by Supervisor Wheeler and carried unanimously, the Board appointed Sheriff Darrell Hodges to the Piedmont ASAP Board to fill an unexpired term through October 2020:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – aye
Mr. Meinhard – aye

d. July 5, 2019 Holiday request

County Administrator, Vivian Giles, requested the Board approve an additional holiday for county staff on Friday, July 5, 2019.

From:	Lynn Klappich
To:	Lynn Klappich
Subject:	EMI - 20 0711 and 20 0718 Cumberland emails
Date:	Wednesday, July 29, 2020 5:15:46 PM
Attachments:	SWMP_w_PE_edits_amended_and_restated_051419.pdf 051419.BOS.7pm.minutes.pdf May142019 Certification.pdf

---

From: Sierra Duncan
Sent: Thursday, July 18, 2019 9:46 AM
To: 'Sanjay Thirunagari' <sanjay.thirunagari@deq.virginia.gov>
Cc: Prina Chudasama <prina.chudasama@deq.virginia.gov>; Beckwith Leslie ero29883 <leslie.beckwith@deq.virginia.gov>; Miller Jason cxf78170 <jason.miller@deq.virginia.gov>; Stephany Johnson <sjohnson@cumberlandcounty.virginia.gov>; Don Unmussig <DUnmussig@cumberlandcounty.virginia.gov>
Subject: RE: Solid Waste Management Plan

Sanjay,

The attached Solid Waste Management Plan has been amended and restated. The Board of Supervisors minutes under section 8.b. shows the ratification of the amendments to the Solid Waste Management Plan and the certification further shows that documentation from our then Clerk to the Board, Vivian Giles (July 14th was her last day; Don Unmussig is CC'd on this email and is our new County Administrator). We wanted to submit this updated plan and corresponding documentation for your records. Please let me know if we can provide you with any further clarification.

Thanks,
Sierra Nicole Duncan
Sr. Executive Assistant
Cumberland County

From: Sanjay Thirunagari <sanjay.thirunagari@deq.virginia.gov>
Sent: Wednesday, July 17, 2019 11:41 AM
To: Sierra Duncan <SDuncan@cumberlandcounty.virginia.gov>
Cc: Prina Chudasama <prina.chudasama@deq.virginia.gov>; Vivian Giles <vgiles@cumberlandcounty.virginia.gov>; Beckwith Leslie ero29883 <leslie.beckwith@deq.virginia.gov>; Miller Jason cxf78170 <jason.miller@deq.virginia.gov>
Subject: RE: Solid Waste Management Plan

Sierra,

Received your message with the attachments. The intent of this submittal is unclear. Please clarify as soon as possible.

Thanks

Sanjay

From: Sierra Duncan <SDuncan@cumberlandcounty.virginia.gov>
Sent: Thursday, July 11, 2019 1:44 PM
To: Sanjay Thirunagari <sanjay.thirunagari@deq.virginia.gov>
Cc: Chudasama Prina hmb32949 <prina.chudasama@deq.virginia.gov>; Vivian Giles <vgiles@cumberlandcounty.virginia.gov>
Subject: RE: Solid Waste Management Plan

Sanjay,

Please see attached for the amended SWMP, corresponding Board of Supervisor's meeting minutes, and certification. If you should need anything further, please let us know!

Thanks,
Sierra Nicole Duncan
Sr. Executive Assistant
Cumberland County

From: Sanjay Thirunagari <sanjay.thirunagari@deq.virginia.gov>
Sent: Wednesday, June 19, 2019 4:43 PM
To: Sierra Duncan <SDuncan@cumberlandcounty.virginia.gov>
Cc: Chudasama Prina hmb32949 <prina.chudasama@deq.virginia.gov>
Subject: FW: Solid Waste Management Plan

Sierra,

You can send the updated SWMP to me.

Thanks

Sanjay

Sanjay V. Thirunagari
Manager
Division of Land Protection & Revitalization
Department of Environmental Quality
(804) 698-4193

---------- Forwarded message ----------
From: **Sierra Duncan** <SDuncan@cumberlandcounty.virginia.gov>
Date: Wednesday, June 19, 2019
Subject: Fwd: Solid Waste Management Plan
To: "Miller, Jason" <jason.miller@deq.virginia.gov>
Cc: Leslie Beckwith <leslie.beckwith@deq.virginia.gov>, Vivian Giles <vgiles@cumberlandcounty.virginia.gov>

Good Afternoon, Jason,

Cumberland and Prince Edward have made some revisions to the Solid Waste Management Plan. We know we need to send it to DEQ but we aren't sure to whom. Could you provide us with the email address so that we can be sure DEQ has the updated copy?

Regards,

Sierra Nicole Duncan
Sr. Executive Assistant
Cumberland County

From: Miller, Jason <jason.miller@deq.virginia.gov>
Sent: Friday, October 26, 2018 2:20 PM
To: Sierra Duncan <SDuncan@cumberlandcounty.virginia.gov>
Cc: Leslie Beckwith <leslie.beckwith@deq.virginia.gov>
Subject: Re: Solid Waste Management Plan

Hi Sierra,
Here is the 2007 plan along with the 2016 5 yr update...Jason

Jason A. Miller

Land Protection Program Manager

Piedmont Regional Office

Virginia Department of Environmental Quality

4949-A Cox Rd.

Glen Allen, VA 23060

804-527-5028

On Fri, Oct 26, 2018 at 2:13 PM Sierra Duncan <SDuncan@cumberlandcounty.virginia.gov> wrote:

> Good Afternoon,
> I hope you are having a lovely day! I am trying to locate the current Solid Waste Management Plan on file for Cumberland County and any amendments that you may have on file. Would you be able to email me a copy?
> Thanks,
> Sierra Nicole Duncan
> Sr. Executive Assistant
> Cumberland County
> 1 Courthouse Circle
> P.O. Box 110
> Cumberland, VA 23040
> 804-492-3625 (P)
> 804-492-9224 (F)

AMENDED AND RESTATED

PRINCE EDWARD COUNTY and CUMBERLAND COUNTY

SOLID WASTE MANAGEMENT PLAN

Originally prepared by:
Resource International, LTD.
9560 Kings Charter Drive
Ashland, VA 23005

Table of Contents

Chapter 1		Introduction	1
	A.	Background	1
	B.	Purpose	2
	C.	Scope	2
	D.	Pan Development Responsibilities	3
	E.	Plan Development & Adoption	3
	F.	DEQ Review Process	4
	G.	Intent to Amend Plan	4
Chapter 2		SERVICE AREA DESCRIPTION	5
	A.	Existing Developmental Trends	5
	B.	Future Development Trends	7
Chapter 3		GENERAL GOALS AND OBJECTIVES	9
	A.	Goals	9
	B.	Objectives	9
	C.	Milestones	9
Chapter 4		EISTING SOLID WASTE MANGEMENT SYSTEM	10
	A.	Prince Edward County	10
	B.	Cumberland County	13
	C.	Solid Waste Management Planning (SWMP) Unit Recycling Rate	15
	D.	Collection and Transfer	15
	E.	Central Archive	17
	F.	Recycling Markets	17
Chapter 5		WASTE GENERATION AND COMPOSITION	19
	A.	Waste Generation	19
	B.	Waste Composition	19
	C.	Waste Character	21
Chapter 6		Solid Waste Assessment	22
	A.	Prince Edward County	22
	B.	Cumberland County	22
Chapter 7		PREFERRED WASTE MANAGEMENT SYSTEMS	23
	A.	General	23
	B.	Prince Edward County	25
	C.	Cumberland County	26

Chapter 8 IMPLEMENTATION ISSUES…….. 28

REFERENCES …… 29

A. Publications…… 29
B. Personal Interviews…… 30

Appendices
Appendix A Excerpts from PPDC Comprehensive Economic Development Strategy
Appendix B Resolutions of Plan Approval
Appendix C Public Hearing
Appendix D Future Capital Outlays for Cell Construction and Closures
Appendix E Demographics References
Appendix F Recycling Reports
Appendix G Comprehensive List of Solid Waste Disposal Facilities in the Planning Region
Appendix H Documentation of Proposed New Disposal Facility Inclusion
Appendix I DEQ Approval Letter of Original Solid Waste Management Plan

CHAPTER 1 -INTRODUCTION

A. Background

This Solid Waste Management Plan represents a revision of the original Regional Solid Waste Management Plan, dated July 1, 1991 and subsequent update of that regional plan on July 1, 1997. The original plan and the subsequent update were prepared by the Piedmont Planning District Commission (PPDC). This plan is a "sub-regional" plan involving two of the six counties that were sponsors of the previous planning efforts: Prince Edward County and Cumberland County.

This sub-regional approach was the culmination of several meetings of the Piedmont Planning District Commission and a Solid Waste Management Planning Forum. All of these meetings were open to the public for comments and input. A detailed account of each of these meetings is presented in Appendix A. An overview of each of these meetings is provided below:

At the April3, 2003 full commission meeting, two representatives of the Virginia Department of Environmental Quality (DEQ) made a presentation regarding the requirements of the Regulations for Solid Waste Management Planning, Amendment 1. During the discussion that ensued, several people questioned whether they could provide an update to the old plan. The DEQ response was that the localities can review their old plan, bring it up to date, and submit it to the DEQ. Several commissioners expressed concern that the update of the solid waste plan represented an unfunded mandate. The discussion concluded with the consensus of the Commissioners being to take the regional approach for the preparation of the Solid Waste Management Plan.

On **April1 17, 2003, the PPDC held an open forum pertaining to Solid Waste Management Planning** for the region. As a result of the discussions held regarding the three approaches identified by PPDC staff:

1) Individual plans for each jurisdiction

2) Mini-Regional Plans

3) Regional Plan

It was determined that the majority of the localities were leaning towards Options 1 and 2. PPDC, therefore, concluded that there was no consensus for the development of a regional solid waste plan.

At the May 1, 2003 full commission meeting, the Solid Waste Management Plan status was a major agenda item with a status report from the Executive Director that provided the results of the April 17, 2003 solid waste planning forum and a recommendation that PPDC suspend further consideration of the development of a regional plan, but be prepared to provide technical assistance to interested localities regarding demographic statistical data. The matter was tabled by the PPDC for further discussion at a subsequent meeting.

At the June 5, 2003 full commission meeting, an update of the Solid Waste Management Plan status was again provided by the Executive Director of the PPDC. Only one other locality had sent a letter to PPDC regarding its preference regarding the three options (approaches) to the development of a solid waste management plan. It was reported that this did not change the weighted preference of options chosen and, therefore, it was determined that there remained no consensus for a regional Solid Waste Management Plan.

As a consequence of these meetings and the stated preferences of a majority of the localities within the PPDC, Prince Edward County and Cumberland County decided to develop a sub-regional plan that would be used to guide the management of the solid wastes generated within their respective jurisdictions for the duration of the 20-year planning period.

B. Purpose

The Solid Waste Management Plan (Plan) for Prince Edward and Cumberland Counties has been prepared to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq., Amendment 1). This sub-regional plan is the outgrowth of the PPDC meetings highlighted above. The Plan will:

- describe the existing solid waste management infrastructure of the two counties;
- define future solid waste management needs; and
- describe the preferred waste management systems.

C. Scope

The Plan includes discussions on the following elements of the solid waste management spectrum for the municipal solid waste (MSW) generated within the two counties:

- generation;
- collections;

- recycling; and
- disposal

The plan considers the elements of the Solid Waste Management Hierarchy as they relate, in a practical manner, to the relevant demographic characteristics of the service area. The hierarchy ranks methods of solid waste management from most preferred to least preferred as follows:

- Source Reduction
- Reuse
- Recycling
- Resource Recovery (Waste - to- Energy)
- Incineration
- Landfilling

The Plan does not address infectious medical wastes and other items not normally considered as MSW such as:

- radioactive wastes;
- sewage sludges and biosolids;
- industrial wastes; and
- hazardous wastes (as defined by the Virginia Hazardous Waste Management Regulations)

D. Plan Development Responsibilities

The Plan has been developed by Prince Edward County in collaboration with Cumberland County. Prince Edward County has retained the services of Resource International, Ltd., to assist it in developing the sub-regional plan and providing technical input.

E. Plan Development and Adoption

The Plan was developed in the second quarter of calendar year (CY) 2004. It was formally adopted early during the third quarter of CY 2004. Copies of the resolutions of Plan approval from each of the two jurisdictions are included as Appendix B. A public hearing on the Plan was held on June 28, 2004, at the Prince Edward County Courthouse. The results of the public hearing are included in Appendix C. A public hearing on the Plan was conducted on July 13, 2004 at the Cumberland County Courthouse. The results of the public hearing are included in Appendix C. The Plan was submitted to the Virginia Department of Environmental Quality (VDEQ) on July 1, 2004, with the resolutions and public

hearing results submitted in follow-up correspondence to the VDEQ.

F. DEQ Review Process

Correspondence from the DEQ dated November 12,2004 was received on or about November 22,2004 to which was attached DEQ's "Waste Management Plan Completeness Review" checklist. In response to the completeness review comments, the Prince Edward County and Cumberland County Solid Waste Management Plan was revised and re-submitted to the DEQ on February 10, 2005.

In a letter dated June 28, 2006, the DEQ submitted its Technical Review Comments regarding the Prince Edward County and Cumberland County Solid Waste Management Plan. Responses to the Technical Review Comments were developed by Resource International and submitted to DEQ on August 31, 2006. On December 7, 2006, DEQ requested that the Plan include all solid waste facilities currently within Prince Edward and Cumberland Counties as they appear in DEQ's database. This listing of active, inactive, and closed facilities is incorporated as Appendix G. Appendix I is a copy of the DEQ approval letter of the "original" Solid Waste Management Plan.

G. Intent to Amend Plan

The Plan is currently being amended to reflect preliminary information about a planned municipal waste landfill facility to be located in Cumberland County. Information regarding existing facilities is already incorporated into this Plan. Addition of the planned facility to the Plan will require a major amendment to the current Plan and requires public participation. Documentation from the public participation/hearings, responses to citizen comments and the final outcome of the anticipated board resolution process will be included in Appendix H. Additional or updated information about the planned facility that becomes available will be incorporated into the Plan prior to the VADEQ's final review and acceptance of the Amended Plan.

CHAPTER 2 -SERVICE AREA DESCRIPTION

The service area encompassed within the Plan is shown graphically in Figure 1.

A. Existing Development Trends

The information within this Section (2.A) and the following section (2.B) has been primarily derived from the PPDC 2003 Comprehensive Economic Development Strategy. The planning district within which Prince Edward and Cumberland County are a part of is described as "one of the most economically challenged regions in the State of Virginia". Both Prince Edward County and Cumberland County are largely rural with few large industries and manufacturing facilities. Approximately 71% of the Prince Edward County work force finds employment within the County. This compares with 29% for Cumberland County. Unemployment rates for the two counties from the Virginia Employment Commission (VEC) indicates a slight increase in unemployment for both counties between 2001 and 2002. Cumberland County's unemployment rate increased from about 2.4% to 2.9% during this period and Prince Edward County's increased from about 3.9% to 4.9%. Overall, in the State of Virginia, the rates increased from about 3.6% to 4.1%. Table 1 is an update of Table 3 that appeared in the July 1, 1997 Solid Waste Plan prepared by the PPDC.

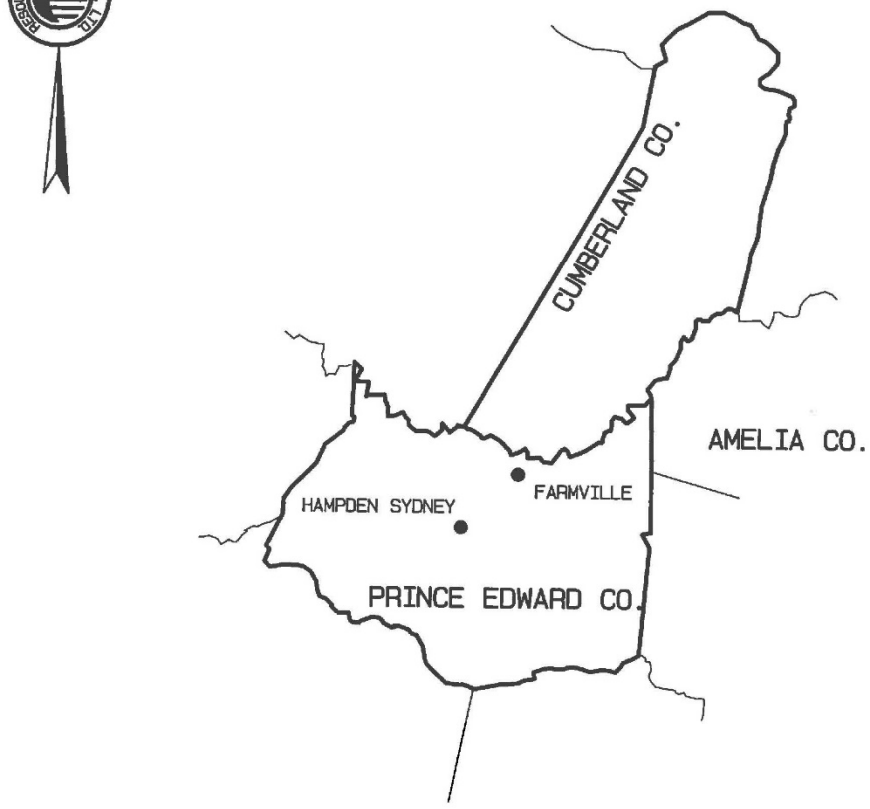
TABLE 1
UNEMPLOYMENT RATES/ANNUAL AVERAGES

JURISDICTION	1991	1995	2001	2002
Cumberland County	7.4%	2.6%	2.4%	2.9%
Prince Edward County	10.5%	5.3%	3.9%	4.9%
Virginia	5.8%	4.5%	3.6%	4.1%

Median household income has increased as illustrated in Table 2, but continues to trail significantly the median for the State as shown in Table 2.

TABLE2
MEDIAN HOUSEHOLD INCOME - 1970-2000

JURISDICTION	1970	1980	1990	2000
Cumberland County	$4,606	$11,398	$22,115	$32,000 ±
Prince Edward County	$2,482	$12,295	$21,395	$31,000 ±
Virginia	$7,176	$17,475	$33,328	$47,000 ±



NOTE: ALL LOCATIONS ARE APPROXIMATE.

FIGURE 1
SERVICE AREA

H:\90094.23\PEFIG.PRO

RESOURCE INTERNATIONAL, LTD.
ENGINEERS ◦ SCIENTISTS ◦ SURVEYORS ◦ PLANNERS
P.O. BOX 6160 ◦ 9560 KINGS CHARTER DRIVE ◦ ASHLAND, VA 23005
(804) 550-9200 FAX (804) 550-9259

This scarcity of higher paying salaries continues to impact in a negative manner, a locality's or region's primary source of income- its tax base. This in turn, often inhibits growth in the locality or region because investments in needed infrastructures do not happen or are slow to occur. This situation is aggravated where unemployment rates are elevated. As can be seen from the previous Table, the unemployment rate for Prince Edward County remains above the state-wide average.

Environmentally-sound Solid Waste Management within the two counties remains a significant public function that demands a continuing allocation of resources. Along with highways, railroads, water, wastewater, schools and healthcare providers, well run and funded waste management facilities are an attraction to industrial, commercial, and residential development.

B. Future Development Trends

It can be seen from review of Tables 1 and 2, that unemployment within Cumberland County and Prince Edward County has been relatively steady since 1995. Whether this trend continues depends upon a number of factors, some of which are beyond the control or influence of Prince Edward and Cumberland Counties (Federal environmental regulations and tax codes; outsourcing; fossil fuel supplies, etc.).

However, population projections (provided by the Virginia Employment Commission) that span the period of this Plan and then some, show a continued modest increase in the population of both Prince Edward and Cumberland Counties over the next several decades (as can be seen from Table 3).

TABLE3
POPULATION HISTORY AND PROJECTIONS

	1990	2000	2010	2020	2030
Cumberland County	7,825	9,017	10,100	11,000	11,800
Prince Edward County	17,320	19,720	22,500	24,900	27,200
Total for Planning Area	25,145	28,737	32,600	35,900	39,000

The percent increase in the total population for the 20 year period 2000 to 2020 is projected to be 24.9%. That fraction of the infrastructure dealing with solid waste management and disposal must be in place to accommodate the needs associated

with this forecast of the population within the planning area. In a subsequent chapter we will see that, indeed, it does.

Although there has been a service decline noted in the railroad section of the transportation infrastructure serving the planning area, the highway infrastructure with east-west Route 60 (Cumberland County), east-west Route 460 (Prince Edward County) and the north-south Route 15 corridors remain strong with good development potential associated with their current design.

With the reasonable possibility that Route 60 will be improved to a four-lane corridor through Cumberland County; Route 15 would likewise be improved to a four-lane corridor; and Route 460/360 be incorporated in a limited access interstate style system connecting the east coast to the mid-west (the TransAmerica Corridor) significant industrial, commercial, and residential development could occur during the latter half of the planning period.

CHAPTER 3- GENERAL GOALS AND OBJECTIVES

A. Goals

These remain the same as those espoused in the 1997 Solid Waste Management Plan Update for Solid Waste District 14 prepared by the Piedmont Planning District Commission.

- Solid Waste Management and disposal to be carried out in accordance with pertinent Federal, State, and Local plans, regulations and land use policies such that protection of the natural environment and the health and wellbeing of the public is achieved. This is to be accomplished in such a manner that the natural assets of Prince Edward and Cumberland Counties (its soil, water and air) are utilized wisely for the common good of the public.

- Develop, operate, and maintain solid waste management facilities and programs in an efficient and timely fashion to meet the solid waste management needs of the jurisdictions covered by this plan.

B. Objectives

- Establish and maintain an on-going planning, Plan amendment, and Plan implementation process to meet the future solid waste management needs of Prince Edward and Cumberland Counties.

- Provide adequate flexibility in the Plan to provide for unforeseen needs, events, or situations; utilization of new facilities that may come on-line; and incorporation of new technologies.

- Establish an integrated waste management strategy focusing on the recycling and landfilling elements of the solid waste management hierarchy.

- Continue to strive to meet or exceed state mandated recycling rate of 15% for rural localities.

C. Milestones

Milestones for the development of disposal cells at the Prince Edward County Landfill and milestones for phased closures are presented in Appendix D.

CHAPTER 4- EXISTING SOLID WASTE MANAGEMENT SYSTEM

Figure 2 shows the existing active solid waste management sites within or near the Plan area. The only landfill within the Plan area is the Prince Edward County Landfill. There is one existing private regional landfill within Amelia County which is adjacent to both Prince Edward County and Cumberland County to the east.

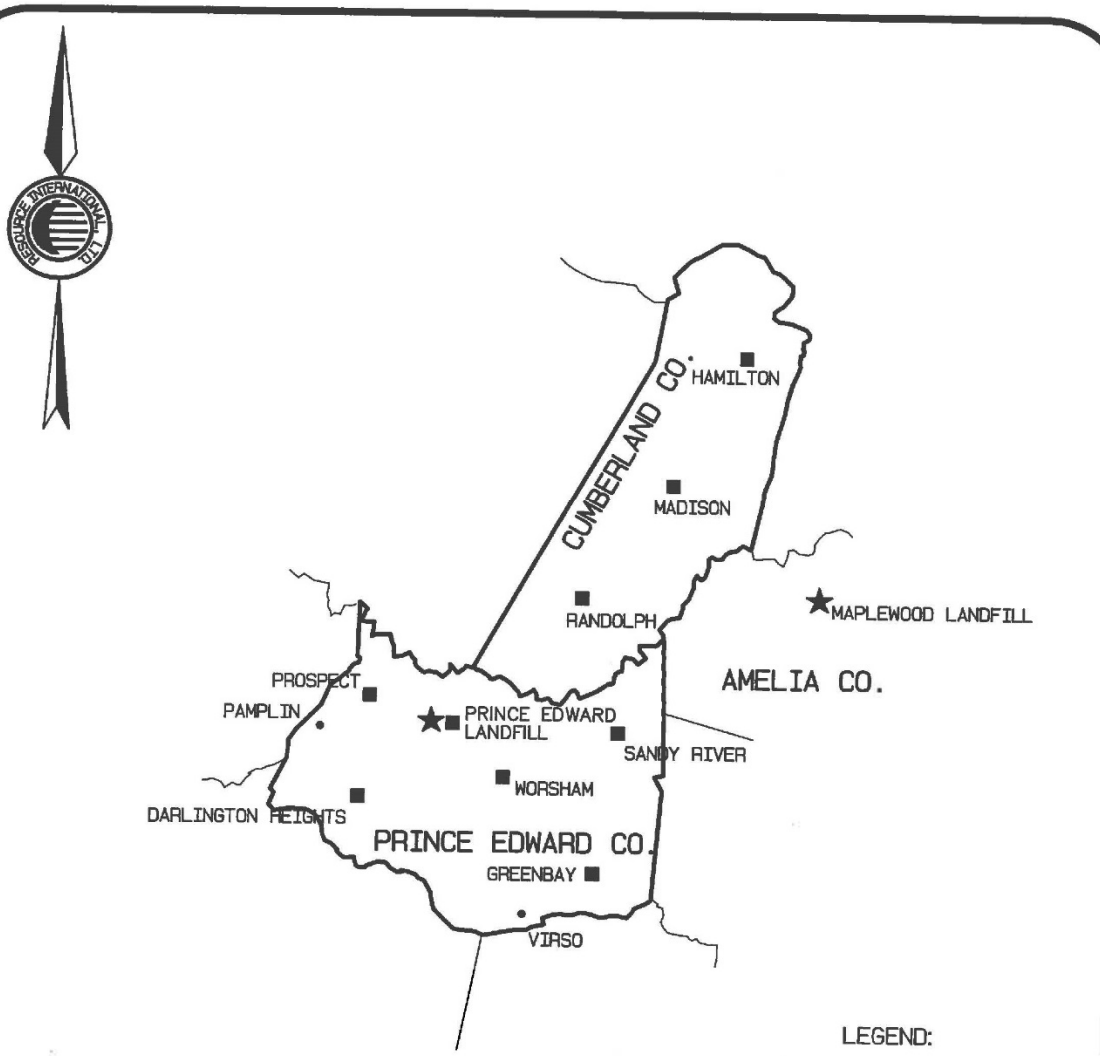
A. Prince Edward County

Collection of municipal solid wastes generated within the County is left up to the individual homeowner or business. The generator may elect to contract with a private hauler to remove wastes from the premises, or may elect transporting the wastes to one of seven public convenience centers that are located throughout the County. From these facilities the County transports the wastes to the County Landfill for disposal.

Recycling containers are located at each of the public convenience centers. Materials collected for recycling include, plastics, newsprint, and cardboard. Small truck and passenger car tires and white goods are collected at these l. Recycled materials are processed locally by a private firm. Except within the Town of Farmville, it is up to the generators to take their recyclables to these facilities. The Town of Farmville provides curbside pick-up of plastics, newsprint,. A private firm in the area picks up cardboard from some businesses within the County. For calendar year (CY) 2003, Prince Edward County realized a recycling rate of 13.24%. For CY 2005 it was 20.4%. This represents an increase of 54.1% over the CY 2003 recycling rate.

There currently are no solid waste treatment programs within Prince Edward County as that term is defined in the VSWMR. There are currently no plans to implement any such programs in the future. If there are advances in solid waste management technology that would result in plans to implement given treatment processes, the Solid Waste Management Plan will be revised to reflect the change or changes.

Prince Edward County currently utilizes inmate work crews, overseen by VDOC and scheduled by VDOT, to keep primary and some secondary highways clear of litter. In addition, individuals who receive community service sentences are assigned to other secondary roads within the County to pick-up litter. These individuals usually have to pick up a certain amount of trash, (measured in filled bags) to successfully complete their sentences.



LEGEND:

- ★ ACTIVE LANDFILL
- ■ PUBLIC CONVENIENCE AREAS
- • ROLL ON / ROLL OFF SITES

NOTES:

1. APPENDIX G LISTS ALL SOLID WASTE DISPOSAL FACILITIES IN THE REGION (BOTH CLOSED AND ACTIVE AS APPEARS IN THE DEQ SOLID WASTE DATABASE)
2. ALL LOCATIONS ARE APPROXIMATE

FIGURE 2
SOLID WASTE MANAGEMENT FACILITIES

RESOURCE INTERNATIONAL, LTD.
ENGINEERS ◦ SCIENTISTS ◦ SURVEYORS ◦ PLANNERS
P.O. BOX 6160 ◦ 9560 KINGS CHARTER DRIVE ◦ ASHLAND, VA 23005
(804) 550-9200 FAX (804) 550-9259

H:\90094.23A\PEFIG.pro

In the future, Prince Edward County plans to augment these two programs with an "Assign-a-Highway" program. In this program, judges will assign a stretch or segment of a highway to individuals who are on probation or parole. The individuals would be responsible for periodically picking up litter along the assigned highway during the time the court oversees them. Prince Edward County operates its own Subtitle D Landfill. It constructed its fifth lined cell, Cell E in the Summer of 2017. The capital costs associated with the continued operation of the landfill as related to new disposal cell construction and partial closures are shown in Appendix D.

The Prince Edward County Sanitary Landfill is located off of State Route 648 in Prince Edward. The nearby counties of Buckingham and Cumberland also have used the facility. The landfill site encompasses approximately 99± acres. In 2018 the County began operating the landfill with its own employees after the private firm contracted to operate the landfill expressed its desire to cease operations.

Only municipal solid waste acceptable for disposal at sanitary landfills are disposed of at the facility. No medical, infectious, or hazardous waste are accepted at this facility. Animal carcasses, such as cats, dogs, and farm animals, are accepted.

Brush and certain yard wastes are burned at the landfill to reduce the volume of solid waste placed in disposal cells. The County reuses waste materials such as cinder blocks, asphalt and brick for access roads and ramps at the landfill. Special programs that the County, periodically engages in includes property clean-ups with trustees from the Piedmont Regional Jail; public education on recycling within the County through pamphlets available from the County Administrator's Office; and the clean-up of illegal tire dump sites.

Prince Edward County presently has a landfill capital fund that takes in approximately $300,000 annually. In the past, General Fund revenues have been used to supplement the landfill capital fund as needed. General Fund revenues also have been used to fund other County solid waste management and recycling programs. General fund revenues will continue to be used to supplement future capital expenditures not fully covered by the landfill capital fund during the planning period. Prince Edward County maintains a fund balance of between $– 8-10 million so there should be sufficient monies available for all future solid waste management projects undertaken during the planning period.

B. Cumberland County

Cumberland County closed its three landfills in the mid-nineteen nineties and constructed public convenience centers at each of the three sites. The Hamilton Landfill was closed in August 1994; the Madison Landfill in July 1995; and the Randolph Landfill in June 1997. Wastes are transported from these facilities to a recycling facility pursuant to the County's contract with Container Rentals LLC. The convenience centers are manned and open Monday through Sunday. It is up to the waste generator to get the waste from his/her premises to the public convenience centers. The approximate location of each of these facilities is shown on Figure 2.

Recycling containers are located at each of the public convenience centers. Materials collected for recycling include glass containers (all colors), aluminum cans, plastics **(#1** and #2), cardboard, newsprint, mixed papers, tires (at Madison) and white goods. Yard waste and brush also are collected at the Madison Facility. Recycled materials are collected and processed locally by private firms. For CY 2003 Cumberland County realized a recycling rate of 33.7%, for CY 2004 it was 33.5%, and for CY 2005 it was 27.6%.

Cumberland County's current litter control efforts include participation in: the Community Diversion Incentive programs operated in direct coordination with the general district court; the Adopt-a-Spot and Adopt-a-Highway programs sponsored by VDOT; periodic community and/or organization sponsored roadside litter pickups and campaigns; and, periodic river cleanups in partnership with the Friends of the Appomattox.

Cumberland County periodically promotes public participation in abandoned vehicle recovery efforts and special household hazardous waste collection events. The success of these programs is due in part to public education efforts by the county to increase participation in the event or events. Cumberland County encourages, and will continue to encourage, participation in community anti-litter and cleanup campaigns through educational and guest program presentations to schools, individuals, and civic or social organizations.

In the future, Cumberland County will continue its efforts in litter control by actively participating in and/or promoting the above programs. Special programs in which the County periodically engages include participation in an abandoned vehicle recovery program and special household hazardous waste collection events.

Cumberland County does not have an operating landfill. However, funding of its current solid waste management programs, such as its convenience centers, have been from General Fund revenues. Continued funding of these programs for the duration of the planning period will either be from the general fund or through host fees if a privately owned and operated municipal solid waste landfill is sited within the County.

Green Ridge Recycling and Disposal Facility, LLC (Green Ridge), a private waste disposal company, is proposing to site and permit a new Solid Waste Management Facility in Cumberland County, Virginia. The proposed facility is considered to be in general conformance with this Solid Waste Management Plan as well as the County's Comprehensive Plan and future development plans. The actual siting and permitting of this proposed facility is subject to permit approvals by the DEQ in accordance with the Virginia Solid Waste Management Regulations (VSWMR). The proposed landfill will be located approximately eight miles east of Cumberland County Courthouse on US Route 60. Figure 3 shows the approximate location of the proposed landfill. Access to the proposed facility will be from Route 60. The specific location of the proposed access road will be subject to VDOT approval.

The proposed Green Ridge landfill will be a sanitary landfill accepting Municipal Solid Waste (MSW) primarily serving Cumberland County and the rest of Virginia, including the Richmond Metropolitan Area. Under the terms of the Host Agreement with Cumberland County, MSW can also be accepted from a 500-mile radius of the landfill. Waste Generation for Cumberland County is not projected to increase significantly in the near future, and the estimates provided in Table 4 are considered valid.

The landfill's regular operating hours will be twenty-four hours per day on weekdays, opening at 6:00 a.m. on Monday morning and closing at 11:59 p.m. on Friday evening, and 6:00 a.m. to 4:00 p.m. on Saturdays.

The proposed landfill would operate under a DEQ permit to be obtained within the next 2 to 3 years. No changes to current solid waste disposal practices would occur until such time as permits for the new facility are obtained from DEQ. Actual facility details will be determined during the DEQ permitting process. The disposal area is expected to contain approximately 550 acres. The planned gross capacity of the facility has been calculated based on conceptual information at approximately 69 million cubic yards. The net airspace will be determined during the design of these systems and development of the operational parameters for the facility during the DEQ Part A and Part B application process. The allowable waste stream acceptance rate will be limited by the Host Agreement, which also provides for free solid waste disposal and recycling to residents of Cumberland County. The maximum amount of waste that can be accepted on any given day will be 5000 tons. Because the average annual waste receipt and effective in-place waste densities will vary, the practical life

of the facility will range from 35 to 50 years. The longer life assumes a higher in-place waste density and a lower average annual waste receipt.

Due to the conceptual nature of the proposed facility, additional amendments to the Plan, if necessary, will be implemented at the appropriate time in accordance with 9 VAC20-130-10 et seq., Amendment 1. Any such amendments are anticipated to be Minor Amendments.

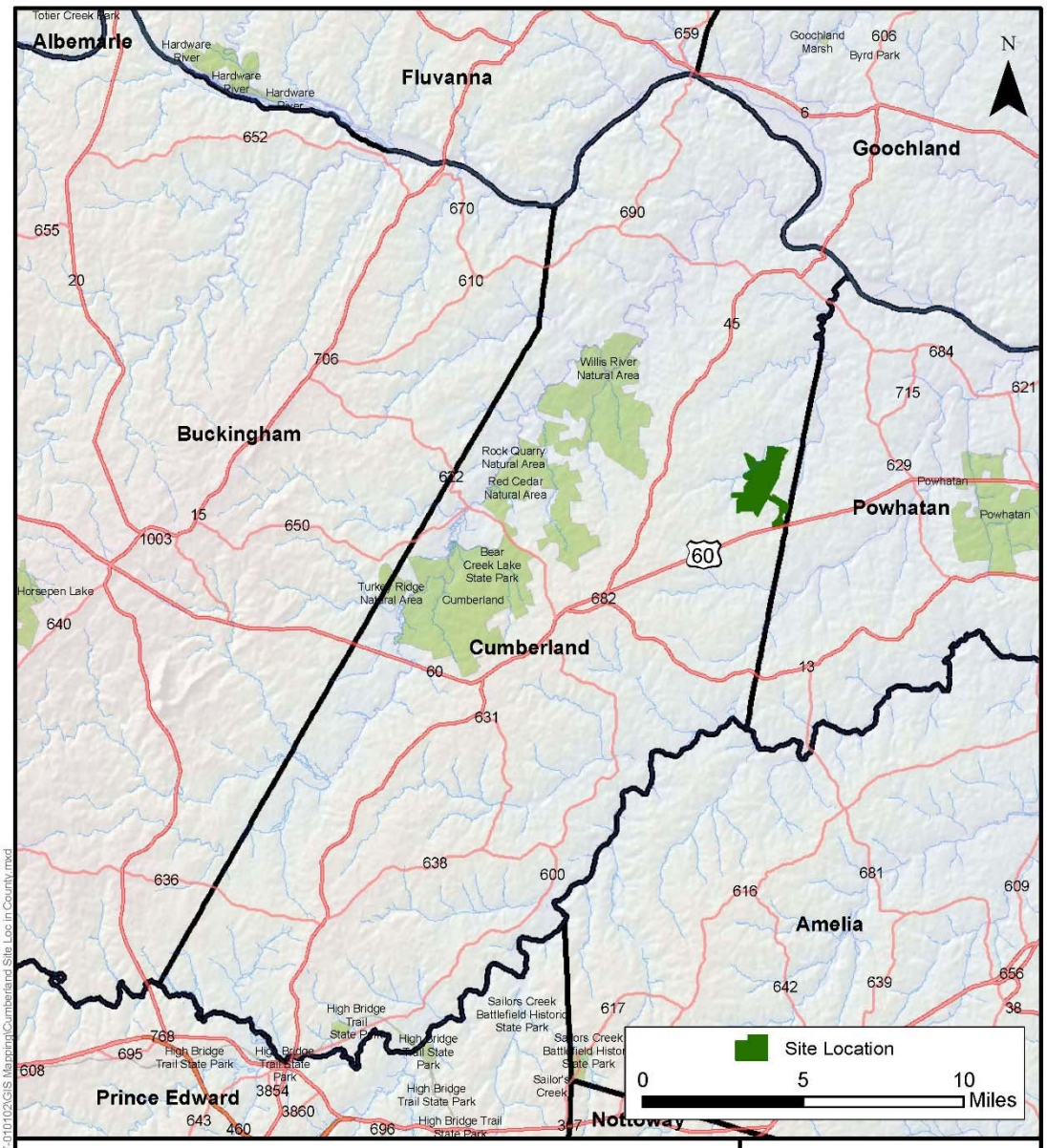
C. Solid Waste Management Planning (SWMP) Unit Recycling Rate

The recycling rate for the region is approximately 22.4%. The population density for the region based upon 2000 Census data (28,737) and a total 649 square miles is approximately 44.28 people per square mile. As of July 1, 2006, the mandatory recycling rate for a Solid Waste Management Planning Unit (SWMPU) with a population density of less than 100 people per square mile is 15%. The Prince Edward County / Cumberland County SWMPU meets this requirement.

The Counties will continue to look for improvements in recycling activities and practices during the planning period. If the recycling rate for the SWMPU drops below the current goal of 15%, then the Solid Waste Management Plan will be amended to incorporate a recycling action plan. The recycling action plan will cover the required milestones to meet the 15% recycling rate goal.

D. Collection/Transfer

The existing system of solid waste collection and transportation throughout the SWMPU is to be continued through the planning period. The existing system is functioning well and no significant changes are proposed. The counties will continue to evaluate the collection and handling of solid wastes and look for improvements that can be made to the system during the planning period. It is not intended at this point to supplant the public convenience facilities that faithfully serve the needs of the residents within the SWMPU with larger and more expensive transfer stations given the nearness of the disposal sites. In the event that a change in the current collection and transportation system is warranted, the Solid Waste Management Plan will be amended to reflect the change.



Site Location

Green Ridge Recycling and Disposal Facility
Cumberland County, Virginia

SCALE: 1:270,000

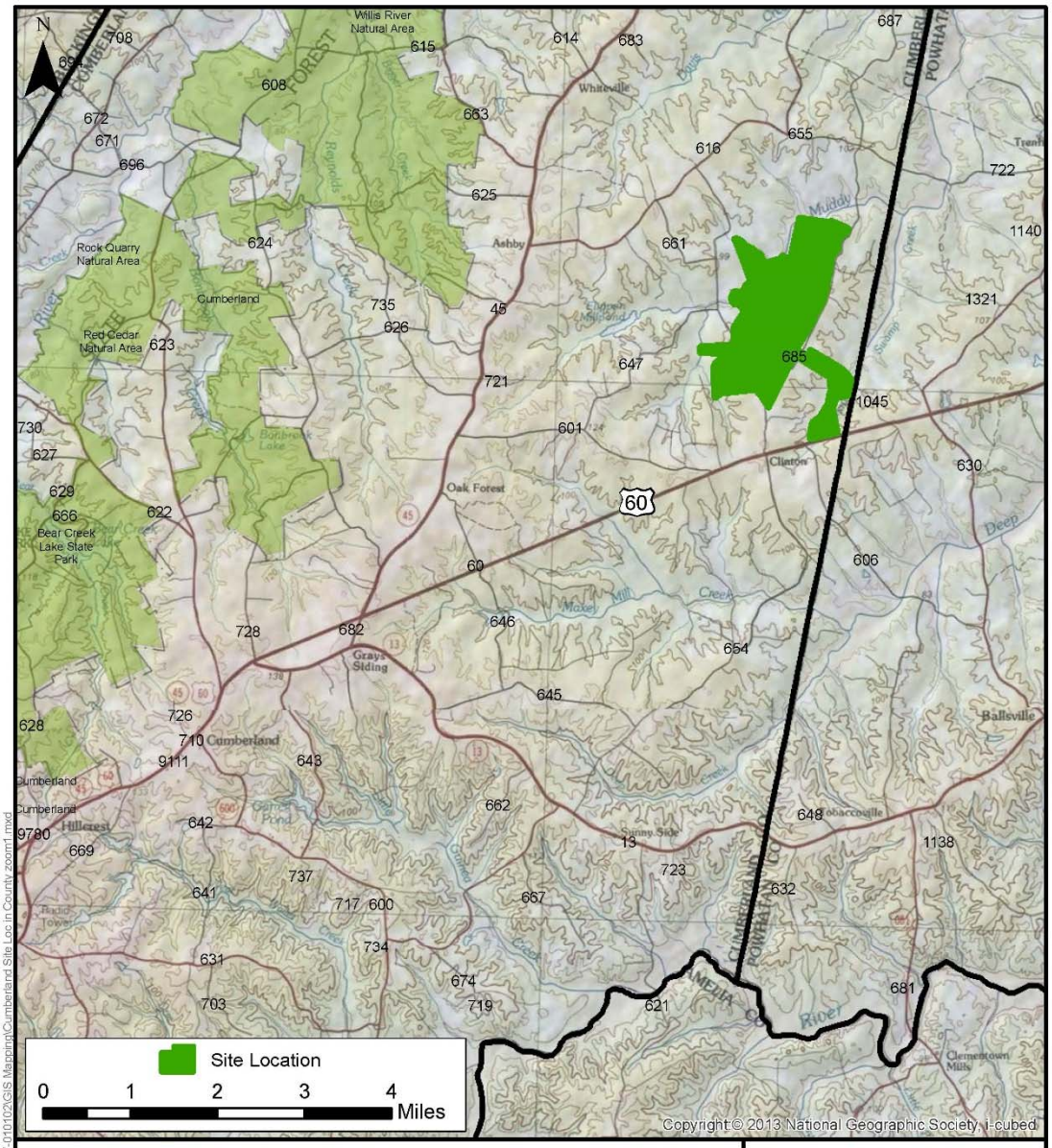
PROJECT: 18020117-010102

Draper Aden Associates
Engineering • Surveying • Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291
Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Raleigh, NC
Fayetteville, NC
Northern Virginia

DESIGNED:
DRAWN:
CHECKED:
DATE: 2-8-19

FIGURE
1

Path: P:\2018\18020\010018020117\18020117-010102\GIS Mapping\Cumberland Site Loc in County.mxd



Site Location

Green Ridge Recycling and Disposal Facility
Cumberland County, Virginia

SCALE: 1:100,000

PROJECT: 18020117-010102

Draper Aden Associates
Engineering • Surveying • Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291
Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Raleigh, NC
Fayetteville, NC
Northern Virginia

DESIGNED:
DRAWN:
CHECKED:
DATE:

FIGURE
1

Path: P:\2018\18020\010\18020117\18020117-010102\GIS Mapping\Cumberland Site Loc in County_zoom1.mxd

E. Central Archive

The United States Environmental Protection Agency and the Virginia Department of Environmental Quality maintain data on sites and facilities that have been permitted as disposal sites under the Solid Waste Management facility regulations, and of sites and facilities that have been permitted as treatment, storage, and disposal sites under the Hazardous Waste Management Regulations. The office of the County Planner of Prince Edward County in Farmville, Virginia will be the local Central Archive to receive and record information on permitted and closed disposal sites. Such information will be available for public scrutiny. To make current information available for public review, the Prince Edward County Planner will request periodically during the planning period that the Virginia Department of Environmental Quality provide copies of its latest database of permitted and closed sites. Similarly, the Prince Edward County Planner will periodically request the latest lists of Superfund sites and sites with potentially hazardous issues from the EPA. Sites with potential waste disposal issues are frequently identified by private entities during the Environmental Site Assessment process. To the extent that the results of these site assessments are provided to the Prince Edward County Planning Office, the inventory of active and closed disposal sites will be updated and forwarded to the director of the DEQ. Similarly, new disposal sites will be documented and recorded with a copy of that information sent to the director of the DEQ.

The office of the County Planner for Prince Edward County in Farmville, Virginia will also serve as the local Central Archive to receive and record information on the amount of solid waste produced within the SWMPU. The waste records from the Prince Edward County landfill are maintained in this office as well the County's records relative to recycling. Information on waste generation records and recycling records from Cumberland County will be submitted to this office. This information will, in turn, be submitted to the director of the DEQ.

F. Recycling Markets

Recyclables from the SWMPU are taken to three different privately owned and operated facilities.

White goods and other metals are taken to J & J Recycling in Farmville, VA. J & J is a scrap metal and salvage yard that collects, processes and transports metals to different end users in the mid-Atlantic area.

Tires are taken to Emmanuel Tire's Appomattox location and then are transported to Emmanuel's main processing plant in Baltimore, MD.

Household recyclables (cardboard, newspaper, plastic containers, and clean glass containers) are taken to STEPS, Inc., a recyclable material brokerage and processing facility in Farmville, VA. After processing and or sorting, STEPS transports the materials by truck to Chesapeake Fibers in Richmond, VA.

CHAPTER 5- WASTE GENERATION AND COMPOSITION

A. Waste Generation

The projected rate of filling and site life of the Prince Edward County Landfill is based on the current rate of volume utilization and a 2018 topographic survey. The rate of filling was calculated based on an in-place density of the waste of 1250 lbs./cu. yd (estimated from a density evaluation performed after Cell A had been in operation for approximately at least one year). At present, the facility receives approximately
82 tons of solid waste per day. This amount was escalated by 1 percent per year in accordance with area population projections.

Cells A through F of the Prince Edward County Landfill have a combined disposal airspace volume (waste and daily/intermediate cover materials) of approximately 1,805,954 cubic yards. Based on the above escalation rate, the proposed cells will have a projected site life of approximately 20 years.

Table 4 provides an estimate of the amount of solid wastes generated within Prince Edward County and Cumberland County coincident with the population projection for the Area. Published data from the United States Environmental Protection Agency was used for per capita generation. This number is 4.51 pounds per capita per day. As a comparison, tonnages received at the landfill and escalated as described above, are also provided. The quantities differ by about
7%.

TABLE 4 WASTE GENERATION PROJECTIONS				
	2000	2010	2020	2030
Cumberland County Population	9,017	10,100	11,000	11,800
Prince Edward County Population	19,720	22,500	24,900	27,200
Total Population for Planning Area	28,737	32,600	35,900	39,000
MSW Generation Based Upon 4.51 Lbs./capita/day	23,700	26,800	29,500	32,100
MSW Generation Based Upon Weight Records	25,600	28,300	31,200	34,500

B. Waste Composition

No published waste composition studies for either Prince Edward County or Cumberland County are available. Annual locality recycling rate reports only provide information or quantities of materials pulled from the waste stream prior to landfilling. Table 5 presents typical material percentages as published by the EPA and other sources.

TABLE 5 TYPICAL COMPOSITION* OF MUN1ClPAL SOLID WASTE			
Material	Current U.S. Average	1993 Westchester Co., NY	1953 Chandler, AZ
Paper and Paperboard	37.4%	39%	42.7%
Glass	5.5	8	7.5
Metals	7.8	9	9.8
Plastics	10.7	7	0.4
Rubber & Leather	2.7	2	1.0
Textiles	4.0	2	1.9
Wood	5.5	3	2.3
Food Scraps	11.2	10	21.8
Yard Trimmings	12.0	18	1.3
Miscellaneous	3.2	2	11.3
	100%	100%	100%

*By Weight

In reviewing the above information, it is important to note, in particular, the increasing role of plastics, not only over the last half century, but also over the last 10 years. This has a direct impact on recycling rate estimates that are based solely on weight. In actuality, we may be recycling more food and beverage containers, but because product packaging continues to shift to plastics away from heavy glass and metal containers, it appears that we are seeing little or no increase or, in some cases; even a decrease in our recycling programs.

C. Waste Character

Based upon the most recent data from Form DEQ 50-25 (Solid Waste Information and Assessment Program Reporting Table), the following represents a current percentage breakdown of the waste stream in the defined categories.

Construction/Demolition Debris (CDD)	7.4%
Land Clearing Debris (LCD)	1.5%
Industrial Waste (IND)	0.3%
Tires	0.1%

Since the SWMPU is primarily rural in character, and is expected to generally remain that way based upon population projections, it is not expected that these percentages will vary significantly in the future. Table 4A presents a forecast of these waste categories.

TABLE4A
WASTE GENERATION PROJECTIONS BASED UPON CATEGORY

Year	2000	2010	2020	2030
Category				
MSW (tons)	25,600	28,300	31,200	34,500
CDD (tons)	1,895	2,095	2,310	2,555
LCD (tons)	385	425	470	520
IND (tons)	80	85	95	105
Tires (tons)	26	28	31	35

CHAPTER 6- SOLID WASTE NEEDS ASSESSMENT

A. Prince Edward County

Prince Edward County owns and operates its own Subtitle D Sanitary Landfill with an estimated capacity that spans the 20-year Plan period. This considers the continuation of accepting waste from both Cumberland County and Buckingham County during this time frame.

The strategic location of the public convenience centers and accompanying recycling centers will serve the citizens of the County well during the planning period.

The closure of the County's landfill scheduled to occur just beyond the tail-end of the planning period will require the County to consider alternative disposal options starting midway through the planning period.

B. Cumberland County

Cumberland County currently has no active disposal facility located within its borders. It transports waste that are collected at the public convenience centers to a recycling facility pursuant to the County's contract with Container Rentals LLC

The planned Green Ridge facility, if permitted, will provide disposal capacity for the foreseeable future at no charge to County residents by the terms of the Host Agreement, a copy of which is available for review in the County's offices and on the County's website.

The strategic location of the three public convenience centers in the north, central and southern parts of the County should continue to serve the citizens well for the remainder of the planning period.

The closure of the Prince Edward County Landfill just beyond the end of the planning period and the continuing availability of other regional landfills are critical issues for the County to periodically review and evaluate.

Based on initial projections of capacity and waste receipts, the proposed facility would have an expected life of 35 to 50 years.

CHAPTER 7 - PREFERRED WASTE MANAGEMENT SYSTEM

A. General

It is important to recognize that the most appropriate waste management system for a given municipality or region is dependent on the demographics, geology, and resources of that municipality or region. Thus the extent to which the different elements of the Solid Waste Management Hierarchy are incorporated in the plan will often vary considerably from municipality to municipality or region to region. The Solid Waste Management Hierarchy (originally developed and promoted by the USEPA) is usually depicted as a pyramid with the most preferred element at the top and the lease preferred at the bottom:

Source
Reduction
Reuse, Reuse, Reuse
Recycling, Recycling, Recycling
Resource Recovery, Resource
Recovery
Incineration, Incineration, Incineration,
Incineration
Landfilling, Landfilling, Landfilling, Landfilling,
Landfilling,

Ironically, the least preferred element (landfilling) is the foundational element for the remaining elements and is the one element common to all integrated waste management strategies. Although, source reduction, reuse and recycling in certain locations can have a significant impact on reducing the amount of solid waste material and filled, it is not practical to consider that these three elements, in the foreseeable future, would dramatically reduce the amount of waste that will have
to be landfilled.

Source Reduction: This element of the solid waste management hierarchy, along with reuse, is for all intents and purposes, out of the direct control of the municipal jurisdiction within the service area of this plan. It could involve such disparate entities as manufacturers designing,

manufacturing, and packaging products to minimize waste, and consumers purchasing products and services with an eye towards reducing the generation of waste materials. Because the goal of source reduction is not to produce waste, it is difficult to gauge the effectiveness of educational programs (indirect measures) that may be instituted by a locality. Source reduction practices are not tracked within the service area of this plan.

Reuse:

Very similar to source reduction, this element could involve one time or multiple reuse of containers or packaging materials such as plastic or paper grocery bags and food containers (such as plastic margarine tubs); and donating clothes (in good condition) to charitable organizations for redistribution to others. Reuse practices also are not tracked within the service area. Expansion of reuse practices would rely heavily upon educational programs, but as with source reduction, it would be difficult to measure the effectiveness of dollars spent on such educational programs.

Thus it is that the top two preferences are difficult to implement and problematic to measure. However, the counties will continue to look for economical ways to promote source reduction and reuse during the planning period. Existing recycling information available to the public will be augmented with educational and informational programs on reduction and reuse as public funding will allow.

Recycling:

Recycling provides businesses, individuals, and families the opportunity to return valuable resources (both renewable and non-renewable) back to the manufacturing/industrial sector to produce new products. In the process, it reduces the amount of virgin materials needed and the production process likely will use less energy using recycled feedstocks of metals, glass, plastics, and paper.

Localities in the service area of the plan can have an impact on recycling activities through programs and facilities provided or made available to businesses and residences within their respective

jurisdictions. Drop-off areas and public convenience facilities have been designed or upgraded to include recycling boxes or containers. Future considerations would include limited curbside recycling programs in more density populated areas within the service area covered by this plan.

The mandated recycling rate for the region (SWMPU) is being met. If the rate drops below the currently mandated 15% for rural areas, the Solid Waste Management Plan will be amended to include implementation timelines incorporated therein.

Resource\Recovery/Incineration

Resource recovery, also referred to as Waste-to-Energy (WTE), is not a cost effective element of the hierarchy for implementation in a service area of the size associated with this plan. Most existing WTE facilities are in the 1000 TPD or greater through-put capacity. At a per capita generation rate of 4.51 lbs./day this would reflect a service area population of about 440,000. Such facilities also are difficult to site and permit because of stricter air emissions requirements, difficulties with jurisdictional political agreements, and intense public opposition. Incineration is the same as WTE except that energy (usually in the Incineration is the same as WTE except that energy (usually in the form of steam or electricity) is not recovered from the burning process.

Landfilling:

Landfilling, in the simplest terminology, is the engineered burial of solid wastes. Modem landfill facilities incorporate composite liner systems of soils and flexible membranes to serve as barriers to preclude the contamination of groundwater beneath the facility. Porous media and piping in a "leachate collection zone" above the liner system allows for the contaminated liquids to flow to a collection point where it is removed and treated on site or hauled or pumped to a treatment plant. Gas generated from the decomposition of wastes is vented and/or recovered. Groundwater and landfill gas monitoring points represent fail safe mechanisms alerting an owner to potential problems.

Landfilling of municipal solid waste generation within

the region covered by this plan will remain the most viable and economic method for the management of the waste stream. Landfilling will be integrated with viable recycling programs and, therefore, recycling and landfilling will form the cornerstone of the integrated waste management strategy for the region covered by this plan. Waste reduction and reuse will be promoted as funding permits.

B. Prince Edward County

Reduction/Reuse

As public funding allows, existing education and public information proposed for increasing participation in recycling will be augmented to include education/ informational programs on waste reduction and reuse.

Recycling:

The preferred recycling program will continue to be the operation of the drop-off centers at the public convenience centers and the curbside collection within the Town of Farmville.

Institution of curbside collection in more densely populated parts of the County could be a program to consider to increase participation rates and recyclable collections. Education and public information efforts will continue to be a component of the recycling program. The private sector will be relied upon to process and market recovered materials.

Based upon public hearing comments, Prince Edward County will research the economics of adding waste oil and antifreeze recycling capabilities at one or more of the public convenience centers.

Disposal:

The method of disposal for Prince Edward County will be the continued use of its Subtitle D Landfill. About 10 years into the planning period (2014), the County needs to assess whether it can expand its existing facility; transport wastes out of County to an existing or future facility; or implement a

new or emergent technology to handle its disposal needs.

C. Cumberland County

Reduction/Reuse:

As public funding allows, existing education and public information proposed for increasing participation in recycling will be augmented to include education/ informational programs on waste reduction and reuse.

Recycling:

The preferred recycling program for Cumberland County is to continue the operation of its drop-off centers located at each of its three public convenience centers. Education and public information programs will continue to be relied upon to increase participation rates and the collection of recyclables. The private sector will continue to provide for the processing and market of recovered materials.

Disposal:

Cumberland County will continue to rely upon the services of Container Rentals LLC for the recycling and disposal of its solid waste. The County will periodically evaluate, during the planning period, the development of a new County landfill; the use of any new landfill within the planning area or nearby as its primary means of disposal; or the development of new or emergent technology to manage its solid waste disposal needs.

For both Counties, existing public and private sector partnerships in the collection, and transport of municipal wastes, in the collection, transport and processing of recyclables and in the operation of disposal facilities will be maintained.

CHAPTER 8 -IMPLEMENTATION ISSUES

There are no significant implementation issues as the two counties are currently managing their solid wastes. Recycling is not mandatory within each county, but if either County would decide to implement curbside collection in more densely populated areas, the mechanisms would have to be developed to define the area, insure participation, and cover the costs. Provisions of disposal services would be accomplished through agreements or contracts with providers. If new public or private disposal facilities are identified, be they landfill or a new/emergent technology, local, state, and/or federal permits will need to be filed with their requisite public participation programs involving public meetings, public hearings, and comment periods.

In essence the Solid Waste Management Plan for Prince Edward County and Cumberland County is self-implementing upon formal approval of the plan by each County and approval of the plan by the Department of Environmental Quality. The existing system of solid waste management throughout the planning area is functioning well and no significant changes are proposed in the near future.

Cumberland County is the site of a proposed municipal waste landfill being developed by Green Ridge Recycling and Disposal Facility, LLC. If this site applies for and receives the necessary local government and state government approvals and/or permits, it will be the primary disposal facility for Cumberland County.

The Counties will continue to look for improvements to the management system during the planning period. In the event that a change is necessary, the Solid Waste Management Plan will be amended to reflect that change.

REFERENCES

A. Publications

1. Piedmont Planning District Commission; 1997 Solid Waste Management Plan Update; July 1, 1997.

2. Resource International, Ltd.; Prince Edward County Sanitary Landfill. Permit No. 584, Permit Amendment Application No.3; April, 2003.

3. Piedmont Planning District Commission; 2003 Comprehensive Economic Development Strategy (CEDS).

4. Virginia Employment Commission; "Statistical Labor Market Information"; Count Question Resolution Program; May 2, 2003.

5. American City Business Journals; "Where's the Best Place to Live in America"; May, 2004.

6. Central Virginia Waste Management Authority; Central Virginia Solid Waste Management Plan; February, 2004.

7. American Public Works Association; Municipal Refuse Disposal; 1966.

8. Herbert Jr. Lund; The McGraw-Hill Recycling Handbook; 1993.

9. Loudoun County Solid Waste Management Planning District; Public Review Draft Solid Waste Management Plan; March, 2003.

10. Virginia Department of Environmental Quality, Recycling and Litter Prevention - Mandatory Recycling Rates for Localities; 3 pages; July 2006.

11. Virginia Department of Environmental Quality. The Virginia Annual Recycling Rate Report- CY 2004 Summary.

B. Personal Interviews

1. Judy Ownby; County Administrator, County of Cumberland, Virginia.

2. Jack E. Houghton; Executive Director, Piedmont Planning District Commission; Farmville, Virginia.

3. Jonathan Pickett; County Planner, County of Prince Edward, Virginia.

4. Sherry Swinson; Assistant County Administrator, County of Cumberland, Virginia.

5. Ray McGowan, BFI Waste Systems of Virginia, LLC

6. Steve Batiste, Brown and Caldwell

APPENDICES

APPENDIX A
EXCERPTS FROM PPDC COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY

2003
COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY (CEDS)

PIEDMONT PLANNING DISTRICT

Prepared By:

Piedmont Planning District Commission
102 ½ High Street
P.O. Box P
Farmville, Virginia 23901
(434)392-6104
FAX (434)392-5933
e-mail: www.ppdc14@hovac.com
web: www.piedmontpdc.org

2004. The key issues of DMA2K are that States and localities must have an approved mitigation plan in place prior to receiving post-disaster Hazard Grant Program funds. After November of 2004, communities that do not have a mitigation plan may not be eligible to receive post-hazard mitigation funds. The purpose of this program is to establish a pre-disaster mitigation program as a planning tool that can be used when monies become available to address problems that can minimize natural hazards. Having this planning process in place helps to streamlines the disaster relief-response, if one occurs. The Virginia Department of Emergency Management is working with Planning District Commissions to try and make this process simpler. The key requirements of DMA2K are the development and adoption of a plan, plan strategies, a plan process, risk identification and vulnerability analysis as well as a plan maintenance (updating every 5 years).

Commission staff contacted all the localities as to the interest in developing a Regional All-Hazard Mitigation Plan to cover the localities of the District, per the Disaster Mitigation Act of 2000 (DMA2K) as described above. The region may be eligible to receive FEMA grant funds to cover 75% of cost with the 25% match coming from the localities. The cost per county including all incorporated towns is estimated to be $2,000 each. Six (6) of the 7 counties and 9 out of 11 towns expressed interest in participating in a Regional All-Hazard Mitigation Plan. The Commission received from the State Mitigation Officer in April 2003 an invitation to submit a letter of intent for the grant funds. The Commission submitted a request for $42,000, with the Commission supplying the $14,000 match. The total project budget is $56,000. An application will be submitted by the Piedmont Planning District Commission in July 2003.

The Commission assisted five (5) fire departments in applying to the 2002 FEMA Assistance to Firefighters Grant Program in April 2002. From this competition, Darlington Heights Fire Department (Prince Edward County) was successful in receiving $54,595 in funding to purchase personal protective equipment. Presently, the Commission is providing grant administration for this project. The equipment was bid out in February 2003. All equipment has been purchased.

In April 2003, the Commission assisted four (4) fire departments in applying to the 2003 FEMA Assistance to Firefighters Grant Program. The purpose of this program is to award grants directly to fire departments for the purpose of enhancing their ability to protect the health and safety of the public, as well as that of the firefighting personnel, facing fire and fire-related hazards. The primary goal of this program is to identify fire departments that lack the basic tools and resources to protect the public and their personnel. The four (4) fire departments included Phenix Volunteer Fire Department (Purchase a New Fire Truck); Rice Volunteer Fire Department (Purchase of Personal Protective Equipment); Victoria Volunteer Fire Department (Purchase a New Fire Truck); and Drakes Branch Volunteer Fire Department (Purchase of Personal Protective Gear). It is anticipated that FEMA will begin making announcements in July 2002 and will continue until all funds are awarded.

In April 2003, Daniel Gwinner, Environmental Senior Engineer, Department of Environmental Quality. (DEQ) appeared before the Full Commission to discuss the Regulations for Solid Waster Management Planning, Amendment 1, which was passed in August of 2000. The new regulations stipulate that every city, town and county in the Commonwealth shall develop a Solid Waster Management Plan and submit it no later than July 1, 2004. These new regulations replace the regulations previously adopted in 1990. Definitions were changed to comply with current statues and regulations and the recycling rate was fixed at 25% and the calculation methodology revised. The new regulations provide for withholding issuance permits for solid waste management facilities unless a valid plan is in place. The new regulations also allow for amendments to the plan instead of updates. There are also annual reporting requirements. Waste information for permitted facilities will be due March 31st of each year. A Recycling Rate Report will be due by April 20th of each year.

The Commission held a Forum at the Commission Offices on April 7, 2003 pertaining to the Solid Waste Management Planning. The Commission contacted all of the local contact persons, including County Administrators, Town Managers and Town Clerks, and invited them to attend the Forum to participate in a Forum discussion on the topic. Included in the packet of information submitted to all the local contact persons was a form with three options for meeting the July 1, 2004. These options were as follows: 1) each of the seven counties and eleven town develop independent local plans for their own jurisdiction; 2) a county and its incorporated Towns develop a min-regional plan; 3) regional plan which may include more than two county jurisdictions and up to all seven counties and eleven towns within the Piedmont Planning District. Option 3 could be implemented by local government personnel, other agency personnel (e.g. PPDC or other), or by contract services (consultant). As a result of the forum and the discussions held on the option, the staff was able to determine that the majority of the localities were leaning towards Options 1 and 2, with localities representing 64% of the region's population favoring one of these plans. Therefore, there was no consensus for a Regional Solid Waste Management Plan.

In May 2003, the Commission assisted the Town of Farmville in applying for funding to establish a new Emergency Operations Center in Farmville. This year the Congress appropriated $56 million dollars Nationwide for States and local units of government to establish Emergency Operations Center. This action was in response to 9/11. An Emergency Operations Center is more than a dispatch center, it is a command center for emergencies that can be utilized by multiple agencies including FEMA, the Fire Department, Police Department, Media, etc.

The Commission continues to provide administrative personnel and assistance to the Piedmont Regional Disability Services Board (PRDSB). Under State legislation, it is mandated that localities create and maintain either a local or regional Disability Services Board. The localities of the Piedmont Planning District, with the assistance of the Piedmont Planning District Commission, created a Regional Disability Services Board. The Piedmont Planning District Commission, at the request of the localities and the State, provides State support to the PRDSB with the State providing funding for staff support. Commission staff are responsible for executing directives, policies and assignments in the furtherance of the PRDSB mission, goals and objectives. Duties of the Commission staff for the PRDSB include developing agendas, preparing minutes, maintaining records pertaining to the financials, prepare the biennale Disability Services Needs Assessment for the District,

administer the Rehabilitation Service Incentive Fund (RSIF) grant application process, responsible for the administration, monitoring and reporting to the State for RSIF grants and overall assistance and advise to the Board. In February 2003, the PRDSB 2003 Needs Assessment was completed. It was the conclusion of the Assessment that there was a lack of coordination of distributing information on services that are available to the disabled. PRDSB recommended that the current director of services be updated.

In June 2002, Dr. Charles Brownell, Professor of Art & History at VCU gave a presentation on the Jeffersonian Courthouses National Historic Landmark Theme Study. In 2002, the Commission began assisting the Virginia Department of Historic Resources in completing a study of Jeffersonian Courthouses to prepare nominations for National Historic Landmarks. These Courthouses are either designed by Thomas Jefferson or provided direct supervision or training. All of the Courthouses that were studied are already listed on the Virginia Landmark National Register. However, the goal of this project was to provide National recognition to these Courthouses so that door will be opened to funding to help preserve them historically in the future. According to Dr. Brownell work will continue through the summer to document three Courthouses two (2) Courthouses within the District: Charlotte and Lunenburg. Also included will be Goochland, however it is outside the District. The Charlotte County's Courthouse is the only Courthouse in Virginia that is documented to have been designed by Thomas Jefferson himself.

11. Provide Technical Assistance to Local Jurisdictions in the Implementation of Various Strategic

OTHER BUSINESS

Mr. Houghton stated that Mr. Harvey Whitaker, who has served as the alternate on the Commission for the Town of Farmville, and in past year's the Elected Representative, has been replaced by Ms. Anne Nase. Mr. Green moved and Mr. James Moore seconded to adopt a resolution of appreciation to be given to Mr. Whitaker for his years of service to the Commission. Motion carried. –

April 3, 2003 – Full Commission Meeting

INFORMATION ITEMS

-WATER!!!, Ms. Katie Register, Executive Director, Clean Virginia Waterways

Ms. Cindy Morris introduced Ms. Katie Register. Ms. Register is the Executive Director of Clean Virginia Waterways (CVW), a Statewide, nonprofit organization dedicated to improving the cleanliness and quality of Virginia's waterways through education and citizen stewardship. CVW is affiliated with Longwood University's Department of Natural Sciences. Ms. Register is the adjunct instructor in Environmental Sciences at Longwood University and is co-Director of the Appomattox River Quality Monitoring Program. Ms. Register also serves on the Virginia Water Monitoring Council.

Ms. Register gave a power point presentation on Water. Ms. Register began by stating that the Appomattox River Quality Monitoring Program mentioned in her introduction is a program that has been ongoing for the past three (3) years. Data has been gathered on area rivers including the Appomattox and some of its tributaries, as well as a few rivers in Charlotte County. Ms. Register brought charts displaying some of the data that has been collected on these rivers. Fecal Coliform has been identified as the leading impairment in these rivers and is the leading impairment in Virginia's streams and rivers. Ms. Register stated anyone wishing to look at these charts may contact her office.

Ms. Register stated that Clean Virginia Waterways (CVW) does a lot of water education activities and stewardship. CVW runs the international coastal cleanup throughout the whole State, which includes getting old tires and old refrigerators out of the rivers and off of the beaches.

Water is a very unique. Water is vital to human life. Agriculture is the number one use of water in the United States. Water is used for many things, including domestic use, commercial fisheries, recreational, habitat for fish and wildlife, industry and hydropower. The Water Cycle is the never-ceasing movement of water between the sky, land and sea. The radiant heat of the sun and earth's gravity power this dynamic cycle that includes evaporation, condensation, precipitation, transpiration (water returning to atmosphere from plants), and infiltration of water into soil or rock crevices. The majority of the earth's surface is water, with 98% of it being salt water, which leaves only 3% of freshwater. A large part of the 3% freshwater is in glaciers and therefore, there is very little fresh water left for groundwater, rivers and lakes. This alone should make us take care of the water we have more carefully. Water can purify itself, as long it is not polluted faster than it can purify itself and as long as ground water is not taken out faster than it can percolate in.

Ms. Register stated that a watershed is land area that drains water to a particular stream, river, lake, bay or ocean. Watersheds like the Chesapeake Bay Watershed can be very large, containing thousands of smaller watersheds. There are 49,350 miles of perennial rivers and streams; which is approximately 2,500 square miles of estuaries in Virginia. Virginia's Department of Environmental Quality monitors the health of about 40% of these streams. Some of the types of water pollution include, chemical (pesticides), physical (erosion, trash), or biological. The sources of water pollution include point source pollution and nonpoint sources. Point sources are easy to identify and include factories & sewage treatment facilities. Nonpoint sources are not as easy to identify and are more expensive to clean up. Nonpoint source pollution includes; runoff pollution from urban areas, lawns, parking lots, farm fields, septic systems, and atmospheric deposition.

One of the biggest pollutants in the Chesapeake Bay region is Nutrient Enrichment, primarily phosphorus and nitrogen. Over-enriched water leads to excessive algae growth that blocks light to aquatic plants which leads to loss of grass beds, which is food for waterfowl and habitat for other creatures. Also, when algae die, their decomposition depletes the dissolved oxygen in the water. Some of the sources of nutrient include, fertilizers, human waste, animal waste and atmospheric deposition of nitrogen.

Water can be protected by modifying our behavior through education and regulation.

Mr. Daniel Gwinner, Environmental Senior Engineer, Department of Environmental Quality (DEQ)

Mr. Gwinner stated he had come to discuss the Regulations for Solid Waste Management Planning, Amendment 1, which was passed in August of 2000. These regulations are available on the DEQ website at : www.deq.state.va.us/waste/wastereg130.html. This new regulation replaces the regulations previously adopted in 1990. In 1998, Executive Order #25 stipulated that all regulations be reviewed every three (3) years to see if they needed to be amended. It has been ten (10) years since the last Solid Waste Management Plans have been adopted and therefore, it was decided that a new plan needed to be adopted. Solid Waste Management Plans help prevent long-term problems such as water and soil contamination. It helps promote recycling and improves the tracking and management of solid waste.

In 1991, plans could be developed by Town, City, County or Region. Eighty-one (81) plans were submitted and approved including a plan from the Piedmont Planning District for this region. Mr. Gwinner stated the previously established regions are still in effect. Plan updates were required every five (5) years from the 1991 deadline. The Recycling Rate was set at 10% for 1991, 15% for 1993 and 25% by 1995.

The new regulations stipulate that every city, county and town in the Commonwealth shall develop a Solid Waste Management Plan and submit it no later than July 1, 2004. DEQ will return comments on plan deficiencies within 90 days or notify applicants when review will be completed. Plans will need to be resubmitted within 90 days after notified of deficiencies. Plans that are approved will be effective upon notification. Some of the definitions were changed to comply with current statutes and regulations and the recycling rate was fixed at 25% and the calculation methodology revised. The new regulations provide for withholding issuance of permits for solid waste management facilities unless a valid plan is in place. The new regulations also allow for amendments to the plan instead of updates. There are two kinds of amendments; major and minor. There are also annual reporting requirements. Waste information for permitted facilities will be due March 31st of each year. A Recycling Rate Report will be due by April 30th of each year.

Mr. Gwinner then went over the actual format of the plan. Several people questioned whether they could just update their old plan. Mr. John Ely, Director of Waste Programs, DEQ, stated that localities or regions can look at their old plan and bring it up to date and then send it in.

Mr. Houghton stated that in 1991, the Commission prepared the plan for this region including; Amelia, Buckingham, Charlotte, Cumberland, Lunenburg and Prince Edward and incorporated Towns in these localities. Nottoway County and the Towns included in Nottoway did their own plan and therefore, were not included in the regional plan. This plan did not cost the localities anything because the State provided funding for regional plans at that time. Mr. Houghton stated it is his understanding that there is no State funding this time for preparing a regional plan. Mr. Houghton stated he is concerned, that having gone through this process once before, the Commission does not have the resources to prepare another plan without funding from some source. Mr. Houghton stated the localities of this region will need to decide how they plan to address the new planning requirements. Mr. Houghton stated the Commission would be receptive to taking on this task as a project, but funding would have to come from some source to support this activity. This project would take approximately one (1) year to complete.

Mr. Ely stated that while he understands that funding is an issue, he does not anticipate the State, with its current budget crisis, being able to provide funding for the preparation of Solid Waste Management Plans. DEQ will be going out to different regions of the State to explain the process and answer any questions that may arise. Mr. Ely

stated that Solid Waste Management Planning is a vital task that localities need to do to identify what they will be doing with their waste in the future. These regulations also help guide localities to plan to dispose of their waste in better ways instead of putting it into the ground.

Mr. Houghton stated that some localities are under the misunderstanding that if they do not operate a landfill they do not have to submit a plan. This is not true. All localities, regardless of how they dispose of their waste, have to submit a new plan by July 1, 2004.

Discussion was held on this issue. Several Commissioners were concerned about the unfunded mandates that are being handed down by the State thus, putting the burden of funding on localities.

Mr. Houghton stated several scenarios of how this plan could be completed. Each locality could prepare it's own plan and submit it on their own but the dis-economies of seven (7) Counties and eleven (11) Towns doing this would be enormous. A Regional Plan could be prepared by someone, possibly the Commission or a Consultant. If the Commission is asked to do this, we would sit down with DEQ to draw up a scope of work and work out a budget. This information would then be presented to the localities of the region to see who would like to opt to have the Commission prepare the plan. It is also a possibility that the Commission could procure a Consultant to do the Regional Plan for those participating localities.

Mr. Smyth asked what would happen if the localities did not submit by the July 1, 2004 deadline, could they receive an extension? Mr. Ely stated, at this point, the State would not like to be discussing extensions, this would come much later in the process. Mr. Ely reminded the localities that this process is supposed to help the communities plan for the future and not be a burden to the communities.

Mr. Jerome stated that this requirement is based on State Law that is created by the Legislature. Mr. Jerome stated that if the localities feel this is an onerous requirement, then the localities should contact their representatives to see if they can get some mitigation, whether if be time or requirements. Mr. Jerome stated he did not feel that we should just "roll over" without going to the source first.

Mr. Houghton asked the Commissioners how they would like to proceed on this matter. It was the general consensus of those present that the regional approach would be the course to take.

COMMISSION ACTION ITEMS

Action Items - Requests

Mr. Houghton stated due to the meeting going late, all the requests will be handled in block .Mr. Houghton stated he did want to note how many requests the staff are handling, considering the staff is down to five (5) people. Ms. Hampton asked if the Commission charges for working on all of the requests listed? Mr. Houghton stated that the Commission does not charge for all project requests. Mr. Houghton stated he would indicate which projects the Commission charged for and which ones we did not. The requests are the following:

Request from the Town of Kenbridge for Assistance in Applying for VDOT Enhancement Funds - No Charge for Preparing Application
Request from Lunenburg County for Assistance in Applying for VDOT Enhancement Funds - No Charge for Preparing Application

by the Counties will cover the Towns within those jurisdictions. Mr. Houghton stated that the majority of localities in the District have responded affirmatively. The Commission has received from the State Mitigation Officer an invitation to submit a letter of intent for the grant funds. There will be $200,000 available Statewide. The Commission has submitted a request for $42,000, with the Commission supplying the $14,000 match. The total project budget is $56,000. The project schedule will require one year to complete this project.

-PPDC Letter of Support for Road Segments in the State's Six-Year Plan

Mr. Houghton reported that at last month's meeting the Commission voted to send a letter to VDOT Commissioner Shucet to include two road segments (improvements to Route 307 & four-laning of Hwy. 15 from Farmville to Kingsville) in the Six-Year Planning Process. This letter was sent on March 17th. The Commission received a response from VDOT on March 25th. This response was included in the Commission packet for review.

-VDOT Enhancement Program Workshops

Ms. Morris reported that VDOT will be accepting applications for the Enhancement Program on July 1, 2003. There is approximately $15 million dollars available for this year's competition. VDOT will be holding several workshops across the State, with two workshops in this area. One will be held on April 22nd at the VDOT Richmond VDOT Office at 1:00 p.m. The other workshop will be held on April 29th at the VDOT Shop in Farmville at 10:00 a.m. VDOT staff will be reviewing the new scoring and selection process for the program. The Commission is currently under contract to assist several localities with specific projects under this program. Ms. Morris stated any locality wishing to apply for Enhancement Funds for either an existing project or a new project, should provide a brief written request for assistance to the Commission. Anyone with questions concerning this program may contact the office. Ms. Morris stated Mayor Morrissette notified the Commission that Burkeville will be submitting a written request for assistance in applying for additional Enhancement Funds. Mr. Houghton stated that Buckingham County delivered a request for assistance by Mr. Luke at tonight's meeting. Ms. Morris stated Commission staff will be attending the Farmville workshop.

May 1, 2003 – Full Commission Meeting

INFORMATION ITEMS

-SCOPE/Meals on Wheels, Mr. Hoke Currie, Coordinator

Mr. Currie recognized Mr. Jim Ray, Chairman of the Meals on Wheels and also the Food Services Director of Southside Community Hospital. Mr. Currie stated that the Piedmont Planning District Commission has more clout then any other organization he had spoken to recently. Mr. Currie stated that SCOPE has delivered meals to over 211 people in the past 2 ½ years. In 2002 alone, SCOPE delivered 17,185 meals. Mr. Currie gave examples of the clients that they serve, all of which have recently passed away. One client was a male who was 88 and had been served meals for the past year and a half. Another was a female who was 71 and had been served meals for about 2 ½ months. Clients pay for the meals according to their income. One of the mentioned clients paid $3 per meal the other did not pay anything. Mr. Currie stated SCOPE currently serves mainly Prince Edward, with a limited number of clients in Cumberland, Buckingham and Lunenburg counties. Mr. Currie stated they basically serve an area within 20 miles of Farmville. Mr. Currie stated this program will not save anyone's life, but it will allow people to live better and longer and to stay in their homes longer than they would otherwise. Mr. Currie stated the SCOPE/Meals on Wheels program enjoys great support from the community. Mr. Currie directed attention to a newsletter that he passed out that listed the supporters that ranged from individuals, businesses, clubs & organizations, churches, corporations, FEMA and Prince Edward County. Mr. Currie stated that SCOPE

also serves meals to clients who come to the Dialysis Center in Farmville, but may be from a neighboring County. Mr. Currie stated if any of the other localities are interested in starting a Meals on Wheels program in their locality, he stated he is sure they will have the same level of support from their community. Mr. Currie stated the planning for their program took 2 ½ years to develop before they served their first meal. Mr. Currie also passed out statistical information on their program. Mr. Currie stated this program also assists clients in other ways. Sometimes, when drivers deliver the meals, they may find the client in need of medical assistance and can call for assistance. Clients also enjoy the company.

Mr. Currie stated there are four (4) components needed for a Meals on Wheels program 1) Food Services/Preparation, 2) Volunteers, 3) Funding and 4) Administration. Mr. Currie stated he would be happy to go and speak to any group that is interested in starting a Meals on Wheels program. Mr. Currie stated that the SCOPE program is already serving hot meals to its distance capacity. To expand this program would require that new satellite programs begin in other communities.

Mr. Currie asked for general support for the SCOPE/Meals on Wheels program and to also pass the word to other communities that may be interested in beginning a similar program. Mr. Currie did state however, that SCOPE is always interested in finding new funding sources and would be interested if the Commission was aware of any funding opportunities. Commissioners discussed different ideas on how to begin new programs in other communities.

Mr. Green moved and Mr. Scarborough seconded for the Commission staff to contact other localities to see if there is interest in Meals on Wheels in their locality. Motion carried.

COMMISSION ACTION ITEMS

-Request for Assistance in Applying for VDOT Enhancement Funds - Buckingham County, Town of Drakes Branch, Town of Burkeville, Town of Victoria, and Town of Blackstone

Ms. Morris stated that the Commission had received request from the following localities for assistance in applying for VDOT Enhancement funds:

Buckingham - New Project for Courthouse Enhancement Project
Drakes Branch - Existing Project for Downtown Enhancement
Burkeville - Existing Project for Train Station Relocation and Renovation
Victoria - Existing Project for Railroad History Park
Blackstone - New Project for a Transportation Museum

Ms. Morris stated that with these five (5) new requests, this brings the total of Enhancement Projects that the Commission staff are working on to eleven (11). Ms. Morris stated that the Commission has received a lot of phone calls and requests for assistance on this program. Ms. Morris noted that with limited staff, the more projects that the staff take on, the less time there is to spend on each of these projects.
Mr. James Moore moved and Ms. Swinson seconded to approve the listed requests for assistance. Motion carried.

Request from the Town of Blackstone for Assistance in Performing and Environmental Review on the Cox Road Self-Help Project

Ms. Morris stated the Commission received a request from the Town of Blackstone for Assistance in Performing an Environmental Review on the Cox Road Self-Help Project.

Ms. Swinson moved and Mr. Smyth seconded to give the Executive Director authorization to assist the Town of Blackstone. Motion carried.

-Memorandum of Agreement Between the Town of Blackstone and PPDC for Technical Assistance

Ms. Morris reported that in anticipation of the Commission's approval for the request to assist the Town of Blackstone, the Commission has already prepared a Memorandum of Agreement between the Commission and the Town of Blackstone.

Ms. Swinson moved and Ms. Pugh seconded to give authorization to the Executive Director to execute the agreement between the Commission and the Town of Blackstone. Motion carried.

-Request from Prince Edward County for Assistance for the Rice Fire Department in Applying for FEMA Fire Grant Monies

Ms. Morris reported that enclosed in the Commission packet is a request from Prince Edward County for Assistance for the Rice Fire Department in applying for FEMA Fire Grant monies. Ms. Morris stated due to time constraints, the Commission has already assisted Rice with this application.

Mr. James Moore moved and Mr. Reid seconded to approve the request from Prince Edward. Motion carried.

-Solid Waste Management Plan Status Report

Ms. Morris stated that enclosed in the packet is a Solid Waste Management Planning Status Report from the Executive Director. Ms. Morris stated that this report is basically a summary of the process the Commission staff have undertaken since the last Commission meeting. Ms. Morris stated all local contact persons, including County Administrators, Town Managers and Town Clerks, were invited to attend a April 17th Forum that was held at the Commission offices to participate in a forum discussion on Solid Waste Management Planning. Those in attendance were representatives from Amelia, Buckingham, Charlotte, and Prince Edward counties, as well as a representative from the Town of Charlotte Court House. Included in the packet of information sent to each local contact person was a form with three options for meeting the July 1, 2004 plan requirements.

The first option is for each of the seven counties and eleven towns to develop independent local plans for their own jurisdiction. This could be accomplished by the local government personnel and/or by contract services (consultant).

The second option is for a County and it's incorporated Towns to develop a mini-regional plan. Each jurisdiction participating would be addressed individually. This option could be implemented by local government personnel and/or contract services (consultant).

The third option would be a regional plan that may include more than two county jurisdictions and up to all seven counties and eleven towns within the Piedmont Planning District. This option could be implemented by local government personnel, other agency personnel (eg. PPDC or other), or by contract services (consultant).

In 1991, six counties and eight incorporated towns participated in the development of one regional plan directed and implemented by the Piedmont Planning District.

Ms. Morris stated that the memo report states that, as of this date, the Commission has heard back from 77% of the localities in the region. At this time, a consensus appears to be shaping up in favor of Options 1 and 2, collectively representing four counties and five towns (64.4% of the region). One county and one town are in favor of Option 3, the regional plan. Two counties and five towns have not expressed their individual wishes and are not otherwise covered by an other option. Nottoway County and its incorporated

towns did not participate in the 1991 Regional Plan. Nottoway County has indicated they will again be submitting a Plan for the County and it's incorporated Towns in 2004.

With the information that the Commission has received, it appears that while a regional plan may be submitted, it will not be of the magnitude of the one prepared and submitted by the Commission in 1991. The Commission could still consider some form of a regional solid waste plan if a stronger consensus emerges in the coming weeks, but the smaller number of participating jurisdictions will mean that each participating jurisdiction will have to bear a larger individual share of the total project cost. The Commission has checked on the cost for preparing plans and those costs vary tremendously depending on the localities circumstances. If a locality owns and operates their own landfill, they may need to hire an engineer, which is more costly as opposed to localities that do not own their own landfill. Ms. Morris stated that the Virginia Department of Planning and Budget did an Impact Study and Analysis on the cost and projected the cost to be $10,000 to $20,000 per plan.

Ms. Morris stated that representatives from Hayes, Mattern & Mattern, Inc. were present and may have some further information to share on the subject.

Mr. John Payne, Hayes, Mattern & Mattern, Inc. stated the Solid Waste Management Plan submitted in 1991 is similar to the current waste assessment reports that localities have to submit to DEQ. The Plan submitted in 1991 did not have to include the annual recycling report that is submitted to DEQ by the localities. The annual recycling report will be required to be included in the 2004 Plan. The cost for plans can vary a lot. Mr. Payne stated he called other consultants to see what the current cost are for plans. Mr. Payne stated one consultant stated they are doing a regional plan in for three localities in Pennsylvania that will cost $70,000. However, the localities in that region also participate in landfill mining as well as running a landfill and recycling. Mr. Payne stated that localities will get a better price, the more localities that go together. Mr. Payne stated that this region will probably be on the lower end of the cost range for developing a plan. It will depend however, on how well organized a locality is in keeping records and data on solid waste management. Mr. Payne also stated that public participation is a requirement that includes a citizen advisory committee. Mr. Payne stated the Plan that is due in 2004 is a good opportunity for localities to analyze what they are currently doing and plan for the future. This could include hiring a consultant to prepare a report that would include options for expanding their current operations or to close their current land fill and receive bids from private firms to haul the trash to other landfills. There are many avenues that could be analyzed in such a report. Mr. Payne stated that on the recycling side of the issue, in this area recycling is market driven and therefore the localities are at the mercy of the market. However, if a locality is interested in developing a recycling facility, this could also be analyzed. Mr. Payne stated that would probably not be feasible for this area.

Mr. James Moore asked what Roanoke is currently doing? Mr. Payne stated that the City of Roanoke, Roanoke County and the Town of Vinton share a regional landfill. However, the City of Salem has their own landfill. Each locality is responsible for their own recycling.

Mr. Smyth asked if a waste to energy facility were located in the region wouldn't this serve as an important ingredient to the resolve of recycling. Mr. Payne stated that the big consideration with a waste to energy facility would be, is there enough demand for the energy.

Mr. Payne stated that DEQ does not expect localities to foresee everything for the next twenty years. However, they do expect localities to start with what they are doing now and utilizing 20 year population projections and the current waste tonnage, project what they plan to do in the future. Whether it be open a new facility, expand or close the current facility or have the waste hauled elsewhere.

Mr. Smyth stated he felt that none of the localities would have the personnel to do a plan on their own. Mr. Smyth also stated he felt hiring a consultant would be cost prohibitive. Mr. Smyth felt that localities would need to go together to do a regional plan.

Ms. Morris stated included in Mr. Houghton's memo is a recommendation that states there is insufficient consensus for the development of a Regional Solid Waste Management Plan. Mr. Houghton recommends that the Commission suspend further consideration of a 2004 Solid Waste Management Plan and prepare to provide technical assistance to interested localities in the form of needed demographic statistical data and solid waste generation projections. In the event that individual jurisdictions seek further assistance, those requests will be negotiated on a case by case basis.

Ms. Swinson asked what constitutes a regional plan? Ms. Morris stated she had a phone call into Mr. Gwinner to answer that question, but Mr. Gwinner had not returned the call. Mr. Payne stated his understanding was that because each locality (County, City & Town) had to prepare a plan, any combination of these would constitute a regional plan.

Ms. Swinson asked Ms. Morris if she could find out if non-contiguous counties/towns could do a regional plan together.

Mr. Smyth stated that the position Lunenburg is taking is that first the July 2004 deadline is ridiculous, and two that this is another unfunded mandated. Mr. Smyth stated the Board is writing a letter to all the legislators and copying all the county supervisors and administrators and also asking them to contact the legislators. The County is asking that this legislation be changed. Mr. Smyth stated Lunenburg's position is that they want to address the legislators first to get the legislation changed to give them more time and possibly monies like they did last time to complete this plan. Ms. Morris asked if Mr. Smyth could copy the Commission also in the letter.

Mr. James Moore moved and Mr. Reid seconded to table the matter until next month. Motion carried.

-Comprehensive Economic Development Strategy (CEDS) Draft Goals, Objectives and Strategies

Ms. Hickman stated enclosed in the Commission packet is the Draft Goals, Objectives and Strategies. Ms. Hickman stated that as reported last month, all 18 jurisdictions in the Planning District were contacted as well as 76 local service providers involved in economic and community development issues for comments on the 2003 Goals, Objectives and Strategies. The deadline for comments was April 1st. Ms. Hickman recommended that the Commission approve including this section in the final 2003 Comprehensive Economic Development Strategy.

Ms. Swinson moved and Mr. Goin seconded to include the draft Goals, Objective and Strategies in the final 2003 Comprehensive Economic Development Strategy. Motion carried.

INFORMATION ITEMS

-Longwood College Intern Report, Ms. Jan Shelton

Ms. Morris introduced Ms. Jan Shelton who is an intern that has been working for the Commission since January of 2003. Ms. Shelton is a Senior, Social Work Major at Longwood University. Ms. Shelton stated this internship fulfilled one of two internships that she would be completing.

Ms. Shelton presented a power point presentation on the Cumberland County Water Project. Ms. Shelton stated that the Commission staff completed field survey work in the Cumberland Courthouse area in order to collect information for a Virginia Community Development Block Grant application. The survey included questions on the income of the residents in order to determine if the resident was a low-to-moderate income household. There were a total of 317 people and 109 households in the proposed project area. After completing the survey, it was evident that 56.9% of the population in the project area were low-to-moderate income. The survey also indicated that 33% of the households were in favor of the project, 43% were not in favor of the project, and 24% are undecided. Ms. Shelton showed in the presentation

funds requested for projects that are selected. The Transportation Board also will require that projects be completed within four (4) years of the availability of funds.

Ms. Morris stated with only two months left until the July 1st deadline, Commission staff have already begun working on these proposals. Ms. Morris stated that it is important that the Commission know which localities will be requesting assistance so that the staff can make the best use of the personnel time. Requests will be accommodated on a first come, first serve basis. Ms. Morris stated any locality that would like assistance that has not already contacted the Commission will need to do so immediately.

-FEMA Fire Grant Program Status Report

Ms. Foster stated the FEMA Assistance to Firefighters Grant Program 2003 competition deadline was April 11th. This year there is $750 million dollars available Nationwide. Over the last two program years over $442 million dollars has been awarded to local fire departments and fire service organizations across the Nation. This district has been very successful with this program. Over the last two years this district has received $296,715 in grant funds for Fire Departments.

This year, the Commission assisted four (4) Fire Departments in applying for FEMA Assistance to Firefighters Grant funds. They are as follows:

-Drakes Branch Volunteer Fire Department	Purchase of Personal Protective Equipment
-Phenix Volunteer Fire Department	Purchase Fire Truck
-Rice Volunteer Fire Department	Purchase of Personal Protective Equipment
-Victoria Volunteer Fire & Rescue Department	Purchase Fire Truck

Ms. Foster stated that again this year the applications were e-applications that were completed and submitted through the internet. Application review will begin in May with announcements being made in early June and will continue until all funds are awarded. Good luck to all of the Fire Departments!

June 5, 2003 – Full Commission Meeting

INFORMATION ITEMS

-Status Report on Jeffersonian Courthouses, National Historic Landmark Theme Study, Dr. Charles Brownell, Professor of Art & History at VCU.

Mr. Bob Carter stated that a little over a year ago the Commission began assisting the Virginia Department of Historic Resources in completing a study of Jeffersonian Courthouses to prepare nominations for National Historic Landmarks. Mr. Carter stated these Courthouses are either designed by Thomas Jefferson himself or he provided direct supervision or training. Mr. Carter stated all of the Courthouses that were studied are already listed on the Virginia Landmark National Register. Mr. Carter stated, however the goal of this project is to provide National recognition to these Courthouses so that doors will be opened to funding to help preserve them historically in the future. Mr. Carter stated the PPDC seemed to be a natural partner in this study because the greatest number of the most significant Jeffersonian Courthouses are in the counties served by the PPDC. Mr. Carter stated the Virginia Department of Historic Resources was able to receive funding to hire Dr. Charles Brownell of VCU to conduct this study of the Jeffersonian Courthouses. Dr. Brownell is the author of several award winning books on the history of Virginia architecture and the role of Thomas Jefferson in making this history. Mr. Carter stated the PPDC's role has been to make contact with the localities in question and set up meeting times and dates to go and see these Courthouses

and also to provide information to the public. Mr. Carter stated hence the invitation for Dr. Brownell to give the presentation at tonight's meeting.

Dr. Brownell gave a presentation on the "Jefferson's Reform of Virginia Architecture and the County Courthouse". Dr. Brownell stated he would give a brief presentation on the Jeffersonian Courthouse Study. Dr. Brownell passed out a handout that included pictures of all of the Courthouses in the study. Dr. Brownell stated he wanted to get one point across during this presentation that would be carried home with everyone. Dr. Brownell stated that Thomas Jefferson succeeded in transforming the civic architecture of Virginia by setting in motion a series of designs that sprang up all over the State that are still valued even today. Thomas Jefferson achieved a reform of architecture design that is still highly regarded today and is still used today. The second largest idea that Thomas Jefferson had for civic architecture was; 1) he wanted plans that were based on Virginia custom 2) he wanted solid masonry construction that wouldn't decay and 3) he wanted a splendid display of columns at each building.

Dr. Brownell went over Thomas Jefferson's history in architecture. Thomas Jefferson learned most of what he knew about architecture from European books and the architecture that already existed in Virginia. Thomas Jefferson was a reformer and disapproved of Virginia buildings. Specifically, Thomas Jefferson disapproved of Virginia buildings not using the classical order of columns and Virginia buildings are made from construction that will decay and are not made from solid materials. Thomas Jefferson wanted to reform Virginia buildings to make them more beautiful and splendid. Thomas Jefferson did not like buildings that, like that of Hanover County Courthouse, looked utilitarian and did not display the dignity that columns displayed. Thomas Jefferson disliked Courthouses that were made of wood the most. One illustration was pointed out of the second Charlotte County Courthouse that was made of wood and was painted a patriotic red, white and blue. Thomas Jefferson detested this Courthouse. Thomas Jefferson designed the Virginia Capitol after a Roman Temple in the South of France with the interior of the Capitol designed after the interior of the Williamsburg Capitol tucked inside a Temple shaped exterior. In the early 1800's, Thomas Jefferson turned to reforming Courthouses in Virginia. A sample of the sketch drawing of the layout of Jefferson's early Courthouses was reviewed by Commissioners in the handout. Dr. Brownell stated that the recent archaeological excavation of the early Buckingham Courthouse revealed that this first Courthouse that burned was a lost Jeffersonian Courthouse that was modeled after one of the first Jefferson plans. Dr. Brownell stated the Charlotte County Courthouse is a surviving Jeffersonian Courthouse. Dr. Brownell stated that the Goochland Courthouse is an example of how shrewd Jefferson was in getting localities across the State to begin building similar structures in design and layout to begin the reform of Virginia architecture. The Goochland Courthouse is almost identical to the Charlotte County Courthouse, but was not designed by Jefferson but by a contractor that was trained by Jefferson. Thomas Jefferson began training contractors and architects at the University of Virginia in the Jefferson Reform of Architecture. Dr. Brownell also pointed out that the Lunenburg Courthouse is also similar in architecture but was not designed by Jefferson but by a builder that was guided by a person who was trained by Jefferson. This passing on of knowledge began the Jefferson legacy of Virginia architecture. These buildings were replicated over and over throughout Virginia in the following two decades.

Mr. Carter stated that Dr. Brownell and his assistants will be working throughout the summer to document the three Courthouses Charlotte, Lunenburg and Goochland and hopefully by December will be including others that are of significance for National recognition. Dr. Brownell stated that Charlotte County's Courthouse is the only Courthouse in Virginia that is documented to have been designed by Thomas Jefferson himself.

Dr. Brownell stated that several other presentations will be made to the various localities on their Courthouses. A symposium on the subject will be held in November that will be much more informative and will include a slide presentation. Mr. Carter stated he would let the Commission know the date and time so that Commissioners and the public may attend. Mr. Carter stated he would also make sure the Commission gets a copy of the detailed study once it is completed.

Mr. Houghton stated the Commission would like to invite Dr. Brownell back once the study is complete to make a longer presentation in our area.

COMMISSION ACTION ITEMS

-Request from Cumberland County for Assistance in Applying for VDOT Enhancement Funds

Ms. Hickman stated the Commission received a request from Cumberland County for the Commission to assist them in applying for Enhancement Funds from VDOT. The County will be holding a public hearing on this matter on June 11, 2003. This project will be phase III of the Court House revitalization project. The County has previously received $195,000 in Enhancement funds. The proposed project this year will be for landscaping, sidewalks and lighting in the Courthouse Green and the renovation/adaptive reuse of the old Jail into a Museum/Visitor's Center. The application will be submitted July 1, 2003.

Mr. James Moore moved and Mr. David Moore seconded to approve the request for the Commission to assist Cumberland County in applying for an Enhancement Grant. Motion carried.

-Solid Waste Management Plan Status Report

Mr. Houghton stated that at the April Commission meeting representatives from the Virginia Department of Environmental Quality gave a presentation to the Commission on the Solid Waste Management Program. Mr. Houghton stated that during this presentation, representatives stated that all local units of government in Virginia would be required to update their Solid Waste Management Plans by 2004. Following this meeting, the Commission staff developed three different options for localities to come into compliance with the Solid Waste Management requirements. These three options included 1) development of local plans, 2) County plans plus towns and 3) a regional plan. A regional discussion forum was held on April 17th at the Commission offices with local government representatives in attendance. The purpose of this forum was to try and form a consensus on how the localities wanted to proceed with this subject. As a result of this forum and other conversations with local government representatives, the staff was able to determine that the majority of localities were leaning towards options 1 and 2, with localities representing 64.4% of the regions population favoring one of these plans. The Regional Plan Option only had 12.8% of the localities region's population support. Mr. Houghton stated that at the May Commission meeting, the Commission was given this report and tabled the matter until the June meeting, pending further information from localities. Mr. Houghton stated since that time the Commission has received only one additional letter from the Town of Drakes Branch. Mr. Houghton stated that since the Town of Drakes Branch is a Town within Charlotte County, this did not change the weighted preference of options chosen. Therefore, there is no consensus for a Regional Solid Waste Management Plan.

-Comprehensive Economic Development Strategy (CEDS), Draft Strategic Action Plan & 2003-2004 Work Program

Ms. Hickman stated enclosed in the Commission packet is a copy of the DRAFT 2003 Strategic Action Plan and 2003-2004 Work Program section. Ms. Hickman stated there are thirteen (13) Work Program Elements and are the same as last year.

Mr. Fowlkes moved and Mr. James Moore seconded to request that the proposed Strategic Action Plan and 2003-2004 Work Program be included in the final 2003 Comprehensive Economic Development Strategy as presented. Motion carried.

Ms. Hickman stated that the Commission has received all of the support letters and resolutions for the 2003 CEDS except from one locality. It is expected that this locality will be sending theirs in soon.
Ms. Hickman stated the Commission's present EDA Planning Assistance Grant would be expiring on June 30, 2003. Each year during the month of June, the Commission receives an invitation to submit an

APPENDIX B
RESOLUTIONS OF PLAN APPROVAL

July 14, 2004

The following is an excerpt of the minutes of the regular meeting of the Prince Edward County Board of Supervisors held July 13, 2004.

In Re: Adoption of Prince Edward - Cumberland Solid Waste Management Plan

County Planner, Jonathan L. Pickett, reported that the Commonwealth of Virginia requires each locality, either individually or as part of a region, to adopt a solid waste management plan every five years. In past years, Prince Edward County was party to the Piedmont Planning District Solid Waste Management Plan. However, due to increased technical requirements, the Piedmont Planning District did not feel it could adequately develop a plan for the entire region. Therefore, Prince Edward County coupled with Cumberland County in a joint plan.

It was further explained that a required public hearing was held on June 28, 2004 with three residents in attendance. The residents commented they would like to see a manned convenience center in the Pamplin area, and be able to dispose of used motor oil and used anti-freeze at at least two of the convenience centers. Mr. Pickett indicated comments from the public hearing had been included in the final plan.

During discussion, Mr. Ward stated the Pamplin site had become an "eyesore" and asked if trash pickups could be increased. County staff was very aware of the problem, and Chairman Fore indicated he was actively trying to find land in order to relocate the site away from Route 460 where it is utilized by residents from Appomattox and Charlotte counties, as well as Prince Edward.

Mrs. Gilfillan suggested additional cans be installed. She was advised that six cans were on site but because of the size and configuration of the lot, the three front cans were often overflowing while relatively little was put in the back cans.

Board members also commented on the condition of the driveway and asked if it could be improved using County personnel and equipment. Mr. Pickett indicated he would look into it.

Mr. Moore moved adoption of the Solid Waste Management Plan. The motion carried by the following vote:

Aye: Pattie Cooper-Jones
William G. Fore, Jr.
Sally W. Gilfillan
Robert M. Jones
Charles W. McKay
James C. Moore
Howard F. Simpson
Lacy B. Ward

Nay: None

CERTIFIED TRUE COPY

Mildred B. Hampton
County Administrator

COUNTY of
UMBERLAND
IRGINIA
UNDED • 1749

P.O. Box 110
mberland, Virginia 23040
(804) 492-3625 Phone
(804) 492-9224 Fax

At a regular meeting of the Cumberland County Board of Supervisors held the 13th day of July 2004, a public hearing was held to consider the draft of the Solid Waste Management Plan for Prince Edward and Cumberland Counties. On a motion by Mr. White and carried, the Board approved the solid waste management plan as presented, to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq., Amendment 1).

VOTE: Mr. Osl – aye
Mr. Petty – aye
Mr. Heaton – aye
Mr. White – aye
Mr. Womack – aye

A Copy – Teste:

Judy O. Hollifield
County Administrator

County Administrator
Judy O. Hollifield

ssistant Administrator
Sherry Swinson

County Attorney
Darvin E. Satterwhite

Board of Supervisors

illiam F. "Bill" Osl, Jr.
District 1

ffon C. "Cliff" White
District 2

Van H. Petty
District 3

lbert R. Womack
District 4

Jeremiah D. Heaton
District 5

"Cumberland County is an equal opportunity employer and service provider. Complaints of discrimination may be sent to the U.S. Secretary of Agriculture, Washington DC 20250. TTY phone # 804/492-3589."

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

Street address: 629 East Main Street, Richmond, Virginia 23219
Mailing address: P.O. Box 10009, Richmond, Virginia 23240
Fax (804) 698-4500 TDD (804) 698-4021
www.deq.state.va.us

Robert G. Burnley
Director

(804) 698-4000
1-800-592-5482

July 16, 2004

Mr. Jonathan L. Pickett
Prince Edward County, County Planner
P.O. Box 302
Farmville, VA 23901

Subject: **Solid Waste Management Plan for Prince Edward & Cumberland Counties**

Dear Mr. Pickett:

This letter is to acknowledge the receipt of the Solid Waste Management Plan for Prince Edward and Cumberland Counties by the Department of Environmental Quality on July 2, 2004. In accordance with 9 VAC 20-130-110.C, the Department will conduct its review no later than 90 days from the date of receipt. If not, the sender will receive notification as to when the review can be completed.

Thank you for the submission of your plan. If you have any questions about the progress of the review of your plan, please call me at 804-698-4218.

Sincerely,

DSG

Daniel S. Gwinner
Environmental Engineer Senior

cc: DEQ Regional Waste Compliance Manager
Edward J. Hollos; Resource International, LTD.; P.O. Box 6160; Ashland, VA 23005

Received
7-1-04

Marty
Henry

RECEIVED
DEQ FRONT DESK
2004 JUL -1 PM 4:27

Previous
Edward
Co. & R -
Board

APPENDIX C
PUBLIC HEARING

COUNTY OF PRINCE EDWARD, VIRGINIA
WWW.CO.PRINCE-EDWARD.VA.US

POST OFFICE BOX 382, FARMVILLE, VA 23901
(434) 392-8837 VOICE • (434) 392-6683 FAX
INFO@CO.PRINCE-EDWARD.VA.US

June 16, 2004

Please run the following in the Frid. (June 18th) and Wed. (May 23rd) editions of *The Farmville Herald*:

PUBLIC NOTICE

Prince Edward County will hold a public hearing on June 28, 2004 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, County Planner at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Mildred B. Hampton, County Administrator

PUBLIC HEARING ON PRINCE EDWARD COUNTY / CUMBERLAND COUNTY "DRAFT" SOLID WASTE MANAGEMENT PLAN

7:00 PM
June 28, 2004
Supervisors' Board Room
County Court House Building
Farmville, Virginia 23901

Record of Comments or Questions

The Public Hearing was called to order by Jonathan Pickett of Prince Edward County at 7:00 PM. A copy of the sign-in sheet is attached. Three comments were received.

Comment 1

Was the issue of the land application of bio-solids on farmland within the County addressed in the Solid Waste Management Plan?

(The response by Mr. Jonathan Pickett, County Planner, was that the Solid Waste Plan deals with the management of municipal solid waste generated within the County and that the bio-solids land application issue was not part of this Plan.)

Comment 2

The Pamplin Roll-on/Roll-off site should have an operator or someone assigned to oversee activity at the site.

(The response by Mr. Pickett was that the site is currently planned to be upgraded to a manned public convenience center. The County was in the process of trying to find a suitable property on which to locate and build a convenience center.)

Comment 3

The County should consider a program to collect and recycle used motor oil and antifreeze. This could be accomplished on a "pilot" type basis at one of the public convenience centers.

(Mr. Pickett responded that this was an excellent idea and would be seriously considered by the County.)

Hearing Sign In Sheet

Barbara M. Glenn P.O Box 1122 Pamplin, VA

Mary H. Carwile - 1010 Rossee Mill Rd. Pamplin

Damien Fehrer, 188 Farmville Lake Rd., Farmville

Ltr: 90094.23

COUNTY of CUMBERLAND
VIRGINIA
FOUNDED • 1749

P.O. Box 110
Cumberland, Virginia 23040
(804) 492-3625 Phone
(804) 492-9224 Fax

At a regular meeting of the Cumberland County Board of Supervisors held the 13th day of July 2004, a public hearing was held to consider the draft of the Solid Waste Management Plan for Prince Edward and Cumberland Counties. On a motion by Mr. White and carried, the Board approved the solid waste management plan as presented, to meet the requirements and provisions of the Regulations for Solid Waste Management Planning (9 VAC 20-130-10 et seq., Amendment 1).

VOTE:
Mr. Osl – aye
Mr. Petty – aye
Mr. Heaton – aye
Mr. White – aye
Mr. Womack – aye

A Copy – Teste:

Judy O. Hollifield
County Administrator

County Administrator
Judy O. Hollifield

Assistant Administrator
Sherry Swinson

County Attorney
Darvin E. Satterwhite

Board of Supervisors

William E. "Bill" Osl, Jr.
District 1

Clifton C. "Cliff" White
District 2

Van H. Petty
District 3

Robert R. Womack
District 4

Jeremiah D. Heaton
District 5

"Cumberland County is an equal opportunity employer and service provider. Complaints of discrimination may be sent to the U.S. Secretary of Agriculture, Washington DC 20250. TTY phone # 804/492-3589."

PUBLIC HEARING ON PRINCE EDWARD COUNTY / CUMBERLAND COUNTY "DRAFT" SOLID WASTE MANAGEMENT PLAN

7:00 PM
July 13, 2004
Supervisors' Board Room
County Court House Building
Cumberland, Virginia 23040

Record of Comments or Questions

Only one oral comment was received by the County during the public hearing. This was from the person first listed on the attached "Sign Up Sheet". The other two individuals withdrew their request to speak. No written comments were received.

Comment

Cumberland County's Plan should not allow a new "commercial" solid waste landfill to be constructed within the County.

(1)

Solid Waste Management Plan

BOARD OF SUPERVISORS
PUBLIC HEARING
SIGN UP SHEET
(3 minute limit)

Date: 07-13-2004

Please Print

NAME	ADDRESS	PHONE	DISTRICT
✓ Nolan Reuth			
✓ Dwight Bakes		373-3140	
✓ DAN PEMPEL		391/125V	
~~Ray Rivera~~			

APPENDIX D
FUTURE CAPITAL OUTLAYS FOR CELL CONSTRUCTION AND CLOSURES

PROJECTED DISPOSAL CELL CONSTRUCTI(

Project Description	2004	2005	2017	2018	2019	2020	2021
Cell C	June 3.4a@$1.2 million FY2005						
Cell D							
Cell E							
Cell F			on				
Phase 1 Closure (Cells A & B)		July 5.4a@$1.1 millio FY2006					
Phase 2 Closure (Cell C)							
Phase 3 Closure (Cell D)							
Phase 4 Closure (Cell E)			y				
Phase 5 Closure (Cell F and Final)			018	@$0.9 million		July 6.1a@$1.3 million FY2021	

APPENDIX E
DEMOGRAPHICS REFERENCES

VaEmploy.Com
Virginia Employment Commission

LMI Data
Upcoming Events
Links
Staff
Glossary
Acronyms
Tools
Feedback
Order Form

This page is for obtaining Statistical Labor Market Information only. If you have an Employment or Employer related question , do not use LMI contacts. If you use these LMI contacts, your question will not be answered.

- **Employers:** If you have any issue not covered by the information on our Employer Services Page, or
- **Job Seekers:** If you have any general employment questions, recently become unemployed, Need job search assistance, have a question about Unemployment Insurance benefits or a tax issue not answered on our Job Seeker Page...

Send your message to your nearest Field Office

Labor Market Information:

Please use the LMI Feedback form to contact us, unless you have a specific person you know to contact.

LMI Contact	Area of Expertise
Marilyn Baker	General Labor Market Information
Jackie Hudson	Customized Employer Files and General Labor Market Information
Susan McIver	Speaker's Bureau and General Labor Market Information
Larry Robinson	Census and GIS
Carrie Sterling	General Labor Market Information
David Tysinger	Customized Employer Files and General Labor Market Information
Laura Adkins	Census and General Labor Market Information
Jeremy Deyo	ALICE, VELMA and LMI Website Database Administration

LMI Survey
Please take a moment to take our Survey

What's New

Local Employment Dynamics - A detailed view of job creation, separation, turnover, and wages... Get More...

Report Unemployment Fraud

You can anonymously report UI Fraud to the VEC by calling 1-800-782-4001

508 Bobby Approved | W3C WAI-A WCAG 1.0 | W3C CSS

Virginia Workforce Network

Copyright © 2004. All rights reserved. The Virginia Employment Commission Is An Equal Opportunity Employer/Program. Auxiliary Aids and Services are Available Upon Request To Individuals With Disabilities.
Click Here to view our access policy, privacy statement and disclaimer.

Prince Edward

Age in years	1990 Total Population	2000 Total Population	2010 Total Projections	2020 Total Projections	2030 Total Projections
< 5	967	983	1,144	1,304	1,484
5 - 9	993	1,108	1,443	1,720	1,957
10 - 14	1,012	1,205	1,401	1,600	1,803
15 - 19	2,302	2,601	2,759	2,926	3,122
20 - 24	2,653	2,724	2,855	2,937	2,968
25 - 29	1,022	933	1,187	1,381	1,561
30 - 34	1,041	1,063	1,454	1,830	2,231
35 - 39	1,083	1,196	1,550	1,939	2,396
40 - 44	905	1,246	1,379	1,545	1,715
45 - 49	712	1,241	1,401	1,523	1,638
50 - 54	693	1,022	1,123	1,216	1,286
55 - 59	705	849	941	1,008	1,066
60 - 64	742	754	834	899	923
65 - 69	745	691	748	778	780
70 - 74	593	661	706	690	693
75 - 79	546	585	611	683	676
80 - 84	304	399	470	436	467
85 +	302	459	494	485	434
Total	17,320	19,720	22,500	24,900	27,200

Subparts may not add to total due to rounding

Virginia Employment Commission - 05/03

Revisions to 2000 Census based on Count Question Resolution (CQR) Program - Last updated 05/02/03

Cumberland

Age in years	1990 Total Population	2000 Total Population	2010 Total Projections	2020 Total Projections	2030 Total Projections
< 5	550	564	581	638	725
5 - 9	534	654	605	662	725
10 - 14	585	664	688	686	725
15 - 19	595	549	664	650	690
20 - 24	485	460	569	626	630
25 - 29	549	516	498	638	618
30 - 34	588	610	569	626	702
35 - 39	514	723	688	626	773
40 - 44	539	672	736	698	749
45 - 49	487	627	771	734	666
50 - 54	445	652	676	758	714
55 - 59	380	527	641	782	749
60 - 64	361	460	688	698	749
65 - 69	397	414	510	614	737
70 - 74	283	365	415	602	607
75 - 79	246	258	316	415	538
80 - 84	167	161	238	263	369
85 +	120	141	244	288	333
Total	7,825	9,017	10,100	11,000	11,800

Subparts may not add to total due to rounding

Virginia Employment Commission - 05/03

Revisions to 2000 Census based on Count Question Resolution (CQR) Program - Last updated 05/02/03

QUALITY OF LIFE RATINGS (American City Business Journals, May 2004)

National rank	County or independent city (IC)	Score	National percentile	Population (2000)	1. Stability	2. Work in neighborhood	3. Work within county	4. Short commutes	5. Transit availability	6. Young adults	7. Racial diversity	8. Poverty	9. Unemployment	10. Top-level jobs	11. Income	12. Home value	13. House affordability	14. Property taxes	15. New housing units	16. Big houses	17. Homeowner rate	18. High school grads	19. College grads	20. Grad...
1,932	Craig, VA	-1.98	38.50%	5,091	66%	4%	24%	-20%	0%	30%	30%	7%	3%	24%	$37,314	$89,600	$2,401	$11	48%	6%	81%	77%	11%	3%
1,976	Mecklenburg, VA	-2.17	37.10%	32,380	65%	5%	77%	22%	0%	27%	10%	12%	7%	22%	$31,380	$73,800	$2,352	$11	41%	5%	74%	68%	12%	4%
1,986	Newport News (IC), VA	-2.24	36.78%	180,150	45%	4%	56%	19%	3%	32%	17%	11%	6%	31%	$36,597	$94,200	$2,574	$32	36%	5%	52%	85%	20%	6%
2,011	Staunton (IC), VA	-2.38	35.99%	23,853	55%	6%	46%	36%	0%	28%	14%	8%	4%	27%	$32,941	$88,000	$2,671	$23	14%	9%	61%	76%	20%	8%
2,018	Pittsylvania, VA	-2.40	35.76%	61,745	66%	3%	34%	9%	0%	29%	5%	9%	4%	20%	$35,153	$74,300	$2,114	$11	41%	5%	80%	67%	9%	3%
2,028	Henry, VA	-2.43	35.45%	57,930	66%	2%	65%	18%	1%	29%	4%	9%	5%	19%	$31,816	$69,500	$2,184	$12	32%	6%	77%	65%	9%	3%
2,073	Charles City, VA	-2.63	34.01%	6,926	74%	4%	22%	-14%	1%	29%	34%	8%	4%	21%	$42,745	$84,000	$1,965	$13	38%	8%	85%	66%	11%	3%
2,108	Roanoke (IC), VA	-2.76	32.90%	94,911	53%	4%	62%	31%	3%	30%	1%	13%	6%	27%	$30,719	$80,100	$2,608	$27	13%	8%	56%	76%	19%	7%
2,115	Pulaski, VA	-2.79	32.68%	35,127	62%	3%	65%	26%	0%	29%	23%	11%	5%	24%	$33,873	$75,200	$2,220	$14	26%	6%	74%	74%	12%	5%
2,134	Bland, VA	-2.92	32.07%	6,871	69%	3%	45%	0%	0%	29%	25%	9%	5%	26%	$30,397	$65,700	$2,161	$15	39%	6%	86%	71%	9%	3%
2,135	Prince Edward, VA	-2.92	32.04%	19,720	55%	12%	71%	24%	1%	22%	7%	15%	13%	31%	$31,301	$87,700	$2,802	$16	37%	7%	69%	70%	19%	8%
2,149	King and Queen, VA	-2.98	31.59%	6,630	69%	4%	24%	-23%	1%	27%	8%	8%	4%	22%	$35,941	$82,000	$2,282	$15	37%	6%	82%	68%	10%	3%
2,216	Westmoreland, VA	-3.32	29.46%	16,718	68%	4%	41%	-5%	0%	25%	5%	11%	4%	27%	$35,797	$91,800	$2,564	$19	32%	5%	79%	69%	13%	5%
2,235	Richmond, VA	-3.42	28.85%	8,809	59%	6%	46%	14%	0%	34%	6%	12%	5%	23%	$33,026	$85,500	$2,589	$14	34%	6%	77%	60%	10%	2%
2,316	Northampton, VA	-3.86	26.27%	13,093	65%	9%	77%	30%	2%	24%	17%	16%	7%	27%	$28,276	$75,100	$2,656	$17	26%	7%	69%	67%	16%	5%
2,331	Surry, VA	-3.91	25.80%	6,829	67%	4%	30%	-17%	1%	28%	23%	10%	5%	22%	$37,558	$82,800	$2,205	$16	39%	10%	77%	70%	13%	4%
2,341	Floyd, VA	-3.96	25.48%	13,874	65%	8%	43%	-15%	0%	27%	27%	8%	4%	23%	$31,585	$78,300	$2,479	$15	37%	7%	82%	70%	13%	4%
2,365	Halifax, VA	-4.08	24.71%	37,355	67%	3%	78%	17%	0%	26%	9%	11%	7%	23%	$29,929	$69,300	$2,315	$10	31%	4%	76%	64%	9%	3%
2,366	Richmond (IC), VA	-4.08	24.68%	197,790	48%	7%	58%	20%	8%	32%	31%	17%	8%	36%	$31,121	$87,400	$2,808	$36	11%	7%	46%	75%	29%	11%
2,413	Smyth, VA	-4.31	23.18%	33,081	64%	3%	80%	25%	0%	28%	27%	10%	5%	22%	$30,083	$62,600	$2,081	$16	31%	5%	74%	68%	11%	3%
2,416	Waynesboro (IC), VA	-4.32	23.09%	19,520	52%	4%	45%	40%	1%	27%	16%	11%	7%	26%	$32,686	$88,500	$2,708	$24	22%	10%	61%	78%	21%	7%
2,425	Southampton, VA	-4.36	22.80%	17,482	63%	4%	38%	8%	1%	30%	13%	12%	5%	23%	$33,995	$79,500	$2,339	$14	32%	8%	74%	63%	12%	3%
2,460	Greensville, VA	-4.63	21.69%	11,560	63%	3%	40%	22%	1%	39%	31%	12%	4%	21%	$32,002	$63,500	$1,984	$12	34%	3%	78%	62%	11%	5%
2,478	Page, VA	-4.74	21.11%	23,177	64%	6%	62%	9%	0%	28%	27%	10%	4%	19%	$33,359	$85,900	$2,575	$16	33%	9%	74%	65%	10%	4%
2,533	Charlotte, VA	-5.08	19.36%	12,472	67%	5%	48%	4%	1%	27%	4%	13%	6%	23%	$28,929	$69,600	$2,406	$15	34%	5%	77%	63%	10%	4%
2,560	Cumberland, VA	-5.24	18.50%	9,017	64%	3%	29%	-16%	0%	29%	9%	12%	3%	22%	$31,816	$76,600	$2,408	$14	41%	7%	77%	64%	12%	3%
2,565	Carroll, VA	-5.26	18.34%	29,245	70%	3%	51%	13%	0%	28%	28%	9%	6%	20%	$30,597	$64,100	$2,095	$13	37%	5%	82%	64%	9%	4%
2,583	Patrick, VA	-5.34	17.77%	19,407	67%	6%	55%	12%	1%	28%	22%	10%	4%	19%	$28,705	$70,500	$2,456	$12	37%	4%	80%	62%	9%	2%
2,596	Nottoway, VA	-5.41	17.36%	15,725	61%	5%	62%	11%	1%	30%	12%	15%	6%	24%	$30,866	$72,300	$2,342	$13	24%	7%	71%	64%	11%	4%
2,600	Tazewell, VA	-5.44	17.23%	44,598	67%	3%	68%	18%	0%	27%	27%	12%	9%	25%	$27,304	$55,700	$2,040	$13	31%	7%	77%	68%	11%	4%
2,605	Lunenburg, VA	-5.48	17.07%	13,146	69%	5%	47%	10%	1%	28%	11%	15%	5%	23%	$27,899	$62,500	$2,240	$12	29%	6%	78%	63%	9%	3%
2,607	Grayson, VA	-5.50	17.01%	17,917	69%	6%	32%	6%	0%	30%	21%	10%	4%	19%	$28,676	$62,200	$2,169	$12	37%	4%	81%	64%	8%	3%
2,646	Brunswick, VA	-5.75	15.76%	18,419	59%	5%	50%	4%	1%	31%	28%	13%	7%	24%	$31,288	$66,300	$2,119	$12	38%	8%	78%	63%	11%	3%
2,696	Russell, VA	-6.10	14.17%	30,308	67%	4%	60%	-2%	0%	31%	26%	13%	7%	24%	$26,834	$55,200	$2,057	$14	34%	6%	81%	63%	9%	3%
2,733	Norfolk (IC), VA	-6.42	12.99%	234,403	43%	11%	67%	24%	5%	30%	22%	16%	9%	29%	$31,815	$88,300	$2,775	$37	19%	5%	46%	78%	20%	8%
2,751	Buckingham, VA	-6.69	12.42%	15,623	57%	6%	45%	-19%	1%	32%	10%	16%	5%	21%	$29,882	$71,200	$2,383	$11	41%	5%	78%	63%	9%	3%
2,754	Wise, VA	-6.70	12.32%	40,123	65%	4%	62%	21%	0%	28%	27%	16%	7%	27%	$26,149	$53,700	$2,054	$13	36%	5%	75%	63%	11%	4%
2,772	Buchanan, VA	-6.90	11.75%	26,978	76%	3%	72%	-4%	1%	31%	27%	20%	8%	25%	$22,213	$42,800	$1,927	$12	35%	6%	83%	53%	8%	3%
2,784	Galax (IC), VA	-6.97	11.37%	6,837	53%	4%	60%	55%	0%	27%	12%	14%	3%	18%	$28,236	$62,900	$2,228	$15	26%	5%	66%	60%	11%	4%

APPENDIX F
RECYCLING REPORTS

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2005

Contact Information

Reporting Jurisdiction: Cumberland County

Person Completing This Form: Jerry Giles Jr.

Title: Director of Public Works

Address: P.O. Box 110 (Street/P.O. Box) Cumberland (City) VA (State) 23040 (Zip)

Phone #: (804) 492-9267 **Fax #:** (804) 492-9224

Email Address: jgiles@cumberlandcountyvirginia.gov

Member Governments (The local governments identified in your regional solid waste management plan and whose data is included in this report):

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

[P + S] / [P + S + M] X 100 = Recycling Rate

[849.85 + 552.21] / [849.85 + 552.21 + 3785.44] X 100

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= 27.57 %

Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Authorized Signature | Director of Public Works (Title) | 4-28-06 (Date)

Return completed form by April 30, 2006 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report

For Calendar Year 2005

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	345.13 Tons
Metal	252.52 Tons
Plastic	
Glass	
Commingled	252.20 Tons
Yard Waste (composted or mulched)	
Waste wood (chipped or mulched) (See Note 1, Page 3)	
Textiles	
TOTAL PRM	849.85 Tons (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons
Waste Tires	15.28 Tons
Used Oil	21.07 Tons
Used Oil Filters	
Used Antifreeze	5.77 Tons
Abandoned automobiles removed	479.68 Tons
Batteries	65.41 Tons
Sludge (composted)	
Electronics	
Tree Stumps (> 6" Diameter)	
Other (from Page 3)	
SUBTOTALS	587.21 Tons (RECYCLED SRM)

	REUSED* AMOUNT/Tons
Construction Waste	
Demolition Waste	
Debris Waste	
Ash (See Note 2, Page 3)	
Other (from Page 3)	
SUBTOTALS	(REUSED SRM)

TOTAL SRM 587.21 Tons (S)

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported wastes or industrial wastes..

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	3785.40 Tons
Commercial	
Institutional	
Other*** (DO NOT INCLUDE INDUSTRIAL WASTES)	
TOTAL MSW DISPOSED	3785.40 Tons (M)

**Material separated from the MSW stream and used, without processing or changing its form, for the same or another end use.*

***Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

Locality Recycling Rate Report Instructions

NOTES:

Note #1: **Storm debris that is processed and recycled should be included in this PRM category. Storm debris and related wastes that are burned or disposed of after processing should not be included in the recycling calculation as PRM or MSW material.**

Note #2: **Ash and other materials generated by an industrial operation as wastes or by-products do not quality as MSW material and should not be included in the SRM category on Page 2, or included in the recycling rate calculation. Tonnage and use should be identified on Page 4 as beneficial use or reuse.**

OPTIONAL: Use these sections to report and summarize information for the "Other" categories on Page 2 of this form.

SRMs, "other" material:

Material	Tons Recycled

Total SRMs Recycled _____ (to "Other" entry, Page 2)

SRMs, "other" material:

Material	Tons Reused

Total SRMs Reused _____ (to "Other" entry, Page 2)

Locality Recycling Rate Report Instructions

OPTIONAL: Use this page to identify those programs, activities, procedures or operations which you feel reflect the locality's commitment to waste minimization, waste reduction, and/or materials used or reused which by definition on the recycling rate reporting form may not be included in the recycling rate calculation. Please identify source of materials, tonnages involved, and use of material.

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2005

Contact Information

Reporting Jurisdiction: Prince Edward County and Cumberland County

Person Completing This Form: Jonathan L. Pickett

Title: Director of Planning & Community Development

Address: P.O. Box 382 (Street/P.O. Box) Farmville (City) VA (State) 23901 (Zip)

Phone #: (434) 392-8837 **Fax #:** (434) 392-6683

Email Address: jpickett2@co.prince-edward.va.us

Member Governments (The local governments identified in your regional solid waste management plan and whose data is included in this report):
Prince Edward County + Cumberland County

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

[P + S] / [P + S + M] X 100 = Recycling Rate

[2774.35 + 2028.84] / [2774.35 + 2028.84 + 22,668.69] X 100
[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= 20.4 %
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Authorized Signature	Title	Date
	County Administrator	5/5/06

Return completed form by April 30, 2006 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report — For Calendar Year 2005

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	2490.55
Metal	359.65
Plastic	28.15
Glass	19.0
Commingled	252.20
Yard Waste (composted or mulched)	209.0
Waste wood (chipped or mulched) (See Note 1, Page 3)	16.0
Textiles	
TOTAL PRM	3774.55 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons
Waste Tires	457.10
Used Oil	269.07
Used Oil Filters	7.0
Used Antifreeze	15.77
Abandoned automobiles removed	971.51
Batteries	308.41
Sludge (composted)	
Electronics	
Tree Stumps (> 6" Diameter)	
Other (from Page 3)	
SUBTOTALS	2028.86 (RECYCLED SRM)

	REUSED* AMOUNT/Tons
Construction Waste	
Demolition Waste	
Debris Waste	
Ash (See Note 2, Page 3)	
Other (from Page 3)	22.63
SUBTOTALS	(REUSED SRM)

TOTAL SRM 2051.49 (S)

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported wastes or industrial wastes..

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	12,960.47
Commercial	8642.34
Institutional	1047.88
Other***(DO NOT INCLUDE INDUSTRIAL WASTES)	
TOTAL MSW DISPOSED	22,668.69 (M)

**Material separated from the MSW stream and used, without processing or changing its form, for the same or another end use.*

***Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

NOTES:

Note #1: **Storm debris that is processed and recycled should be included in this PRM category. Storm debris and related wastes that are burned or disposed of after processing should not be included in the recycling calculation as PRM or MSW material.**

Note #2: **Ash and other materials generated by an industrial operation as wastes or by-products do not quality as MSW material and should not be included in the SRM category on Page 2, or included in the recycling rate calculation. Tonnage and use should be identified on Page 4 as beneficial use or reuse.**

OPTIONAL: Use these sections to report and summarize information for the "Other" categories on Page 2 of this form.

SRMs, "other" material:

Material	Tons Recycled

Total SRMs Recycled _____ (to "Other" entry, Page 2)

SRMs, "other" material:

Material	Tons Reused
Asphalt	22.63

Total SRMs Reused 22.63 (to "Other" entry, Page 2)

The Virginia Annual Recycling Rate Report

Calendar Year 2004 Summary



November 2005

(This Page Left Intentionally Blank)

RECYCLING RATES IN VIRGINIA - CY 2004

DEQ has completed its review of the statewide and locality recycling rate data for CY 2004. The data was garnered from 95 submitted reports; represents all 324 Virginia cities, counties and towns. In some cases, reported data was adjusted for consistency with 9 VAC 20-130 et. seq.

From the data, DEQ has determined a statewide recycling rate for CY 2004 of **29.8 %**, based on 2,688,200 tons of material recycled as compared to 9,016,087 tons of waste generated. CY 2003 data compares at 2,822,416 tons of material recycled and 9,328,458 tons of waste generated, with the tonnage drops in CY 2004 reflective of better reporting based upon municipal solid waste (MSW) generation guidelines.

Forty-six (46) of the 95 reporting units experienced recycling rates of 25 % or greater. Most of the highest recycling rates were experience in the urban and semi-urban areas of Virginia. They include:

• Richmond Area	44.6%
• Northern Virginia	32.8%
• Hampton Roads	29.8%
• Roanoke Area	32.3%
• Lynchburg Area	31.7%
• Fredericksburg Area	28.8%
• Bristol	40.6%
• Northern Shenandoah Valley	29.7%

These areas reported a total of 2,372,076 tons, or **88%** of all recyclables collected in Virginia and had an average recycling rate of 34%. A few rural localities did experience a rate above 25%.

Forty-nine (49) of the 95 reporting units did not achieve the 25% rate, down from 62 reporting units below 25% recycling in CY 2003. Fourteen (14) reporting units were at 20-25%, 24 were 10-20% and 11 were below 10%. Most of these units are in rural areas where population density is low, collection infrastructures are often weak, and access to recyclable material markets may be limited. Perhaps as an indicator of these factors, all 49 of these areas accounted for only 311,520 tons (or 12%) of all recyclables collected, and had an average recycling rate of 14%.

DEQ is currently reviewing Solid Waste Management Plans (SWMPs) for completeness, including local or regional recycling program information. For the plans already reviewed and in which the locality/region has reported less than a 25% recycling rate for CY 2004, DEQ has asked for a Recycling Action Plan (RAP) submittal to the SWMP. These RAPs (3 received and approved to date) identify specific elements of the recycling program that will be changed or improved in order for the locality/region to reach a 25% recycling rate. The RAP includes both a commitment by the reporting unit to provide resources necessary to improve its program, but also a time-line for achieving the program elements identified as necessary to meeting the recycling goal. The RAP must be approved both by DEQ and by the administrative governmental board(s) for all localities covered by the Solid Waste Management Plan. Regular reporting on the progress made on the RAP is required.

Recycling Rates in Virginia -- CY 2004

Recycling Rates and Data *

REPORTING ENTITY	CY 2004 Recycling Rate (%)	CY 2004 Total Recycled Tons (PRMs + SRMs)	CY 2004 Total MSW Tons (PRMs + SRMs + MSW disposed)
Statewide Totals	29.8 % Average Statewide	2,688,200	9,016,087
Accomack County	6.6	3,016	46,031
Alexandria (City)	20	33,024	165,030
Alleghany County	30.4	6,794	22,378
Amelia County	24.7	2,538	10,267
Amherst County	20.5	8,414	41,021
Appomattox County	22.6	2,623	11,611
Arlington County	30.2	80,401	266,355
Augusta County	20.4	13,379	65,707
Bath County	8.8	667	7,613
Bedford (City)	38.3	3,698	9,656
Bedford County	26	15,150	58,189
Bland County	10.5	317	3,016
Botetourt County	28.7	7,997	27,853
Bridgewater	8.3	188	2,258
Bristol (City)	40.6	16,544	40,773
Brunswick County	7.3	1,474	20,096
Buckingham County	25.3	2,938	11,629
ampbell County	20.4	12,709	62,168

Caroline County	11.6	1,691	14,612
Carroll County	10.2	595	5,817
Central Virginia Waste Management Authority	44.6	374,395	839,135
Charlotte County [1]	18.2	1,774	9,740
Craig County	26.7	894	3,348
Culpeper County	26.9	10,719	39,812
Cumberland County	33.5	1,834	5,474
Cumberland Plateau Regional WM Authority	20	13,565	67,951
Danville (City)	28.9	11,055	38,261
Fairfax (City)	39.1	19,232	49,232
Fairfax County	31.6	454,040	1,435,429
Falls Church (City)	46.6	6,292	13,497
Farmville (Town)	44.3	2,698	6,091
Fauquier County	32.5	35,570	109,324
Floyd County	14.2	2,091	14,744
Fluvanna County	15.6	1,839	11,811
Franklin County	21.3	9,435	44,224
Galax (City)	9.1	999	11,033
Gloucester County	41.5	25,445	61,333
Grayson County	14.6	1,183	8,102
Greene County	14.7	5,262	35,757
Halifax County [1]	12.2	3,378	27,650

[1] Under SRPSA Recycling Action Plan to achieve 25% recycling rate by 2007 (Charlotte, Halifax and Mecklenburg Counties).

Harrisonburg (City)	25.4	16,405	64,711
Herndon (Town)	36.6	9,703	26,528
Highland County	25	547	2,186
Hillsville (Town)	16.5	551	3,345
King George County	18.2	2,568	14,091
Lancaster County	39.3	6,260	15,934
Lee County	15.5	3,622	23,350
Loudoun County [2]	25.3	85,667	337,939
Louisa County	11.3	1,993	17,663
Lunenburg County	32.4	3,980	12,283
Lynchburg (City)	34.3	63,931	186,261
Madison County	20.2	2,841	14,073
Manassas (City)	26.9	12,782	47,549
Manassas Park (City)	9.9	684	6,919
Martinsville (City)/Henry County SWMP	26.2	18,306	69,792
Mecklenburg County [1]	13.8	3,822	27,656
Montgomery Regional Solid Waste Authority	32.5	32,852	101,029
Nelson County	7	1,058	15,086
New River Resource Authority	26.7	23,159	86,680
Newport News (City)	32.8	72,188	220,136
Northampton County	1.6	364	22,371
Northern Shenandoah Valley Regional Commission	29.7	75,726	255,278

[2] Conditional Solid Waste Management Plan approval changed to a full approval on 9/6/05 due to attainment of 25.3% recycling rate.

Northumberland County	14.8	2,332	15,753
Nottoway County	32.7	10,056	30,788
Orange (Town)	32.5	627	1,927
Orange County	3.5	1,293	37,027
Patrick County	10.1	1,020	10,124
Pittsylvania County [3]	6.3	2,528	39,942
Prince Edward County	15.6	3,820	24,465
Prince William County	34.2	150,719	440,440
Rappahannock County	17.5	1,659	9,494
Rappahannock Regional Solid Waste Management Board	26.6	50,438	189,819
Richmond County	14.4	1,192	8,304
Rivanna Solid Waste Authority	28.9	41,341	142,843
Roanoke (City)	48.1	33,352	69,357
Roanoke County	28.5	19,681	68,961
Rockbridge County	16.8	4,918	29,278
Rockingham County	25	22,560	90,080
Salem (City)	25.6	8,363	32,667
Scott County	21.6	3,175	14,712
Smyth County	21.5	4,256	19,834
Southeastern Public Service Authority	25.3	381,111	1,507,704
Southern Crater Region	16.8	13,244	78,725
Spotsylvania County	33.9	37,397	110,267

Under Recycling Action Plan to increase recycling to 25% by 2007.

Staunton (City)	34.9	14,648	42,021
Tazewell County	22.8	13,345	58,642
Vienna (Town)	54.6	6,597	12,073
Vinton	29.4	1,940	6,598
Virginia Peninsulas Public Service Authority	41.9	186,139	444,412
Warrenton (Town)	28.2	1,647	5,835
Washington County	19.7	5,236	26,635
Waynesboro (City)	14.6	4,719	32,267
Westmoreland County	16.1	3,110	19,364
Wise County	18.9	11,940	63,020
Wythe County	23.9	9,048	37,937
STATEWIDE TOTALS CY 2004	**29.8 %**	**2,688,200 Tons**	**9,016,087 Tons**

* All data based on adjustments by DEQ for consistency with 9VAC-20-130-10 and 9VAC20-130-120.

Recycling Rate Report Summary

Virginia Localities Reporting Rate Information for CY 2004

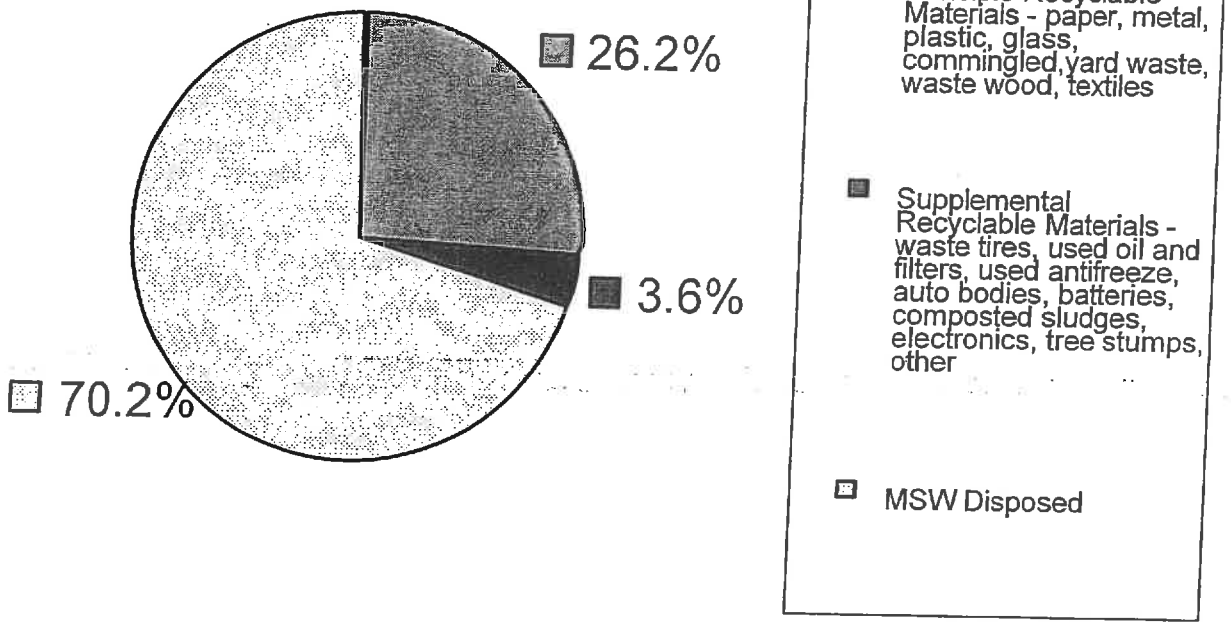
95 Recycling Rate Reports, representing **325 Virginia localities** and **74 Solid Waste Management Planning Units** were received. This represents a return rate of 100%. Totals for all reports are presented below:

Principal Recyclable Material (PRM)		Supplemental Recyclable Material (SRM)				Total MSW Disposed	
		Recycled SRM		Reused SRM			
Paper	981,813	WasteTires	81,234	Const. Waste	300	Household Waste	4,663,944
Metal	503,857	Used Oil	54,044	Demol. Waste	183		
Plastic	37,144	Used Oil Filters	2,206	Debris Waste	5,442	Commercial Waste	1,527,405
Glass	47,153	Used Antifreeze	4,782	Ash	88,328		
Commingled	60,274	Auto Bodies	25,574	Other:	3,166	Institutional Waste	123,712
Yard Waste	463,631	Batteries	23,532				
Waste Wood	243,903	Sludge (Composted)	20,070			Other:**	12,826
Textiles	21,937	Electronics	1,175				
		Tree Stumps (>6" Diameter)	322			**TOTAL MSW (Tons)**	**6,327,887**
Total PRM (P) (Tons)	**2,359,714**	Other:	18,128				
		TOTAL Recycled SRM (Tons)	**231,067**	**TOTAL Reused SRM (Tons)**	**97,419**	**Recycling Rate:**	
						(P+S)/(P+S+M) x 100 *(2,688,200/9,016,087 X 100)*	**29.8%**
						** May include total amounts of SRM generated	
		Total SRM (S) (Tons)	**328,486**				

* All data based on adjustments by DEQ for consistency with 9VAC-20-130-10 and 9VAC20-130-120.

RECYCLING IN VIRGINIA, CY 2004

Statewide Recycling Rate of 29.8%



DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2003

Contact Information

Reporting Jurisdiction: Cumberland County

Person Completing This Form: Scott Toepfer

Title: Director of Maintenance & Utilities

Address: PO Box 110 (Street/P.O. Box) Cumberland (City) VA (State) 23040 (Zip)

Phone #: (804) 492-3281 **Fax #:** (804) 492-9224

Email Address: stoepfer@cumberland-co.com

Member Governments (The local governments identified in your regional solid waste management plan):

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

[P + S] / [P + S + M] X 100 = Recycling Rate

[1631 + 92] / [1631 + 92 + 3386] X 100

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= 33.7 %
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Authorized Signature | County Administrator (Title) | 4.6.04 (Date)

Return completed form by April 30, 2004 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report — For Calendar Year 2003

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	922.69
Metal	708.48
Plastic	—
Glass	—
Commingled	
Yard Waste (composted or mulched)	
Waste wood (chipped or mulched) (see Other, Page 3)	
Textiles	
TOTAL PRM	1631.17 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons
Waste Tires	28.9
Used Oil	22.57
Used Oil Filters	—
Used Antifreeze	3.03
Abandoned automobiles removed	—
Batteries	37.7
Sludge (composted)	—
Electronics	—
Tree Stumps (> 6" Diameter)	—
Other (from Page 3)	—
SUBTOTALS	92.2 (RECYCLED SRM)

	REUSED* AMOUNT/Tons*
Construction Waste	
Demolition Waste	
Debris Waste	
Ash (see Other, Page 3)	
Other (from Page 3)	
SUBTOTALS	(REUSED SRM)

TOTAL SRM 92.2 (S)

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported waste.

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	3386
Commercial	
Institutional	
Other***	
TOTAL MSW DISPOSED	3386 (M)

**Material separated from the waste stream and used, without processing or changing its form, for the same or another end use.*

***Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

Report 33.7% recycling Rat

Month	madison	hamilton	randolph	steps	recyling m	recycling h	recycling r	emanual
January	125.61	63.02	59.61	1.09	3.58	3.89	6.47	
february	79.78	47.62	34.46	0.8	3.88	0	2.67	
march	143.73	88.11	75.58	1.62	16.25	13.65	23.41	
april	145.12	87.26	75.86	1.43	9.14	7.27	7.34	
may	138.57	84.44	62.47	0.72	6.85	6.98	4.44	
june	147.38	83.52	70.92	3.01	5.68	2.65	3.91	5.79
july	169.99	74.69	70.76		16.47	11.02	10.12	
august	128.57	93.67	79	1.84	6.25	2.31	1.93	
september	140.3	84.94	67.96		4.08	4.28	4.79	6.43
october	124.2	87.89	79.45.	1.78	8.41	6.26	4.85	6.05
november	121.14	76.75	62.17	1.22	15.12	3.61	2.34	4.29
december	157.87	97.81	55.61	1.68	7.4	5.52	12.23	6.34
total	1622.26	969.72	793.85	15.19	103.11	67.44	84.5	28.9

grand totals	3385.83	15.19	255.05	28.9
subtract steps	3385.83	15.19	239.86	28.9
scouts			0.28	

Marions 117 tons
Flippens 39 tons
green front 40balesx1100#/month=264tons
Cumberland Resteraunt ==39 tons
marys=39-tons
stop in 39 tons
dollar store 234 tons
building supply 19.5 tons
rennies 39 tons
vitos 39 tons
napa 39 tons
steps 15.19

cardboard=922.69 tons

Garage	oil gallon	antifreeze gallons	metal/tons	batteries
Napa	2200	400	0.22	2100
cumberland auto	1500	200		
marion bros	1800	120		
martin & dabney	602	0		
county line auto			300.97	
regional report crushed cars			167.15	
tranfer stations			239.86	
scouts			0.28	
total	6102	720	708.48	2100
multiplier	7.4	8.42	1	35.9
tons	22.57	3.03	708.48	37.7

Recycling totals	
metals	708.48
cardboard/paper	922.69
antifreeze	3.03
oil	22.57
batteries	37.7
tires	28.9

Total recycling 1723.37 tons

$$\frac{1723}{1723+3386=} \qquad \frac{1723}{5109} = 33.7\%$$

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia Locality Recycling Rate Report For Calendar Year 2003

Contact Information

Reporting Jurisdiction: Prince Edward County

Person Completing This Form: Jonathan L. Pickett

Title: Planning Director

Address: P.O. Box 382 (Street/P.O. Box) Farmville (City) VA (State) 23901 (Zip)

Phone #: (434) 392 - 8837 **Fax #:** (434) 392 - 6683

Email Address: jpickett@co.prince-edward.va.us

Member Governments (The local governments identified in your regional solid waste management plan): Prince Edward County

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

$$[P + S] / [P + S + M] \times 100 = \text{Recycling Rate}$$

$$[2140.81 + 1098.21] / [2140.81 + 1098.21 + 21,231.38] \times 100$$

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= 13.2 %
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Michael L. Hampton
Authorized Signature

County Administrator
Title

4/5/2004
Date

Return completed form by April 30, 2004 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report — For Calendar Year 2003

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	1603.34
Metal	313.28
Plastic	32.43
Glass	22.76
Commingled	
Yard Waste (composted or mulched)	169.00
Waste wood (chipped or mulched) (see Other, Page 3)	
Textiles	
TOTAL PRM	2140.81 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons	REUSED* AMOUNT/Tons*
Waste Tires	377.89	
Used Oil	180.00	
Used Oil Filters	23.00	
Used Antifreeze	3.00	
Abandoned automobiles removed	345.32	
Batteries	169.00	
Sludge (composted)		
Electronics		
Tree Stumps (> 6" Diameter)		
Other (from Page 3)		
SUBTOTALS	1098.21 (RECYCLED SRM)	(REUSED SRM)
Construction Waste		
Demolition Waste		
Debris Waste		
Ash (see Other, Page 3)		
Other (from Page 3)		
SUBTOTALS		
TOTAL SRM	1098.21 (S)	

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported waste.

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	6990.72
Commercial	13,157.74
Institutional	1082.92
Other***	
TOTAL MSW DISPOSED	21,231.38 (M)

**Material separated from the waste stream and used, without processing or changing its form, for the same or another end use.*

***Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2002

Contact Information

Reporting Jurisdiction: Cumberland County

Person Completing This Form: Sherry Swinson

Title: Assistant County Administrator

Address: PO Box 110, Cumberland, VA 23040
Street/P.O. Box City State Zip

Phone #: (804) 492-9175 **Fax #:** (804) 492-9224

Email Address: sswinson@cumberland-co.com

Member Governments (The local governments identified in your regional solid waste management plan): **Piedmont Planning District 14—Amelia, Buckingham, Charlotte, Cumberland, Prince Edward , Lunenburg and the respective towns within**

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

[P + S] / [P + S + M] X 100 = Recycling Rate 3234

235 612 235 612 ~~324,008~~

[235.32 + 612.11] / [235.32 + 612.11 + ~~324,008~~] X 100

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= ~~32.~~ 21 %
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Sheryl C. Swinson — Authorized Signature

Asst. Co. Administrator — Title

4.30.03 — Date

Return completed form by April 30, 2003 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report — For Calendar Year 2002

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	19.97
Metal	
Plastic	
Glass	
Commingled	215.35
Yard Waste (composted or mulched)	
Waste wood (chipped or mulched)	
Textiles	
TOTAL PRM	235.32 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons	REUSED* AMOUNT/Tons*
Waste Tires	34.22	
Used Oil	5.55	
Used Oil Filters	~~[illegible]~~	
Used Antifreeze	~~[illegible]~~ 3.37	
Abandoned automobiles removed	238.90	
Batteries	43.08	
Sludge (composted)		
Electronics		
Tree Stumps (> 6" Diameter)		
Other (from Page 3)	284.99	
SUBTOTALS	612.11 (RECYCLED SRM)	(REUSED SRM)
Construction Waste		
Demolition Waste		
Debris Waste		
Ash		
Other (from Page 3)		
SUBTOTALS		

TOTAL SRM 612.11 (S)

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported waste.

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	
Commercial	
Institutional	
Other***	
TOTAL MSW DISPOSED	~~[illegible]~~ 3234 (M)

**Material separated from the waste stream and used, without processing or changing its form, for the same or another end use.*

***Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

OPTIONAL: Use this page to report and summarize information for the "Other" categories on Page 2 of this form.

SRMs, "other" material:

Material	Tons Recycled
Other ferrous	281.46
other non-ferrous	3.53

Total SRMs Recycled 284.99 (to "Other" entry, Page 2)

SRMs, "other" material:

Material	Tons Reused

Total SRMs Reused _____ (to "Other" entry, Page 2)

OPTIONAL: Use this page to identify those programs, activities, procedures or operations which you feel reflect the locality's commitment to waste minimization, waste reduction, and/or materials reuse which by definition on the recycling rate reporting form may not be included in the recycling rate calculation.

The County held a Tire Amnesty Day at our three (3) transfer stations this year and collected 18.73 tons. We plan to hold this event annually

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2001

Contact Information

Reporting Jurisdiction: PRINCE EDWARD COUNTY

Person Completing This Form: JONATHAN L. PICKETT

Title: PLANNING DIRECTOR

Address: P O BOX 382 (Street/P.O. Box) FARMVILLE (City) VA (State) 23901 (Zip)

Phone #: (434) 392-8837 **Fax #:** (434) 392-6683

Email Address: jpickett@co.prince-edward.va.us

Member Governments (The local governments identified in your regional solid waste management plan): Amelia, Buckingham, Cumberland, Charlotte, Lunenburg and Prince Edward

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2, calculate your recycling rate for the reporting period.

[P + S] / [P + S + M] X (C) = Recycling Rate

[ ] / [ ] X 100

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

Recycling Rate = 9.61%

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Jonathan L. Pickett — Authorized Signature

Planning Director — Title

4/29/02 — Date

Return completed form by April 30, 2002 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report
Jurisdiction Recycling Rate Information

For Calendar Year 2001

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE	RECYCLED AMOUNT (TONS)
Paper	408.18
Metal	875.95
Plastic	18.17
Glass	25.60
Yard Waste (Composted or Mulched)	
Wood	
Textiles	
TOTAL PRM	1,327.90 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE	RECYCLED AMOUNT/Tons	REUSED* AMOUNT/Tons
Waste Tires	88.83	
Used Oil		
Used Oil Filters		
Used Antifreeze		
Automobile Bodies	434.40	
Construction Waste		
Demolition Waste		
Debris Waste		
Batteries		
Ash		
Sludge		
Tree Stumps (> 6" Diameter)		
Other (_____)		
SUBTOTALS	523.23 (RECYCLED SRM)	(REUSED SRM)

TOTAL SRM 519.66 (S)

**Material separated from the waste stream and used, without processing or changing its form, for the same or another end use.*

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported waste.

MSW TYPE	TOTAL AMOUNT DISPOSED (TONS)
Household	8,209.83
Commercial	8,902.14
Institutional	1,224.59
Other***	1.89
TOTAL MSW DISPOSED	18,348.45 (M)

**Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.*

****May add total amounts of SRM generated, if known.*

INTERIM

2000

LOCALITY RECYCLING RATE REPORT

02/15/2001

(Additional copies of this form may be downloaded at http://www.deq.state.va.us/forms/)

Reporting Entity: County of Prince Edward

Person Completing This form: Jonathan L. Pickett

Title: Planning Director

Address:

P. O. Box 382 (Street / P.O. Box) Farmville (City) VA (State) 23901 (Zip)

Phone Number: (804) 392-8837

Fax Number: (804) 392-6683

Email Address: jpickett@co.prince-edward.va.us

Website Address:

Co-op Locality:

Member Governments: the local governments identified in your regional solid waste management plan

Prince Edward, Amelia, Buckingham, Charlotte, Cumberland and Lunenburg

WASTE TYPE	Management Action: Recycled (Amount in tons)
I. Principal Recyclable Material (PRM)	
Paper	461.24
Metal	107.15
Plastic	18.34
Glass	23.06
Yard waste (composted or mulched)	
Wood	
Textiles	
Total PRM	+ 609.79 (A)

INTERIM

LOCALITY RECYCLING RATE REPORT

II. Supplemental Recyclable Material (SRM)	Management Action: Recycled (Amount in tons)	Management Action: Reused* (Amount in tons)
Tires	77.40	
Used Oil ✓		
Auto Bodies		
Construction Waste		
Demolition Waste		
Debris Waste		
Batteries ✓		622.36
Ash		
Sludge ✓		
Subtotals		
Grand Total SRM	+ 77.40	+ 622.36 ✓
	++ 699.76 (B) ✓	

*material must be reused in its present form or be size - reduced ✓ (burning)

III. Total MSW Generated	(Recycled + Reused	+ Disposed)
Household		8181.33
Commercial		7761.26
Institutional		1244.85
Other**		2047.18
Total		+ 19234.62 (C) ✓

**May add total amounts of SRM generated, if known.

IV. Recycling Rate = $\frac{A+B}{C} \times 100 = \frac{6.8}{6.81}\%$

699.76 + 699.76

19,234.62

I certify that I have personally examined and am familiar with the information submitted in this
m and any attached documents, and that, based on my inquiry of those individuals immediately
ponsible for obtaining the information, I believe that the submitted information is true, accurate, and
nplete.

Authorized Signature	Planning Director Title	April 20, 2001 Date

ms should be returned to Virginia DEQ, Attn: Bill Norris, P.O. Box 10009, Richmond, VA 23240-0009.

APPENDIX G
COMPREHENSIVE LIST OF SOLID WASTE DISPOSAL FACILITIES IN PLANNING REGION

APPENDIX G

COMPREHENSIVE LIST OF SOLID WASTE DISPOSAL FACILITIES IN PLANNING REGION

*

Site County	Facilities Name	Permit No.		Permit Status	Solid Waste Unit Name	Status	Solid Waste Unit Type
Prince Edward County	Farmville Town of Landfill	SWP	195	Permitted	South Landfill Area	Inactive	Sanitary Landfill [SW]
	Farmville Town of Landfill	SWP	195	Permitted	North Landfill Area	Inactive	Sanitary Landfill [SW]
	Farmville Town of Landfill	SWP	195	Permitted	Main Landfill Area	Inactive	Sanitary Landfill [SW]
	Farmville Town of Landfill	SWP	337	Revoked	Farmville Town of - Landfill	Closed	Closed Sanitary Landfill [SW]
	Prince Edward County Sanitary Landfill	SWP	420	Revoked	Prince Edward County of-Sanitary Landfill	Closed	Closed Sanitary Landfill [SW]
	Prince Edward County Sanitary Landfill	SWP	584	Permitted	Pr. Edward Co SLF Unit #1 (prev permit under #420)	Closed	Closed Sanitary Landfill [SW]
	Prince Edward County Sanitary Landfill	SWP	584	Permitted	Pr. Edward Co SLF	Active	Sanitary Landfill [SW]
	Prince Edward County Sanitary Landfill	SWP	584	Permitted	Pre-88 Closed Area	Closed	Closed Sanitary Landfill [SW]
Cumberland County	Hamilton (Cartersville) Sanitary Landfill	SWP	339	Permitted	Cartersville Sanitary Landfill	Post-Closure	Closed Sanitary Landfill [SW]
	Randolph District SLF Cumberland County	SWP	341	Permitted	Western Waste Area	Post-Closure	Closed Sanitary Landfill [SW]
	Randolph District SLF Cumberland County	SWP	341	Permitted	Randolph District Sanitary Landfill	Post-Closure	Closed Sanitary Landfill [SW]
	Randolph District SLF Cumberland County	SWP	341	Permitted	Eastern Waste Area	Post-Closure	Closed Sanitary Landfill [SW]
	Madison Dist Sanitary Landfill	SWP	342	Permitted	Madison District Sanitary Landfill	Post-Closure	Closed Sanitary Landfill [SW]

*From the DEQ Solid Waste Data Base

APPENDIX H
DOCUMENTATION OF PROPOSED NEW DISPOSAL FACILITY INCLUSION

CUMBERLAND COUNTY

69.12a

[redacted]

THE FARMVILLE HERALD
PO BOX 307
FARMVILLE VA 23901 0307

434-392-4151

THANK YOU FOR YOUR PROMPT PAYMENT
PLEASE INCLUDE ID# WITH PAYMENT

ID# 69

CUMBERLAND CO ADMINISTRATOR
PO BOX 110
CUMBERLAND VA 23040

[redacted]

	Balance Forward			627.00	
12/01/2006	LOCAL DISPLAY ADVERTISING	9.500	INCH	90.25 BOS	
12/01/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/06/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	9.000	INCH	85.50 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	10.000	INCH	95.00 BOS	
12/15/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/20/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
12/21/2006	PAYMENT				475.00-
	CHECK 049575				
12/22/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS	
12/28/2006	QUOTED PRICE				152.00-
	BILLED IN ERROR, BELONGED TO HEALTH DEPT				
12/29/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS	
	Balance Due			684.00	

DATE REC'D 1-4-2007
DEPT APPROVAL
CO. ADMIN APPROVAL
CHECK # 49800
DATE PAID 1-9-07
BUDGET CODE 1101-3600

Current	30	60	90	90+
684.00	0.00	0.00	0.00	0.00

would have include Iran and that the U.S. must enter into dialogue with the country.

Asked if it was time for President Bush and British Prime Minister Tony Blair to change course, he responded: "I think we have to redefine the course, but I don't think that the alternative is between military victory, as defined previously, or total withdrawal.

ıve Quimby Group
r Real Estate Partner For Life.
id Quimby for additional information
6036 (C) & 804-365-8795 (F)

ad from the $150's
oran View on Piney Grove Road.
new home the way you like on 1+
today to pick out your:

available!
ilable no money down!
it – Call today get approved!

NOTICE OF PUBLIC HEARING

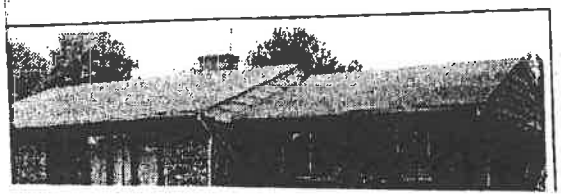
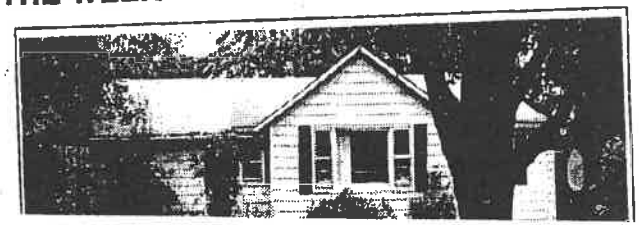
ON AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN FOR PRINCE EDWARD AND CUMBERLAND COUNTIES BY THE COUNTY OF CUMBERLAND, VIRGINIA

The Cumberland County Board of Supervisors will hold a public hearing, which may be continued or adjourned, as required under applicable law, on January 3, 2007 at 7:00 p.m. in the Circuit Courtroom of the Cumberland County Courthouse in connection with the intention of the Board of Supervisors to consider acceptance and adoption of amendments to the County's current Solid Waste Management Plan for Prince Edward and Cumberland Counties. The Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties. The amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County. The public is invited to appear and present their views, or submit written comments prior to the hearing, on the proposed amendments to the Solid Waste Management Plan, which are available for inspection between the hours of 8:30 a.m. and 4:30 p.m. in the County Administrator's Office. Any persons with disabilities are urged to contact the County Administrator's Office prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office at 804/492-3625.

Judy Ownby, County Administrator
By Order of the Cumberland County Board of Supervisors

MAX® Advantage Plus

Residential, Commercial, Land, Farms,
New Construction, and Property Management
"FEATURED LISTINGS OF THE WEEK"

Excerpt from the January 3, 2007
Meeting of the Cumberland County Board of Supervisors

b) Amendments to Solid Waste Management Plan
The Chairman opened the public hearing. There were three citizens signed up to speak in regards to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

The Chairman closed the public hearing.

The Chairman read a written statement from a citizen and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the State to have a Solid Waste Management Plan in place. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

On a motion by Mr. Womack and carried, the Board adopted the following resolution:

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all

certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Vote:	Mr. Osl – aye	Mr. White – aye
	Mr. Petty – aye	Mr. Womack – aye
	Mr. Oertel – aye	

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Dated: 1/3/07

Attested: Judy Owsley
Clerk, Board of Supervisors

BOARD OF SUPERVISORS
OF THE
COUNTY OF CUMBERLAND, VIRGINIA
RESOLUTION
AUTHORIZING AND APPROVING AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN

January 3, 2007

At a meeting of the Board of Supervisors of Cumberland County, Virginia, in the Circuit Courtroom of the Cumberland County Courthouse at Cumberland, Virginia commencing at 6:00 p.m., January 3, 2007, the following action was taken:

Following a presentation of the recitals and the resolutions for adoption and on a motion by Supervisor Womack and carried, the Board of Supervisors adopted and approved the Resolution according to the votes stated below:

Present:	Vote:
William F. Osl, Jr., Chairman	yes
Clifton C. White	yes
Van H. Petty	yes
Elbert R. Womack	yes
Robert J. Oertel	yes

Absent:

Dated: January 3, 2007

Attested: _____
Clerk, Board of Supervisors

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Provided pursuant to requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as Public Hearing Comments and the Submitter's Response as excerpted from the January 3, 2007, minutes of the Board of Supervisors meeting at which the public hearing was held regarding amendments to the Cumberland County Solid Waste Management Plan and as supplemented from materials received from the public by Cumberland County.

At the Second Public Hearing of the Meeting, on the Board Agenda, titled as, "Amendments to the Solid Waste Management Plan," the following occurred.

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments Received from the public are below:

Ron Sears – Cumberland County resident, French's Store Road
He asked why the residents on French's Store Road had not been included in the proposed private landfill process, since these residents would be directly impacted from the facility.

Tim Kennell – Cumberland County resident, The Woods, Rt. 60
He asked why the County needed another landfill. He further inquired why was the SWMP being revised before the DEQ permit was approved.

Kay Hooven – signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, Old Buckingham Road
She offered that she thinks that a landfill is not needed in the County and that the proposed landfill has bred contempt for the Board of Supervisors. Unrelated to the proposed private landfill, she asked that the Board allow more time to move the log cabin from its current site of the construction of the new Cumberland County High School/Middle School Complex.

The Chairman then closed the public hearing.

The Chairman read a written statement from a citizen, as attached hereto as Attachment A, and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the Commonwealth of Virginia to have an approved Solid Waste Management Plan. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

ATTACHMENT A

The following is an email correspondence from Carol Wright of Cartersville, Virginia, located in Cumberland County.

Judy Ownby

From: Carol Wright [carolwright@ceva.net]
Sent: Wednesday, January 03, 2007 10:29 AM
To: White, Clifton C. CSM NGVA; W. F. Osl, Jr.; Judy Ownby
Subject: Cumberland Solid Waste Management Plan

Dear Ms. Ownby and Distinguished Members of Cumberland Board of Supervisors,

I regret that I am unable to attend the public hearing regarding Cumberland's Solid Waste Management Plan, which I understand is scheduled for the evening of January 3, 2006.

Please read the following statement at the meeting to enter my comments into the public record.

At appears that the proposed solid waste management plan with Prince Edward County is an effort to mak a case for Cumberland's need for a mega landfill. Amelia's Mapewood Landfill has more than eighty-five years remaining capacity and lies less than seventy-five miles from Cumberland. The capacity meets the waste management needs of Cumberland in the foreseeable future and is located a reasonable distance from Cumberland.

In consideration of these facts, I am opposed to the proposed solid waste management plan.

Thank you.

Carol Wright

PRINCE EDWARD COUNTY

BOARD OF SUPERVISORS

WILLIAM G. FORE, JR.
CHAIRMAN

HOWARD F. SIMPSON
VICE-CHAIRMAN

SALLY W. GILFILLAN
PATTIE COOPER-JONES
ROBERT M. JONES
CHARLES W. MCKAY
JAMES C. MOORE
LACY B. WARD

COUNTY OF PRINCE EDWARD, VIRGINIA
WWW.CO.PRINCE-EDWARD.VA.US

COUNTY ADMINISTRATOR
MILDRED B. HAMPTON

POST OFFICE BOX 382
FARMVILLE, VA 23901

(434) 392-8837 VOICE

(434) 392-6683 FAX

SHAMPTON@
CO.PRINCE-EDWARD.VA.US

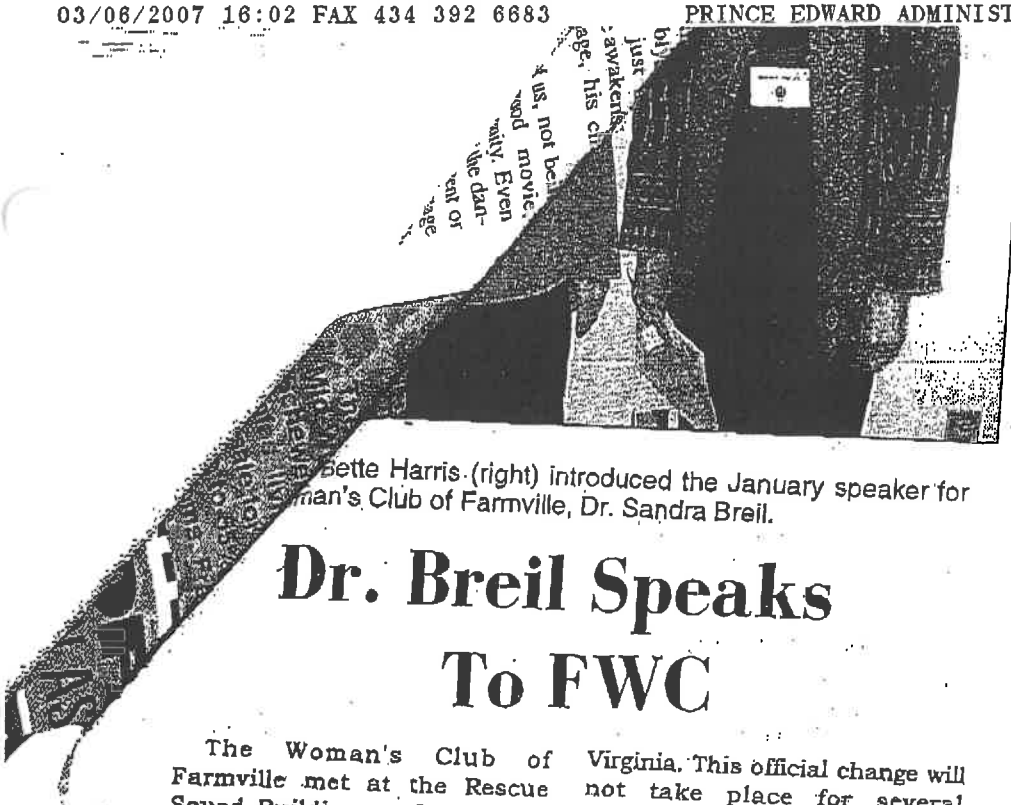
January 10, 2007

Please run the following in the Friday Jan. 12th & 19th editions of *The Farmville Herald*:

PUBLIC NOTICE

Prince Edward County will hold a public hearing on January 24, 2007 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, Planning Director at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Sarah E. Puckett, Acting County Administrator



Bette Harris (right) introduced the January speaker for man's Club of Farmville, Dr. Sandra Breil.

Dr. Breil Speaks To FWC

The Woman's Club of Farmville met at the Rescue Squad Building on Jan. 3 at 3 p.m. The program, under the International Department, was Dr. Sandra Breil, retired Longwood professor of biology, who was introduced by Dr. Bette Harris, chairman of the International Department of the Club.

Dr. Breil spoke about her travels and experiences with Earthwatch. Dr. Briel has participated in projects with this group in such places as Iceland, Australia, England and other locations. Dr. Briel's talk and slides of her work were enjoyed by the members.

The members present voted to add GFWC to the name of the Club, as encouraged by GFWC Virginia. This official change will not take place for several months.

The Club also held a shower of "Books for Babies," collecting 58 books which were donated to the nursery of Southside Community Hospital for distribution to new mothers. Giving books to new mothers is an ongoing project to encourage mothers to begin reading to their infants.

The next meeting of the Woman's Club of Farmville will be Feb. 7 at the Rescue Squad Building at 2:30 p.m. Members are to bring material for making valentines. Also, those who wish to display their craft-making talents are to take their projects to the Rescue Squad Building between noon and 2 p.m.

PUBLIC NOTICE

Prince Edward County will hold a public hearing on January 24, 2007 at 7:00 p.m. in the Board of Supervisors Room of the Courthouse, Farmville, Virginia, to receive public comment on the Prince Edward County / Cumberland County Solid Waste Management Plan. This state-mandated plan discusses the current and future solid waste disposal, collection and recycling plans for the counties. A copy of the draft plan is available for review in the Prince Edward County Administrator's Office, Courthouse, 3rd floor. Questions can be directed to Jonathan L. Pickett, Planning Director at 434-392-8837.

By Order of the Board of Supervisors
Of Prince Edward County, Virginia
Sarah E. Puckett, Acting County Administrator

[redacted]

Color

Did you know colo
among all cancers?
cancer is one of the
if found early enou
forms of cancer. A
screening is recom
at age 50. If you ha
colorectal cancer, i
colonoscopies earl

Help increase awa
friends and in you
or older, talk to yo
a colonoscopy.

For more informati
visit our website at

It could

[redacted]

February 14, 2007

The following is an excerpt of the minutes of the regular meeting of the Prince Edward County Board of Supervisors held February 13, 2007.

In Re: Regional Solid Waste Management Plan

Mr. Jonathan Pickett reported that on July 13, 2004, the Board adopted the Prince Edward - Cumberland Solid Waste Management Plan. Since that adoption, Cumberland County proposed a major change in its Solid Waste Management System with the development of a private landfill. Due to the magnitude of the change in the plan, the State required the plan be amended. In order to do so, a public hearing by both localities and action by both governing bodies was required.

Mr. Pickett advised that Cumberland County had already held a public hearing and adopted the amended plan. He also advised that Prince Edward County held a public hearing on January 24, 2007 and no citizens attended. Therefore, due to lack of public comment and the fact the Prince Edward portion of the plan was not changing, Mr. Pickett recommended the Board adopt the amended plan.

Supervisor Gilfillan stated that since no one attended the County's hearing, all future public hearings be held during regular Board meetings.

After some further discussion, a motion was made by Mr. Jones that the Prince Edward Board of Supervisors adopt the amended Prince Edward – Cumberland Solid Waste Management Plan. The motion carried:

Aye: Pattie Cooper-Jones.
William G. Fore, Jr
Sally W. Gilfillan
Robert M. Jones
Charles W. McKay
James C. Moore
Howard F. Simpson
Lacy B. Ward

Nay: None

CERTIFIED TRUE COPY

Sarah Elam Puckett
Acting County Administrator

69.12a

THE FARMVILLE HERALD
PO BOX 307
FARMVILLE VA 23901 0307

434-392-4151

THANK YOU FOR YOUR PROMPT PAYMENT
PLEASE INCLUDE ID# WITH PAYMENT

ID# 69

CUMBERLAND CO ADMINISTRATOR
PO BOX 110
CUMBERLAND VA 23040

	Description	Units		Credit
	Balance Forward			627.00
12/01/2006	LOCAL DISPLAY ADVERTISING	9.500	INCH	90.25 BOS
12/01/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/06/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	9.000	INCH	85.50 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	10.000	INCH	95.00 BOS
12/15/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/20/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
12/21/2006	PAYMENT			475.00-
	CHECK 049575			
12/22/2006	LOCAL DISPLAY ADVERTISING	10.500	INCH	99.75 BOS
12/28/2006	QUOTED PRICE			152.00-
	BILLED IN ERROR, BELONGED TO HEALTH DEPT			
12/29/2006	LOCAL DISPLAY ADVERTISING	4.000	INCH	38.00 BOS
	Balance Due			684.00

DATE REC'D 1-4-2007
DEPT APPROVAL _____
CO. ADMIN APPROVAL
CHECK # 49800
DATE PAID 1-9-07
BUDGET CODE 1101 0-3600

Current	30	60	90	90+
684.00	0.00	0.00	0.00	0.00

would have ... include Iran and that the U.S. must enter into dialogue with the country.

Asked if it was time for President Bush and British Prime Minister Tony Blair to change course, he responded: "I think we have to redefine the course, but I don't think that the alternative is between military victory, as defined previously, or total withdrawal.

ıve Quimby Group
r Real Estate Partner For Life.
id Quimby for additional information
6036 (C) & 804-365-8795 (F)

ad from the $150's
oran View on Piney Grove Road.
new home the way you like on 1+
today to pick out your:

available!
ilable no money down!
it – Call today get approved!

NOTICE OF PUBLIC HEARING

ON AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN FOR PRINCE EDWARD AND CUMBERLAND COUNTIES BY THE COUNTY OF CUMBERLAND, VIRGINIA

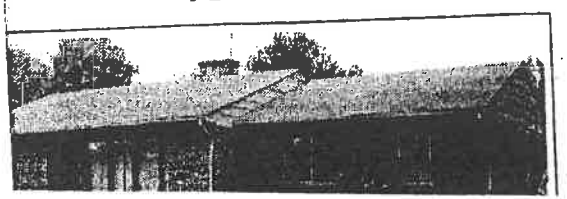
The Cumberland County Board of Supervisors will hold a public hearing, which may be continued or adjourned, as required under applicable law, on January 3, 2007 at 7:00 p.m. in the Circuit Courtroom of the Cumberland County Courthouse in connection with the intention of the Board of Supervisors to consider acceptance and adoption of amendments to the County's current Solid Waste Management Plan for Prince Edward and Cumberland Counties. The Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties. The amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County. The public is invited to appear and present their views, or submit written comments prior to the hearing, on the proposed amendments to the Solid Waste Management Plan, which are available for inspection between the hours of 8:30 a.m. and 4:30 p.m. in the County Administrator's Office. Any persons with disabilities are urged to contact the County Administrator's Office prior to the public hearing to arrange for any necessary accommodations. For additional information, please contact the County Administrator's Office at 804/492-3625.

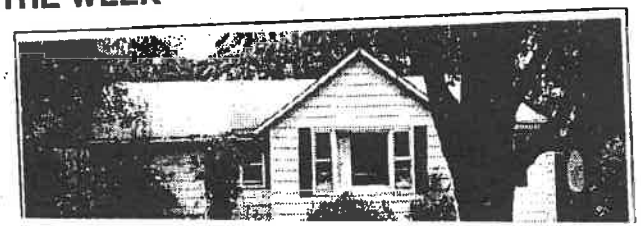
Judy Ownby, County Administrator
By Order of the Cumberland County Board of Supervisors

MAX® Advantage Plus

Residential, Commercial, Land, Farms,
New Construction, and Property Management

"FEATURED LISTINGS OF THE WEEK"





Excerpt from the January 3, 2007
Meeting of the Cumberland County Board of Supervisors

b) Amendments to Solid Waste Management Plan
The Chairman opened the public hearing. There were three citizens signed up to speak in regards to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

The Chairman closed the public hearing.

The Chairman read a written statement from a citizen and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the State to have a Solid Waste Management Plan in place. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

On a motion by Mr. Womack and carried, the Board adopted the following resolution:

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all

certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Vote:	Mr. Osl – aye	Mr. White – aye
	Mr. Petty – aye	Mr. Womack – aye
	Mr. Oertel – aye	

WHEREAS, the Board of Supervisors (the "Board") of Cumberland County, Virginia (the "County") has been presented with amendments to the County's current Solid Waste Management Plan with Prince Edward County;

WHEREAS, the Solid Waste Management Plan provides an integrated management system and long-range planning for waste and recycling both in Prince Edward and Cumberland Counties;

WHEREAS, the amendments reflect the availability of a proposed landfill to be sited in the eastern part of Cumberland County;

WHEREAS, the Board has reviewed and considered the amendments;

acceptance and adoption of amendments to the County's and Cumberland Counties.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF CUMBERLAND COUNTY, VIRGINIA:

1. The foregoing recitals are incorporated herein by reference.

2. The Solid Waste Management Plan for Prince Edward and Cumberland Counties, reflecting amendments which include the availability of a proposed landfill to be sited in the eastern part of Cumberland County and as presented at this meeting of the Board, is hereby by accepted and adopted.

3. Each of the County Administrator and the Chairman of the Board (each, an "Authorized Representative") and such other officers of the County as are requested are hereby authorized and directed to execute, deliver and file all certificates and documents and to take all such further action as they may consider necessary or desirable in connection with the acceptance and approval of the Solid Waste Management Plan.

4. Each Authorized Representative is hereby authorized and directed to execute such documents, with such completions, omissions, insertions and changes not inconsistent with this Resolution, as may be approved by an Authorized Representative, his or her execution to constitute conclusive evidence of approval of any such completions, omissions, insertions and changes.

5. Any authorization herein to execute a document shall include authorization to deliver it to other parties and to record such document where appropriate.

6. All other acts of an Authorized Representative and other officers of the County that are in conformity with the purposes and intent of this Resolution are hereby approved and ratified.

BE IT RESOLVED BY THE BOARD OF SUPERVISORS that this Resolution is hereby effective immediately.

Dated: 1/3/07

Attested: Judy Owsley
Clerk, Board of Supervisors

BOARD OF SUPERVISORS
OF THE
COUNTY OF CUMBERLAND, VIRGINIA
RESOLUTION
AUTHORIZING AND APPROVING AMENDMENTS TO THE SOLID WASTE MANAGEMENT PLAN

January 3, 2007

At a meeting of the Board of Supervisors of Cumberland County, Virginia, in the Circuit Courtroom of the Cumberland County Courthouse at Cumberland, Virginia commencing at 6:00 p.m., January 3, 2007, the following action was taken:

Following a presentation of the recitals and the resolutions for adoption and on a motion by Supervisor Womack and carried, the Board of Supervisors adopted and approved the Resolution according to the votes stated below:

Present:	Vote:
William F. Osl, Jr., Chairman	yes
Clifton C. White	yes
Van H. Petty	yes
Elbert R. Womack	yes
Robert J. Oertel	yes

Absent:

Dated: January 3, 2007____

Attested: _____
Clerk, Board of Supervisors

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY
AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Provided pursuant to requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as Public Hearing Comments and the Submitter's Response as excerpted from the January 3, 2007, minutes of the Board of Supervisors meeting at which the public hearing was held regarding amendments to the Cumberland County Solid Waste Management Plan and as supplemented from materials received from the public by Cumberland County.

At the Second Public Hearing of the Meeting, on the Board Agenda, titled as, "Amendments to the Solid Waste Management Plan," the following occurred.

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments Received from the public are below:

Ron Sears – Cumberland County resident, French's Store Road
He asked why the residents on French's Store Road had not been included in the proposed private landfill process, since these residents would be directly impacted from the facility.

Tim Kennell – Cumberland County resident, The Woods, Rt. 60
He asked why the County needed another landfill. He further inquired why was the SWMP being revised before the DEQ permit was approved.

Kay Hooven – signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, Old Buckingham Road
She offered that she thinks that a landfill is not needed in the County and that the proposed landfill has bred contempt for the Board of Supervisors. Unrelated to the proposed private landfill, she asked that the Board allow more time to move the log cabin from its current site of the construction of the new Cumberland County High School/Middle School Complex.

The Chairman then closed the public hearing.

The Chairman read a written statement from a citizen, as attached hereto as Attachment A, and then addressed questions presented by citizens during the public hearing. Mr. Osl informed citizens that the County is required by the Commonwealth of Virginia to have an approved Solid Waste Management Plan. Mr. Osl also pointed out that the Department of Environmental Quality requires a revision of the current plan before a landfill could be permitted.

ATTACHMENT A

The following is an email correspondence from Carol Wright of Cartersville, Virginia, located in Cumberland County.

Judy Ownby

From: Carol Wright [carolwright@ceva.net]
Sent: Wednesday, January 03, 2007 10:29 AM
To: White, Clifton C. CSM NGVA; W. F. Osl, Jr.; Judy Ownby
Subject: Cumberland Solid Waste Management Plan

Dear Ms. Ownby and Distinguished Members of Cumberland Board of Supervisors,

I regret that I am unable to attend the public hearing regarding Cumberland's Solid Waste Management Plan, which I understand is scheduled for the evening of January 3, 2006.

Please read the following statement at the meeting to enter my comments into the public record.

At appears that the proposed solid waste management plan with Prince Edward County is an effort to mak a case for Cumberland's need for a mega landfill. Amelia's Mapewood Landfill has more than eighty-five years remaining capacity and lies less than seventy-five miles from Cumberland. The capacity meets the waste management needs of Cumberland in the foreseeable future and is located a reasonable distance from Cumberland.

In consideration of these facts, I am opposed to the proposed solid waste management plan.

Thank you.

Carol Wright

CUMBERLAND COUNTY AND PRINCE EDWARD COUNTY AMENDMENT TO SOLID WASTE MANAGEMENT PLAN

Corrected Amendment

Response to
Department of Environmental Quality letter dated May 7, 2007 –
Daniel S. Gwinner, Environmental Engineer Senior
Office of Waste Technical Support, Waste Division

Referencing paragraph 2 of the Department of Environmental Quality letter dated May 7, 2007, please accept the following corrected amendment submission of the record of the public hearing held by Cumberland County on January 3, 2007, and information further responsive to questions DEQ has received from citizens regarding public participation in the development of the SWMP. This supplements the materials previously submitted.

Provided pursuant to the requirements of 9 VAC 20-130-130, *Public Participation*, please note the following as a record of the public hearing, comments received, and the submitter's response.

Notice.
Cumberland County duly noticed the public in two different newspapers of general circulation that a public hearing on amendments to the Solid Waste Management Plan for the Prince Edward and Cumberland County Region would be held on January 3, 2007.

Public Hearing.
At the January 3, 2007 meeting (the "Meeting") of the Board of Supervisors, a public hearing was held regarding proposed amendments to the region's Solid Waste Management Plan. The comments received at the meeting are identified below and are verbatim from the voice recording of the Meeting. The only written comment received (Carol Wright of Cumberland County submitted a written comment prior to the Public Hearing) is attached as Attachment A. The Chairman of the Cumberland County Board of Supervisors, William F. Osl, Jr., responded to the comments following the public hearing and the Submitter further responds to the public participation process as set forth below.

Public Comment.
At the second public hearing of the Meeting, listed on the Board Agenda as, "Amendments to the Solid Waste Management Plan," the following occurred:

The Chairman opened the public hearing. There were four citizens signed up to speak, of which three spoke, in regards to the proposed Amendment to the Solid Waste Management Plan, most to address the issue of a proposed landfill.

Comments received from the public are below:

Ron Sears – Cumberland County resident, 825 French's Store Road

"Good evening. My name is Ron Sears and I live at 825 French's Store Road. I've got three points. Why is the Board so Hell bent on changing people's lifestyle with this landfill? That's one thing I want to know. Number two – does this Board realize that French's Store Road is in Cumberland County and they are excluded from decision making on this landfill? Nobody from French's Store Road has been asked anything about this landfill. That's it. Thank you."

Tim Kennell – Cumberland County resident, 58 The Woods

"Good evening. I am Tim Kennell, 58 The Woods. What need are we accomplishing in adopting a new waste disposal policy or amended when we are in the same waste disposal stream as Prince Edward and Amelia. It would seem the necessity for an amended would come only after a permitted landfill has passed DEQ and not before that time. What need do we have as a region to place yet another new landfill in the middle of a waste stream that seems to be working fine. In our region, both landfills in our region have an expected lifespan of a minimum of 20 years. Why does our region need another player in the stream? Thank you."

Kay Hooven – not present

Signed up to speak but was not present during public hearing.

Nancy Faxon – Cumberland County resident, 355 Old Buckingham Road

"I'm Nancy Faxon from 355 Old Buckingham Road, Cumberland. I have been going to some of the meeting. I'm kind of late in the game with this one. I have sort of sat back and thought that the landfill was something necessary but the more I learn about it the more that I just don't think it is the right move. It's done bred contempt against the Board. It's split the County and this is even before it's in the ground and it's not guaranteed that it will be safe. I'll be near it but like I said it hasn't bothered me before the more I researched into it and looked into it the more frightening it became and I don't believe the school complex has to be as big as planned. I spoke before. I don't want the school torn down and I really hope that you give the Ruritans time to get the log cabin out of there. It was built at a time when the County pulled together and the whole general feeling of the County just being so split and the all of the hurtful and contemptible things that are being said. You're supposed to be our leaders. It's sad to say that maybe some of the voters… I just hate to see it happen. I hate to see it happen over a trash pile. Thank you."

The Chairman then closed the hearing for additional verbal comment.

Written Comment.

Carol Wright – Cumberland County resident, Cartersville. At the Meeting, the Chairman of the Board of Supervisors, William F. Osl, Jr., read aloud the written comment received from Carol Wright – Cumberland County resident, Cartersville, as attached hereto as Attachment A.

Chairman's Response.

The Chairman then provided a response to the public comments by addressing the Meeting from the podium. The Response is in the Meeting minutes and is verbatim as follows:

"I would like to just let the citizens know that we are required by the state of Virginia to have a Solid Waste Management Plan. This is not an optional consideration on our part. As the last letter said, that they are opposed to the solid waste management plan – well I think they are opposed to, obviously, the same issues that other people have raised and that is the landfill component of the Solid Waste Management Plan. We are required to do that and to answer the timing question, we are required by Department of Environmental Quality to make the revisions to the Solid Waste Management Plan before the permitting process can continue. We can't wait until some later point in time to do it. Otherwise the permitting process cannot go forward so it needs to be done as a requirement from the state to do so."

Public Participation Process.

In addition to the above public hearing process on the proposed amendment to the Solid Waste Management Plan, the level of citizen involvement in the proposed siting of the private landfill has been unprecedented. Among other meetings held by the Submitter to discuss and offer public comment regarding the proposed private landfill facility, the County Planning Commission duly advertised and held public workshops and hearings on September 6, September 11, September 18 and October 10, 2006. The County Board of Supervisors duly advertised and held a public hearing on October 17, 2006. At each of these meetings, hearings, and workshops, the public was invited to voice any comments or concerns regarding matters surrounding the siting of a proposed private landfill facility in the County. County officials have attempted to address all matters raised at these meetings. Additionally, DEQ representatives were present at some of the referenced meetings and have assisted in answering questions raised by the public.

The public hearing on January 3, 2007 provided opportunity to the citizens to comment specifically on the region's Solid Waste Management Plan and the proposed amendment to the previously approved plan. Public comment overwhelmingly concerned the siting of the proposed landfill, which has been addressed by Submitter on numerous occasions as set forth above. The comments were not addressed at any other aspects of the plan. Therefore, at the meeting, the Chairman generally discussed the process and requirements for amending the Solid Waste Management Plan and the need to do so prior to obtaining the permits for any new facility.

C-29

Direct Dial (804) 550-9245
ehollos@resourceintl.com
http://www.resourceintl.com

RESOURCE
INTERNATIONAL, LTD.
ENGINEERS • SCIENTISTS • SURVEYORS • PLANNERS

RECEIVED
JUL 3 - 2007
OFFICE OF HW - PERMITTING

June 29, 2007

P.N. 90094.23

Daniel S. Gwinner
Environmental Engineer Senior
Waste Division
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219

Re:Response to Department Request for Information on June 21, 2007 regarding Amendment 1 to the Solid Waste Management Plan for Prince Edward County and Cumberland County Region

Dear Mr. Gwinner:

On behalf of Prince Edward County and Cumberland County, Resource International is providing the following information pursuant to the conference call held on June 21, 2007 with you and Mr. Thirunagari of the Virginia Department of Environmental Quality ("DEQ") and Cumberland County representatives. The purpose of the conference call was for the County to respond to additional questions from DEQ relating to the public participation process on the referenced Solid Waste Management Plan Amendment.

Cumberland County desires to provide the following additional information to DEQ regarding public access to the Draft Amended Plan as a result of the additional questions raised on our June 21, 2007 conference call. We ask that DEQ accept this information as clarification to the County's response to your May 7, 2007 letter which such response was transmitted with our letter dated May 24, 2007.

In addition to the public notice information provided as described in the May 24th submission, please note that County representatives met with officials from DEQ on December 21, 2006 in order to finalize the proposed Plan Amendment. The final draft of the proposed Plan Amendment and supporting documentation were available to citizens for inspection in the County Administrator's office as of December 22, 2006.

On information and belief and review of County records, the County Administrator received only one request to review the proposed Plan Amendment. The documentation related to the proposed Plan Amendment was provided via U.S. Mail to such citizen inquiry at least one week prior to the date of the public hearing held on January 3, 2007.

Upon review of all public comments received at the public hearing on January 3, 2007, no comment was received from any citizen raising concern that the text of the proposed Plan Amendment was not timely received or available for review.

It is our understanding, that upon receipt of the above information, all questions regarding the proposed Plan Amendment will have been satisfactorily addressed and we trust that DEQ has no further questions with regard to such Plan Amendment.

Thank you again for your time last week by telephone. Both Prince Edward County and Cumberland County look forward to receiving approval of the Amended Solid Waste Management Plan.

Sincerely,

Edward J. Hollos, P.E.
Project Manager

/af

cc: Judy Ownby, Cumberland County
Howard Estes, Woods Rogers
Jonathan Pickett, Prince Edward County
Matt Biesterveld, DEQ SCRO

APPENDIX I
DEQ Approval Letter of Original Solid Waste Management Plan

JAN - 8 2007

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
Street address: 629 East Main Street, Richmond, Virginia 23219
Mailing address: P.O. Box 1105, Richmond, Virginia 23218
Fax (804) 698-4500 TDD (804) 698-4021
www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

(804) 698-4000
1-800-592-5482

ORIGINAL COPY Ed H.

January 5, 2007

Ms. Judy Ownby, Administrator
Cumberland County
PO Box 110
Cumberland, VA 23040

Subject: **Approval of the Solid Waste Management Plan for the Prince Edward County & Cumberland County Region**

Dear Ms. Ownby:

I am pleased to inform you that the Solid Waste Management Plan for the Prince Edward County & Cumberland County Region, including the Town of Farmville, received in this office on February 11, 2005, and revised with corrections per your letters of September 6, 2006, November 20, 2006 and December 13, 2006, is hereby approved.

Thank you again for your efforts and cooperation in this matter. If you have any questions about this letter, please contact Daniel S. Gwinner at (804) 698-4218.

Sincerely,

Sanjay Thirunagari, Director
Office of Waste Technical Support
Waste Division

cc: Mr. Jonathon L. Pickett, County Planner
Robert Goode-VADEQ
Matt Biesterveld-VADEQ
Daniel S. Gwinner-VADEQ
Edward J. Hollos, P.E., Resource International, LTD, PO Box 6160, Ashland, VA 23005

At a meeting of the Cumberland County Board of Supervisors held at 7:00 p.m. on the 14th day of May 2019, at the Cumberland County Circuit Court Room:

Present:	David Meinhard, District 4, Chairman Parker Wheeler, District 5, Vice-Chairman William F. Osl, Jr., District 1 Lloyd Banks, Jr., District 2 Kevin Ingle, District 3 Vivian Giles, County Administrator | Attorney Nicci Edmondston, Assistant County Administrator JP Duncan, Zoning Administrator
Absent:	None

1. Call to Order

The Chairman called the meeting to order.

2. Welcome and Pledge of Allegiance

The Pledge of Allegiance was led by the Chairman.

3. Roll Call

County Administrator, Vivian Giles, called the roll.

4. Approval of Agenda

Supervisor Osl suggested moving item 7f, Resolution in recognition of Blanton & Pleasants after item 4, and County Administrator, Vivian Giles, requested a new item, 7h, set public hearing for VDOT Secondary Six Year Plan for public hearing.

On a motion by Supervisor Osl, and carried unanimously, the Board approved the Agenda as amended:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – aye
Mr. Meinhard – aye

5. <u>Resolution in Recognition of Blanton & Pleasants</u>

On a motion by Supervisor Osl, and carried unanimously, the Board approved a Resolution in Recognition of Blanton & Pleasants' 90th anniversary:

RESOLUTION IN RECOGNITION of
THE NINETIETH ANNIVERSARY
BLANTON & PLEASANTS, INCORPORATED

May 14, 2019

WHEREAS, Blanton & Pleasants is a fixture in the Cartersville Community of Cumberland County, serving as a retail establishment and a true embassy of good will; and

WHEREAS, since 1929, Blanton & Pleasants has served as a social hub, a community service provider, a site for community fundraising, a home for local hunting and fishing enthusiasts, and a provider of goods and services to community members and visitors alike; and

WHEREAS, in addition to those goods and services, James "Spanky" Pleasants and his wife June serve as a foundation of ministry and goodwill to the community as well; and

WHEREAS, in an age when family-owned businesses all-too-often fall victim to larger

establishments and chains, Blanton & Pleasants remains rooted strongly in the Cartersville Community of Cumberland County; and

WHEREAS, the well-being of local businesses which anchor our communities and form a strong foundation in rural Virginia - particularly those businesses like Blanton & Pleasants which serve as so much more than for-profit enterprises - is to be celebrated.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of Cumberland County, Virginia does recognize and congratulate Blanton & Pleasants for its ninety years of success in Cartersville, Virginia and does express its gratitude to the proprietors and employees of Blanton & Pleasants for their untiring service to the Cartersville Community, to Cumberland County, and to the visitors who pass through their welcoming doors.

Adopted this 14th day of May, 2019.

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

6. <u>State and Local Department/Agencies</u>

a) Dr. Amy Griffin, Superintendent of Cumberland County Public Schools

The following is a summary of the report given to the Board by Dr. Griffin:

- Graduation for the class of 2019 is Friday, May 17, 2019. Valedictorian is Abigail Heath who will be attending Virginia Commonwealth University, and Salutatorian is Autumn Holman who will be attending The College of

William & Mary. May 23, 2019 is the last day of school. The Cumberland County Public Schools Foundation awarded over $30,000 in scholarships to seniors.

- Senior Projects were held on Friday, May 10, 2019.
- The Varsity Baseball team is having a winning season with their 10th win May 12, 2019.
- Commonwealth's Attorney, Patricia Scales, with the American Legion Post 269, Sheriff Darrell Hodges and Cumberland Middle School and High School JROTC, celebrated Armed Services Day May 12, 2019 where students wrote letters to service members.
- 22 CHS students graduated from SVCC on Saturday, May 11, 2019 with Associates Degrees.
- The 2019-2020 School Board Student Liaison will be Jasmine Allen, and the two alternates will be Ramir Parker and Dawn Helton.
- Teachers of the Year are Amanda Stoltzfus from CCES, Tiffany Hurt from CCMS, and Amanda Haigh from CCHS.
- The appropriations requested of the Board at this meeting require no additional funds, they are grant and state funds.

b) VDOT

Mr. Scott Frederick, Farmville Residency Engineer, provided the following report to the Board:

- Asphalt resurfacing will begin May 20, 2019 for Rt. 684 from the Powhatan County line to Route 45, Rt. 622 from Bear Creek Market to Rt. 60, and Rt. 60 from the Powhatan County line to Rt. 601.
- Rt.'s 1009-1016 (Kimberly Hills subdivision) will have latex improvements this year.
- A draft agreement with the Sheriff's Office regarding roadside litter removal was provided to the County Administrator for review.

- Mowing on secondary roads has begun, and after completion, mowing will begin on the primary roads.
- The draft Secondary Six Year Plan was provided and a public hearing was requested for June 2019.

The Chairman stated that a constituent in his district is concerned with a dangerous intersection with limited visibility at Route 636, Raines Tavern Road, and Rt. 600, Plank Road. Supervisor Wheeler stated that the ditches need to be cleaned on Rt. 637, Airport Road, from the intersection of Rt. 45S, Cumberland Road, for approximately ¼ mile.

c) Mr. James Sanderson, Davenport & Company

Mr. Sanderson provided the Board with a PowerPoint presentation outlining the financial standing of the County. A copy of the presentation is located in the official Board file for this meeting.

7. Public Hearings

a. CA 18-04 Setbacks and road frontage

Planner and Zoning Administrator, JP Duncan, informed the Board that there are three main changes. The first is the reduction of the front setback on primary roads from 130 feet to 100 feet. The second main change is an increase in building height requirement allowing residences up to 60 feet. The third main change is road frontage reduction from 350 feet to 300 feet on secondary roads, and 500 feet to 300 feet on primary roads. The Planning Commission recommended approval to the Board unanimously at their March 25, 2019 meeting.

Supervisor Ingle recommended changing the road frontage requirements from 300 feet to 200 feet on secondary roads, and from 500 feet to 200 feet on primary roads.

The Chairman opened the public hearing. With no citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Ingle, and carried by the following vote, the Board approved CA 18-04 as presented and including the proposed changes to road frontage requirements suggested by Supervisor Ingle:

Vote:	Mr. Osl – nay	Mr. Banks – aye
	Mr. Ingle – aye	Mr. Meinhard – aye
	Mr. Wheeler – nay	

b. CUP 19-02 Rt. 606 Truck & Auto

Planner and Zoning Administrator, JP Duncan, informed the Board that Mr. Willie Bullock proposes to run a commercial garage at his property on Blenheim Road. The Planning Commission unanimously recommended approval of the CUP with conditions at their April 22, 2019 meeting.

The Chairman opened the public hearing. With no citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Banks, and carried unanimously, the Board approved CUP 19-02, Rt. 606 Truck & Auto with the following conditions:

1. The permit holder shall, at all times, comply with all applicable federal, state, and local statutes, codes, regulations, and ordinances. A violation at any time of any federal, state, or local statute, code, regulation, or ordinance shall constitute a violation of this conditional use permit, regardless of whether enforcement action of the violated law, regulation, or ordinance is undertaken or is successful.

This conditional use permit shall terminate immediately upon such violation.

2. No more than fifteen (15) inoperable vehicles will sit outside of the garage at any given time. Inoperable motor vehicle means any motor vehicle which is not in operating condition; or which for a period of 60 days or longer has been partially or totally dissembled by the removal of tires and wheels, the engine, or other essential parts required for operation of the vehicle or on which there are displayed neither valid license plates nor a valid inspection decal.
3. Noise is restricted between the hours of 11:00 p.m. and 7:00 a.m. daily. At all times, noise and sound levels must not disturb residents of adjacent properties

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

c. CUP 19-03 Timber Creek Event Barn

Planner and Zoning Administrator, JP Duncan, informed the Board that Robbie & Whitney Lipscomb have been using the property as an event facility for approximately two years. This would be an amendment of CUP 18-11 Timber Creek Event Barn. The Lipscombs would like to amend their original CUP from not being allowed to have more than 300 attendees to being allowed to have up to four events per year with over 300 attendees. The events would be open to the public, and necessary arrangements would be made to host a larger amount of people. There have been no complaints against the use of this event facility since its operation began. The Planning Commission recommended approval of the proposal with a vote of 4-2-1 with eleven conditions.

Supervisor Wheeler questioned the ability of the road to accommodate the proposed increase in traffic, and made a motion to table action until June 2019 in order to obtain

the opinion of VDOT regarding the capacity of the road to the event facility.

The Chairman opened the public hearing. Mr. Bill Bruce stated that there are no issues with the roadway leading to the property, and implored the Board not to table action, but to approve the request. Mrs. Carolyn Banton is opposed to the increase in approved number of attendees, and disagrees with the county attorney's interpretation of the easement document. Applicant Robbie Lipscomb stated that no problems with traffic have been encountered and the facility has a Land Use Permit with VDOT existing. Ms. Barbara Speas stated that there are not issues with the roadway, that two cars can pass with no problems. With no other citizens signed up to speak, the Chairman then closed the public hearing.

A substitute motion was made by Supervisor Banks, and carried by the following vote, to approve CUP 19-03 Timber Creek Event Barn with the following conditions:

1. The permit holder shall, at all times, comply with all applicable federal, state, and local statutes, codes, regulations, and ordinances. A violation at any time of any federal, state, or local statute, code, regulation, or ordinance shall constitute a violation of this conditional use permit, regardless of whether enforcement action of the violated law, regulation, or ordinance is undertaken or is successful. This conditional use permit shall terminate immediately upon such violation.

2. Health Department permit: The Health Department has indicated that the proposal requires review by a PE to ensure the proper design of the waste disposal system.

3. Building, septic, well, and electrical: The applicant must comply with all federal, state, and local regulations pertaining to applicable building codes and private water, sewer, and electricity. The applicant must provide a written letter from the Cumberland County Health Department indicating compliance with their codes for the facility.

4. Compliance with plan required: The applicant must comply with the site plan attached to the application in regard to the areas to be used for events and parking. In no case may driveways or parking areas be closer than any setbacks for the underlying zoning district. Such provisions must, at a minimum, include gravel at the site entrance and, if necessary, at vehicle parking locations.

5. Community safety: If county or state law enforcement is required to respond to restore order to those on the property more than two (2) times in a thirty (30) day period, the conditional use permit may be reviewed by the Board of Supervisors and may be revoked at the Board's discretion.

6. Refuse disposal: After each event, all trash will be removed from the site within forty-eight (48) hours.

7. Noise control: Noise is restricted between the hours of 11:00 p.m. and 7:00 a.m. daily. At all times, noise and sound levels must not disturb residents of adjacent properties.

8. Lighting: Lighting must not produce glare or spillover onto adjacent properties.

9. Maximum attendance: Each private event is limited to no more than three hundred (300) attendees. Each event, which is open to the public, is limited to no more than five hundred (500) attendees. Not more than four (4) events during a twelve (12) month period will have over three hundred (300) attendees. During each event that is open to the public and alcohol is served, there must be one (1) trained security officer, certified by the local sheriff, per every one hundred (100) attendees.

10. The operator is required to request an annual fire and safety inspection by a Cumberland County Fire Marshall or other employee or volunteer who is authorized to perform such inspections and must implement within thirty (30) days all changes required by such inspector. The operator further must maintain the use of a thirty (30) foot easement by emergency services personnel.

11. Renewal of conditional use permit: Regular renewal of the conditional use permit is required in order to demonstrate continued compliance. For each renewal, the operator must provide all requested documentation from each applicable state and local agency regarding the applicant's performance and compliance with the criteria used to approve the use, as well as a review of any code infractions and/or violations. Renewals will occur on the following schedule:

a. 5 years after approval;
b. Every 5 years thereafter;
c. Upon any change in operator

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – nay
Mr. Banks – aye
Mr. Meinhard – aye

The approval of the substitute motion nullified the original motion made by Supervisor Wheeler.

d. CUP 19-04 Northfield Plantation

Planner and Zoning Administrator, JP Duncan, informed the Board that CUP 16-03 for the use of this parcel as an event facility was approved in April of 2016 for a previous owner. That owner was unable to follow through with their plans to operate an event facility, and therefore the CUP expired. Under new ownership, there are plans to renovate existing structures and host events on this property to include, but not limited to, weddings, charity events, and general community events. The Planning Commission unanimously recommended approval with eight conditions.

The Chairman opened the public hearing. Ms. Barbara Speas signed up to speak but passed on the opportunity. With no other citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Osl and carried by the following vote, the Board approved CUP 19-04 Northfield Plantation with the following conditions:

1. The permit holder shall, at all times, comply with all applicable federal, state, and local statutes, codes, regulations, and ordinances. A violation at any time of any federal, state, or local statute, code, regulation, or ordinance shall constitute a violation of this conditional use permit, regardless of whether enforcement action of the violated law, regulation, or ordinance is undertaken or is successful. This conditional use permit shall terminate immediately upon such violation.

2. Building, septic, well, and electrical: The applicant must comply with all federal, state, and local regulations pertaining to applicable building codes and private water, sewer, and electricity. The applicant must provide a written letter from the Cumberland County Health Department indicating compliance with their codes for the facility.

3. Compliance with plan required: The applicant must comply with the site plan attached to the application in regard to the areas to be used for events and parking. In no case may driveways or parking areas be closer than any setbacks for the underlying zoning district. Such provisions must, at a minimum, include gravel at the site entrance and, if necessary, at vehicle parking locations.

4. Community safety: If county or state law enforcement is required to respond to restore order to those on the property more than two (2) times in a thirty (30) day period, the conditional use permit may be reviewed by the Board of Supervisors, and may be revoked at the Board's discretion.

5. Refuse disposal: After each event, all trash will be removed from the site within forty-eight (48) hours.

6. Noise control: Noise is restricted between the hours of 11:00 p.m. and 7:00 a.m. daily. At all times, noise and sound levels must not disturb residents of adjacent properties

7. Lighting: Lighting must not produce glare or spillover onto adjacent properties.

8. Renewal of conditional use permit: Regular renewal of the conditional use permit is required in order to demonstrate continued compliance. For each renewal, the operator must provide all requested documentation

from each applicable state and local agency regarding the applicant's performance and compliance with the criteria used to approve the use, as well as a review of any code infractions and/or violations. Renewals will occur on the following schedule:

a. 1 year after approval;
b. 2 years after approval;
c. 5 years after approval;
d. Every five years thereafter; Upon any change in operator

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – abstain

e. REZ 19-01 Hamilton Dance Studio

Planner and Zoning Administrator, JP Duncan, informed the Board that the property owner proposes to open a dance studio on the property with the possibility of opening a convenience store and a restaurant at a later date. This would require rezoning of the property from R-2 to B-1.

The Chairman opened the public hearing. With no citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Ingle and carried unanimously, the Board approved REZ 19-01 Hamilton Dance Studio:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

f. REZ 19-02 Price Right Mini Storage

Planner and Zoning Administrator, JP Duncan, informed the Board that a mini-storage warehouse built on the property many years ago. The applicant proposes to subdivide the property to separate the dwelling from the warehouse. This rezoning from A-2 to B-3 would allow the subdivision as well as bring the property into compliance with County code.

The Chairman opened the public hearing. With no citizens signed up to speak, the Chairman then closed the public hearing.

On a motion by Supervisor Osl and carried unanimously, the Board approved REZ 19-02 Price Right Mini-Storage:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

8. County Attorney/County Administrator Report

a) Consent Agenda
   1) Approval of Bills for April 2019 and May 2019. Approved bills for May 14, 2019 total $214,136.57. Ratified bills for April 10, 2019 through May 13, 2019 of warrants total $422,023.53 with check numbers ranging from 79527-79787.
   2) Approval of Minutes – April 2, 2019, April 9, 2019, and April 18, 2019

On a motion by Supervisor Osl and carried unanimously, the Board approved the consent agenda as presented:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

b. Ratification of Prince Edward County amendments to the regional Solid Waste Management Plan (SWMP)

County Administrator, Vivian Giles, informed the Board that Prince Edward approved the Regional SWMP with a few minor amendments which require the Board ratify the Plan with those amendments.

On a motion by Supervisor Osl, and carried unanimously, the Board ratified the Prince Edward Amendments to the Regional SWMP:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – aye
Mr. Meinhard – aye

c. Appointment needed for Piedmont Alcohol Safety Action Plan (ASAP) Board

On a motion by Supervisor Wheeler and carried unanimously, the Board appointed Sheriff Darrell Hodges to the Piedmont ASAP Board to fill an unexpired term through October 2020:

Vote: Mr. Osl – aye
Mr. Ingle – aye
Mr. Wheeler – aye
Mr. Banks – aye
Mr. Meinhard – aye

d. July 5, 2019 Holiday request

County Administrator, Vivian Giles, requested the Board approve an additional holiday for county staff on Friday, July 5, 2019.

On a motion by Supervisor Ingle and carried unanimously, the Board approved an additional holiday for county staff on July 5, 2019:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

e. Set public hearing for Cobb's Creek Reservoir Watershed Protection Ordinance

On a motion by Supervisor Osl, the Board set a public hearing for the Cobbs Creek Watershed Protection Ordinance for June 11, 2019:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

f. Set public hearing for VDOT Secondary Six Year Plan (SSYP)

On a motion by Supervisor Osl and carried unanimously, the Board set a public hearing for the VDOT Secondary Six Year Plan for June 11, 2019:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

9. Finance Director's Report

a) Monthly budget Report

There was no discussion regarding the monthly budget report.

b) CUCPS Supplemental Appropriation for additional funding for the 18-19 school year - $659,009

On a motion by Supervisor Wheeler and carried unanimously, the Board approved an appropriation in the amount of $659,009 to CCPS:

Vote: Mr. Osl – aye, Mr. Banks – aye, Mr. Ingle – aye, Mr. Meinhard – aye, Mr. Wheeler – aye

c) Supplemental Appropriation of $250 donation for Cumberland Animal Control

On a motion by Supervisor Wheeler and carried unanimously, the Board approved an appropriation of a $250 donation for Cumberland Animal Control:

Vote: Mr. Osl – aye, Mr. Banks – aye, Mr. Ingle – aye, Mr. Meinhard – aye, Mr. Wheeler – aye

d) RFP – Elementary School Flooring

Assistant County Administrator, Nicci Edmondston, informed the Board that at their direction, staff did issue a Request for Proposals for replacement of the flooring at the Cumberland Elementary School to which staff received one proposal. The bids range from $500,000 to $678,000. CCPS School Superintendent, Dr. Amy Griffin suggested that the county issue another RFP for work to begin in the summer of 2020.

10. Planning Director's Report

a) Planning Project Update

There was no discussion regarding this item.

b) Set public hearing for CUP 19-05 Dowler, LLA

On a motion by the Chairman and carried unanimously, the Board set a public hearing for CUP 19-05 Dowler, LLA for June 11, 2019:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

11. <u>Old Business</u>

N/A

12. <u>New Business</u>

Supervisor Ingle stated a need for a 4x4 vehicle to assist the Fire Departments in transporting patients where ambulances cannot go. Randolph Volunteer Fire Department (RVFD) purchased one for $8,550. Supervisor Ingle requested that the county reimburse RVFD for that purchase as this was filling a Cumberland Fire & EMS identified need.

Supervisor Ingle made a motion to consider the reimbursement the Randolph Volunteer Fire Department $8,550 for the purchase of a 4x4 vehicle on June 11, 2019:

Vote: Mr. Osl – aye Mr. Banks – aye
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

Supervisor Ingle made a motion to approve an estimate from Shores Painting to paint the buildings at the Courthouse Complex for an amount not to exceed $40,265.00 in the current fiscal year with the work to begin immediately:

Vote: Mr. Osl – aye Mr. Banks – nay
Mr. Ingle – aye Mr. Meinhard – aye
Mr. Wheeler – aye

Supervisor Banks voiced concern with the competitiveness of the bids received due to poor planning.

13. Public Comments

Mr. Bob Pennington voiced concern with the poor visibility at the intersection of Plank and Raines Tavern Roads.

Ms. Betty Myers stated that she agrees with Supervisor Banks on many things, the budget process is not handled properly, and the landfill was not the solution to the Boards prior mistakes.

Mr. Bernard Pond stated that the librarian had a report to present to the Board but left because she was not on the agenda. He also stated that there were five accidents in one week, one included a dump truck. The landfill will create many more accidents than that.

14. Supplemental Information

N/A

15. Board Member Comments

The Chairman thanked those in attendance for coming to the meeting.

16. Adjourn into Closed Meeting

On a motion by Supervisor Osl and carried, the Board entered into closed meeting pursuant to the Virginia Code Section set for the below to discuss the subject identified:

- Virginia Code § 2.2-3711.A.1: Personnel;
  Subject: Discussion of County Administrator employment candidates:

Vote: Mr. Osl – aye
Mr. Banks – aye
Mr. Ingle – aye
Mr. Meinhard – aye
Mr. Wheeler – aye

17. <u>Reconvene in Open Meeting</u>

The Board returned to regular meeting on a motion by Supervisor Osl.

A motion was made by Supervisor Osl and adopted by the following vote:

Mr. Osl - aye
Mr. Banks – aye
Mr. Ingle – aye
Mr. Meinhard - aye
Mr. Wheeler - aye

That the following Certification of a Closed Meeting be adopted in accordance with The Virginia Freedom of Information Act:

WHEREAS, the Board of Supervisors of Cumberland County has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712 of the Code of Virginia requires a certification by this Board that such closed meeting was conducted in conformity with Virginia law;

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of Cumberland County hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, (ii) only such public business matters as were identified in the

motion convening the closed meeting were heard, discussed or considered by the Board of Supervisors of Cumberland County, and (iii) no action was taken in closed meeting.

18. <u>Additional Information</u>

a) Treasurer's Report
b) DMV Report
c) Monthly Building Inspections Report
d) Approved Planning Commission meeting minutes – March 25, 2019
e) Approved EDA meeting minutes – N/A

19. <u>Adjourn</u> –

On a motion by Supervisor Wheeler and carried unanimously, the Board adjourned the meeting until the next regular meeting scheduled for June 11, 2019, to be held at 7:00 p.m. in the Court Room A of the Cumberland Courthouse:

Vote: Mr. Osl – aye
Mr. Banks – aye
Mr. Ingle – aye
Mr. Meinhard – aye
Mr. Wheeler – aye

_____
David Meinhard, Chairman

_____
Vivian Giles, County Administrator/County Attorney

County of Cumberland Virginia

1 Courthouse Circle | P.O. Box 110
Cumberland. Virginia 23040
Telephone 804 492 3800
Facsimile 804 492 9224
info@cumberlandcounty.virginia.gov
www.cumberlandcounty.virginia.gov

William F. Osl, Jr, District 1 | Lloyd Banks Jr, District 2 | William K. "Kevin" Ingle, District 3 | David E. Meinhard, District 4 | Parker H. Wheeler, District 5

Certification

At a regular meeting of the Cumberland County Board of Supervisors, held on Tuesday, May 14, 2019, and a motion by Supervisor Osl and carried unanimously, the Cumberland County Board of Supervisors ratified the Prince Edward County amendments to the regional Solid Waste Management Plan:

Vote: Mr. Osl – aye; Mr. Banks – aye; Mr. Ingle – aye; Mr. Meinhard – aye; Mr. Wheeler – aye

Certified this 8th day of July 2019 by: _____

Vivian Seay Giles
Clerk to the Board of Supervisors

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 1111 E. Main Street, Suite 1400, Richmond, Virginia 23219
Mailing address: P.O. Box 1105, Richmond, Virginia 23218
www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director

(804) 698-4000
1-800-592-5482

August 29, 2019

Mr. Don Unmussig
County Administrator
Cumberland County
1 Courthouse Circle, P.O. Box 110
Cumberland, VA 23040

Mr. W.W. Bartlett
County Administrator
Prince Edward County
P.O. Box 382
Farmville, VA 23901

Re: Amendment to the Prince Edward County & Cumberland County Solid Waste Management Plan

Dear Mr. Unmussig & Mr. Bartlett:

Thank you for submitting the Amended and Restated Solid Waste Management Plan (SWMP) received in this office on July 11, 2019 and the July 18, 2019 email confirming the plan amendments. After reviewing the above submittal, the following information is needed to complete the review:

1. The cover page indicated that the SWMP has been amended and restated. Please identify the specific revisions including sections that are being submitted and identify those revisions being submitted as applicable to minor or major amendments per 9 VAC 20-130-175. Please note that major amendments per 9 VAC 20-130-175 include:

   a. Any addition, deletion, or cessation of operation of any solid waste disposal facility;

   b. Any increase in landfill capacity;

   c. Any change that moves toward implementation of a waste management strategy that is lower in the waste management hierarchy;

d. Action plans, including an action plan to address a planning unit's recycling rate that has fallen below the statutory minimum; or

e. Any change to membership in the approved area. Director approval of changes to planning unit boundaries, as described in 9 VAC 20-130-100, shall occur prior to submission of solid waste plan amendments to revise plan membership.

Minor amendment per 9 VAC 20-30-175 include:

a. Any addition, deletion, or cessation of operation of any facility that is not a solid waste disposal facility;

b. Any change that moves toward implementation of a waste management strategy that is higher in the waste management hierarchy; or

c. Any non-substantive administrative change such as a change in name.

Also, 9 VAC 20-130-175 states that "major amendments shall require the same public participation as detailed in 9 VAC 20-130-130 B before being submitted, by mail or electronic mail, to the department for approval prior to implementation."

2. Specifically, the SWMP submitted includes text regarding the proposed "Green Ridge Recycling and Disposal Facility, LLC." Per 9 VAC 20-130-175, the addition of a solid waste disposal facility is classified as a major amendment to the SWMP. As noted above, major amendments to the plan require public participation as per 9VAC 20-130-130.B. Please provide the following:
   a. A copy of the public notice for the hearing on the SWMP major amendment
   b. A record of the public hearing
   c. A copy of all written comments
   d. The submitter's response to all comments received

3. Specifically, per your July 18, 2019 email, the plan also includes minor amendments. Per 9 VAC 20-130-175.C, minor amendments shall be submitted to DEQ for notation. Please identify which sections of the plan have been updated as part of the minor amendment.

4. Upon review of the information provided as part of the last five-year update from the planning unit, DEQ had requested a copy of the updated SWMP on May 1, 2019. Please provide a copy of the updated plan reflecting the elements that were maintained and updated as certified in the five-year update.

5. Please note that per 9 VAC 20-130-173.A, all solid waste planning units are required to maintain current plans containing a 20-year planning window.

When formulating your response to the above, please reference the appropriate numbered paragraph. Per 9 VAC 20-130-175, please provide your response to the above comments within 90 days of receipt of this letter and provide the revised SWMP reflecting the submitted response.

Thank you for your assistance in this matter. If you have any questions, please contact Prina Chudasama at (804)698-4159 or via email at prina.chudasama@deq.virginia.gov.

Sincerely,

Prina Chudasama

Prina Chudasama
Environmental Specialist
Office of Financial Responsibility & Waste Programs
Division of Land Protection and Revitalization

Enclosures
cc: Sanjay Thirunagari, DEQ, CO
Leslie Beckwith, DEQ, CO
Jason Miller, DEQ, PRO

Appendix C-1

Allied Waste – Republic Permit 606 Termination Letter

REPUBLIC SERVICES
2001 Charles City Road, Henrico, VA 23231
o 804-482-8340 f 804-226-6199 www.republicservices.com

November 19, 2018

Via email and U.S. Mail

Mr. James Golden
Director, Piedmont Regional Office
Commonwealth of Virginia
Department of Environmental Quality
4949-A Cox Rd.
Glen Allen, Virginia 23060

Re: Cumberland Landfill: Surrender of Solid Waste Permit No. 606

Dear Mr. Golden:

The Virginia Department of Environmental Quality ("DEQ") issued Cumberland County Development, Company, LLC ("Company") a Solid Waste Management Permit on August 17, 2009, to develop a municipal solid waste landfill in Cumberland County, Virginia ("Proposed Facility"). No solid waste management facility was ever constructed or operated under the Permit. Although we had previously constructed an entrance at the location of the Proposed Facility and installed several groundwater monitoring wells, we did not construct any of the components of the disposal area or related infrastructure, and hence, have not placed any waste at the Proposed Facility.

The Company has decided to abandon irrevocably any further development of the Proposed Facility, as well as the permits authorizing it to do so. We therefore surrender Solid Waste Permit No. 606, and request that DEQ release the Company from all related obligations. As discussed above, because no waste has been disposed, there is no requirement to initiate closure or post closure care of a solid waste management facility.

Please provide me with confirmation that the DEQ has revoked or rescinded Solid Waste Permit No. 606 pursuant to our surrender of it. Upon receipt, the Company will notify the Piedmont Planning District Commission to amend their Prince Edward County/Cumberland County Solid Waste Management Plan to remove the previously planned facility.

Please contact me by telephone at (804) 482-8340 or by electronic mail at ttorrez@republicservices.com if you have any questions or comments.

Respectfully,
Cumberland County Development Company, LLC.

Timothy P. Torrez, P.E.
Environmental Manager

cc: Wade Bailey – General Manager
Lee Byrd, Esq. – Counsel to Cumberland County Board of Supervisors

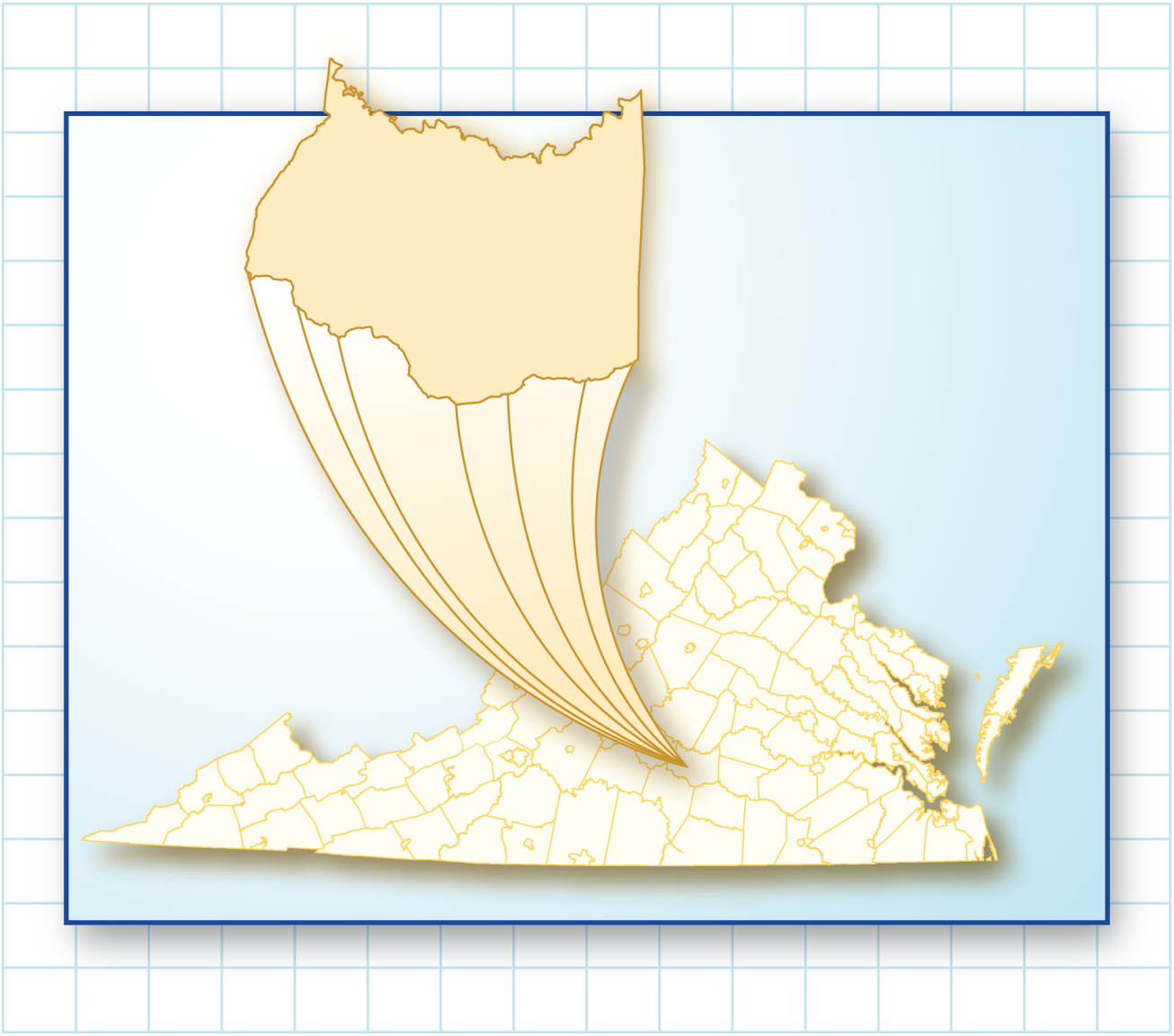
Appendix D

Excerpts -VEC – Community Profiles

Virginia

COMMUNITY PROFILE

Prince Edward County



Virginia Employment Commission

703 East Main Street • Richmond, Virginia 23219

Tel: (804) 786-8223 • www.VirginiaLMI.com

Last updated: 2/22/2020 1:26:04 AM

Table of Contents

I. Introduction 4

II. Demographic Profile 5

Population by Age Cohort 6

Population by Race/Ethnicity 7

Population by Gender 7

Population Change 8

Population Projections by Age and Gender 9

Population Projections by Race/Ethnicity 9

English Language Skills 10

Commuting Patterns 10

In-Commuting 11

Out-Commuting 11

III. Economic Profile 12

Unemployment Rates 13

Characteristics of the Insured Unemployed 15

Unemployment Insurance Payments 18

Employers by Size of Establishment 20

Employment by Size of Establishment 20

50 Largest Employers 21

Employment by Industry 22

New Startup Firms 23

New Hires by Industry 24

Turnover by Industry 25
Average Weekly Wage by Industry 26
Age of Workers by Industry 27
Industry Employment and Projections 28
Occupation Employment and Projections 30
Growth Occupations 32
Declining Occupations 33
Consumer Price Index (CPI) 34
Local Option Sales Tax 35

IV. Education Profile 37

Educational Attainment 38
Educational Attainment by Age 39
Educational Attainment by Gender 40
Educational Attainment by Race/Ethnicity 41
Graduate Data Trends 42
Training Providers 43

II. Demographic Profile

Overview

This Demographic Profile provides an in-depth analysis of the population in Prince Edward County. Most of the data is produced by the U.S. Census Bureau, and includes demographic characteristics such as age, race/ethnicity, and gender.



Related Terms and Definitions

Ability to speak English
For people who speak a language other than English at home, the response represents the person's own perception of his or her ability to speak English. Because census questionnaires are usually completed by one household member, the responses may represent the perception of another household member.

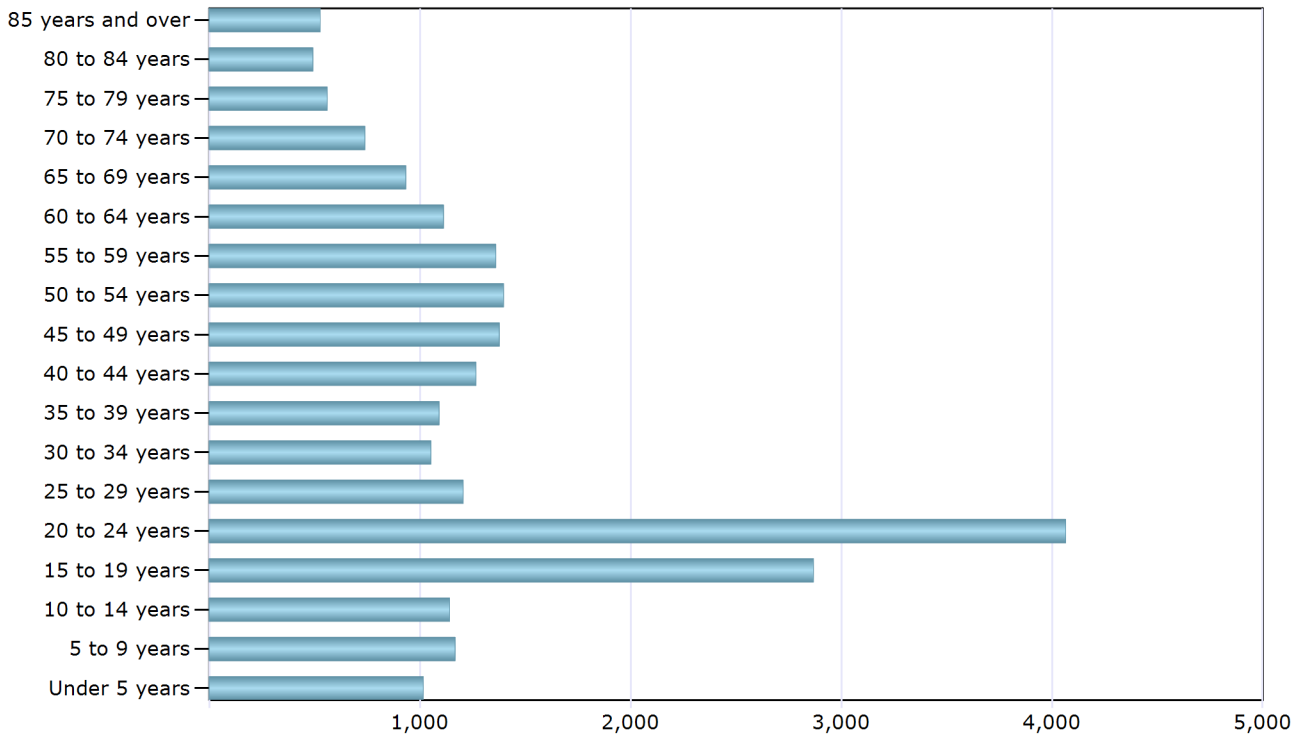
Age
The age classification is based on the age of the person in complete years as of April 1, 2010. The age of the person usually was derived from their date of birth information. Their reported age was used only when date of birth information was unavailable.

Gender
The data on gender were derived from answers to a question that was asked of all people. Individuals were asked to mark either "male" or "female" to indicate their gender. For most cases in which gender was not reported, it was determined by the appropriate entry from the person's given (i.e., first) name and household relationship. Otherwise, gender was imputed according to the relationship to the householder and the age of the person.

Race
The concept of race as used by the Census Bureau reflects self-identification by people according to the race or races with which they most closely identify. The categories are sociopolitical constructs and should not be interpreted as being scientific or anthropological in nature. Furthermore, the race categories include both racial and national-origin groups.

Please note: In the past, our population by race/ethnicity data has always excluded the Hispanic ethnicity from each race category. Starting in January 2013, each race category now includes all ethnicities.

Population by Age



	Prince Edward County	Virginia	United States
Under 5 years	1,016	509,625	20,201,362
5 to 9 years	1,167	511,849	20,348,657
10 to 14 years	1,141	511,246	20,677,194
15 to 19 years	2,868	550,965	22,040,343
20 to 24 years	4,065	572,091	21,585,999
25 to 29 years	1,205	564,342	21,101,849
30 to 34 years	1,052	526,077	19,962,099
35 to 39 years	1,091	540,063	20,179,642
40 to 44 years	1,266	568,865	20,890,964
45 to 49 years	1,377	621,155	22,708,591
50 to 54 years	1,397	592,845	22,298,125
55 to 59 years	1,360	512,595	19,664,805
60 to 64 years	1,112	442,369	16,817,924
65 to 69 years	933	320,302	12,435,263
70 to 74 years	739	229,502	9,278,166
75 to 79 years	560	173,929	7,317,795
80 to 84 years	492	130,801	5,743,327
85 years and over	527	122,403	5,493,433
	23,368	**8,001,024**	**308,745,538**

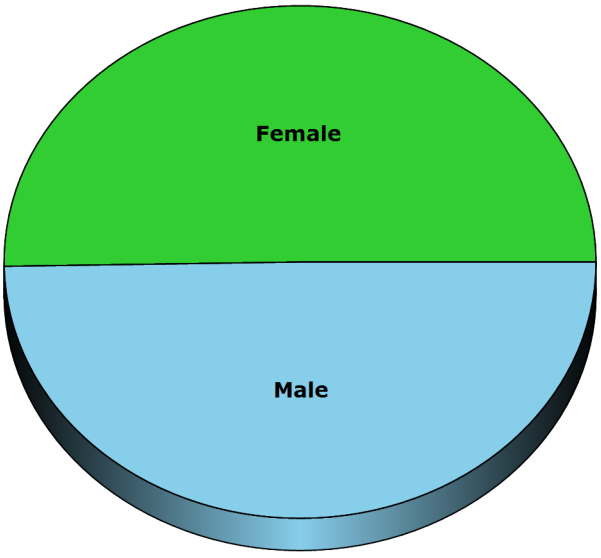
Source: 2010 Census.

Population by Race/Ethnicity

	Prince Edward County	Virginia	United States
Total			
Total Population	23,368	8,001,024	308,745,538
Race			
White	14,796	5,486,852	223,553,265
Black or African American	7,756	1,551,399	38,929,319
American Indian or Alaska Native	69	29,225	2,932,248
Asian	205	439,890	14,674,252
Native Hawaiian/Pacific Islander	16	5,980	540,013
Other	161	254,278	19,107,368
Multiple Races	365	233,400	9,009,073
Ethnicity			
Not Hispanic or Latino (of any race)	22,843	7,369,199	258,267,944
Hispanic or Latino (of any race)	525	631,825	50,477,594

Source: 2010 Census.

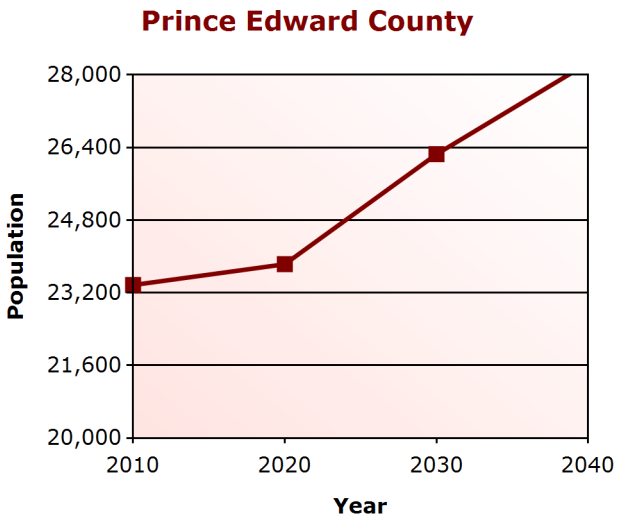
Population by Gender

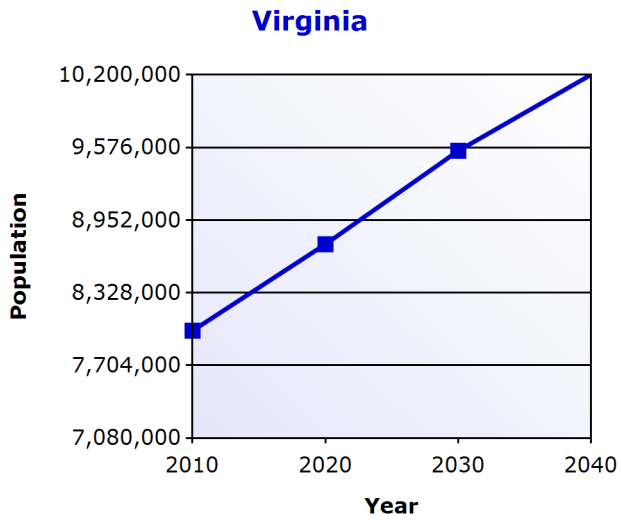


	Prince Edward County	Virginia	United States
Male	11,621	3,925,983	151,781,326
Female	11,747	4,075,041	156,964,212
	23,368	**8,001,024**	**308,745,538**

Source: 2010 Census.

Population Change





	Prince Edward County	(% change)	Number Change	Virginia	(% change)
2000	19,720			7,079,030	
2010	23,368	18.50 %		8,001,024	13.02 %
2020	23,827	1.96 %		8,744,273	9.29 %
2030	26,250	10.17 %		9,546,958	9.18 %
2040	28,262	7.66 %		10,201,530	6.86 %

Source: U.S. Census Bureau, Weldon Cooper Center for Public Service.

Did you know...

you can log on to our website today and see population counts from each Decennial Census all the way back to 1900? Looking for annual population estimates? We have those too, all the way back to the 1970s!

For this data and more, visit us on the web at:

www.VirginiaLMI.com

United States™ Census 2010

Employers by Size of Establishment

	Prince Edward County	Virginia
0 to 4 employees	419	171,555
5 to 9 employees	136	38,733
10 to 19 employees	69	28,794
20 to 49 employees	63	21,799
50 to 99 employees	13	7,512
100 to 249 employees	8	3,965
250 to 499 employees	***	1,118
500 to 999 employees	***	384
1000 and over employees	0	251
	714	**274,111**

Employment by Size of Establishment

	Prince Edward County	Virginia
0 to 4 employees	605	226,331
5 to 9 employees	890	257,773
10 to 19 employees	926	392,180
20 to 49 employees	1,946	660,559
50 to 99 employees	868	516,376
100 to 249 employees	1,108	589,894
250 to 499 employees	***	383,111
500 to 999 employees	***	261,486
1000 and over employees	0	645,929
	9,217	**3,933,639**

Note: Asterisks (***) indicate non-disclosable data.
'Zero; no employment' typically represents new startup firms or sole-proprietorships.

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

50 Largest Employers

1. Longwood University
2. Centra Health
3. Prince Edward County Public Schools
4. Hampden-Sydney College
5. Wal Mart
6. Holly Manor Nursing Home
7. Immigration Centers of America
8. Aramark Campus LLC
9. Crossroads Services Board
10. County of Prince Edward
11. Piedmont Regional Jail
12. Farmville Health & Rehab Center, LL
13. Lowes' Home Centers, Inc.
14. J.R. Tharpe Truck Company
15. Town of Farmville Department of Public Works
16. Helton House Inc
17. Green Front Furniture Store
18. Fuqua School
19. P A B Inc
20. Food Lion
21. McDonald's
22. TJS Safety Training
23. Charley's Waterfront Cafe
24. The Fishin' Pig
25. YMCA
26. Family Preservation Services
27. Virginia Department of Conservation
28. Home Recovery
29. Southside Training Employment Program
30. Pay Admin LLC
31. ADP Total Source
32. Holman Masonry
33. Town of Farmville Department of Police
34. Haley
35. Ruby Tuesday
36. Tri Boro Shelving and Partitions
37. Creative Electrical Contractor
38. Farmville Wings LLC
39. Hotel Weyanoke FB LLC
40. Applebees
41. Postal Service
42. Prince Edward County Health Department
43. Encore Rehabilitation Services
44. Macado's Inc.
45. Virginia Family Svcs Inc
46. Tri Boro Rack & Storage
47. Adp Totalsource Co Xxiii Inc
48. Badeauxs Cajun Kitchen
49. Paladin Medical Transport Inc
50. Taco Bell

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

Did you know...

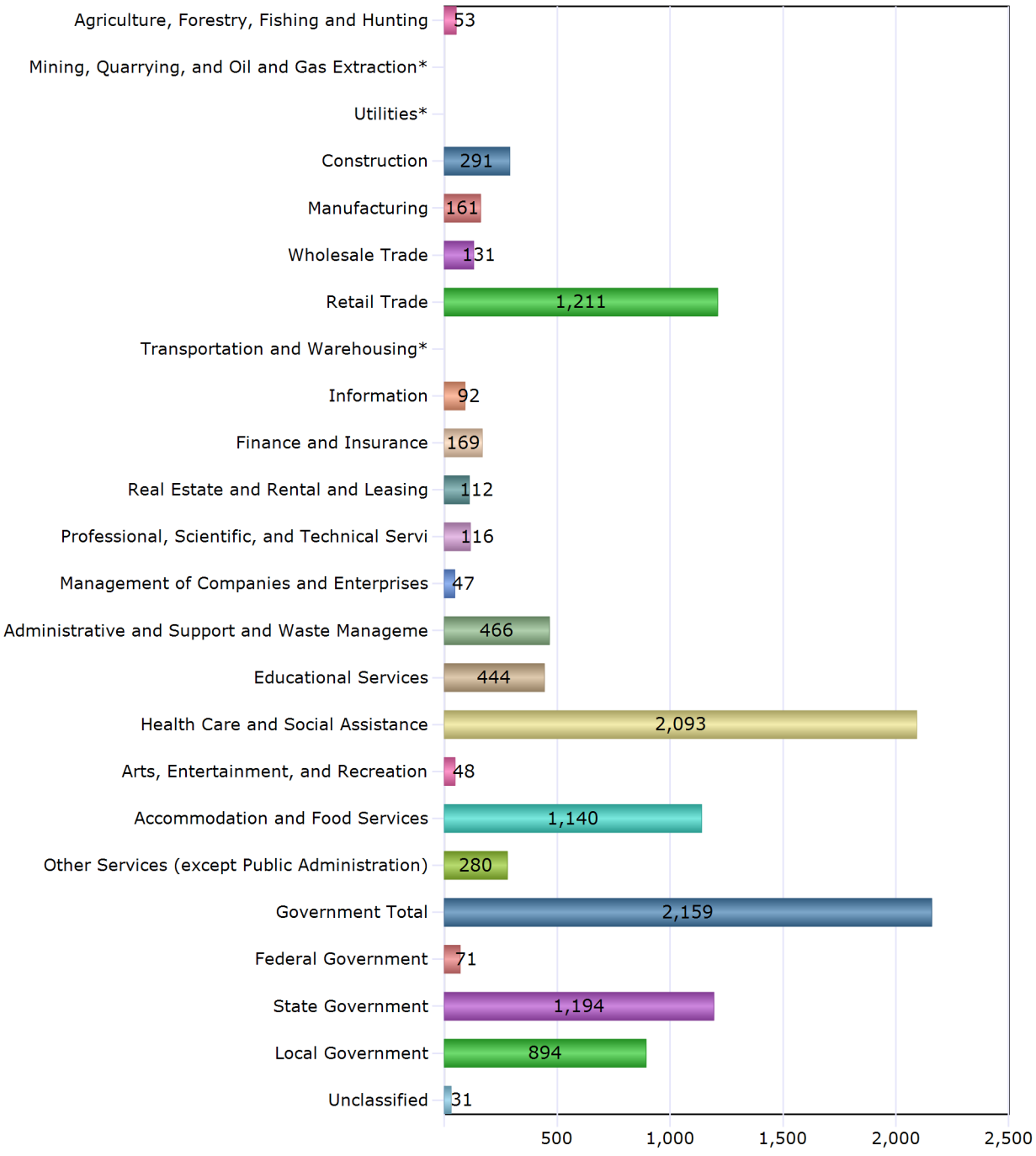
you can search over 300,000 employer listings on our website provided by Infogroup? This easy-to-use feature lets you search for employers by keyword, industry, sales volume, size range, and more!



For this data and more, visit us on the web at:

www.VirginiaLMI.com

Employment by Industry



Total: 9,218

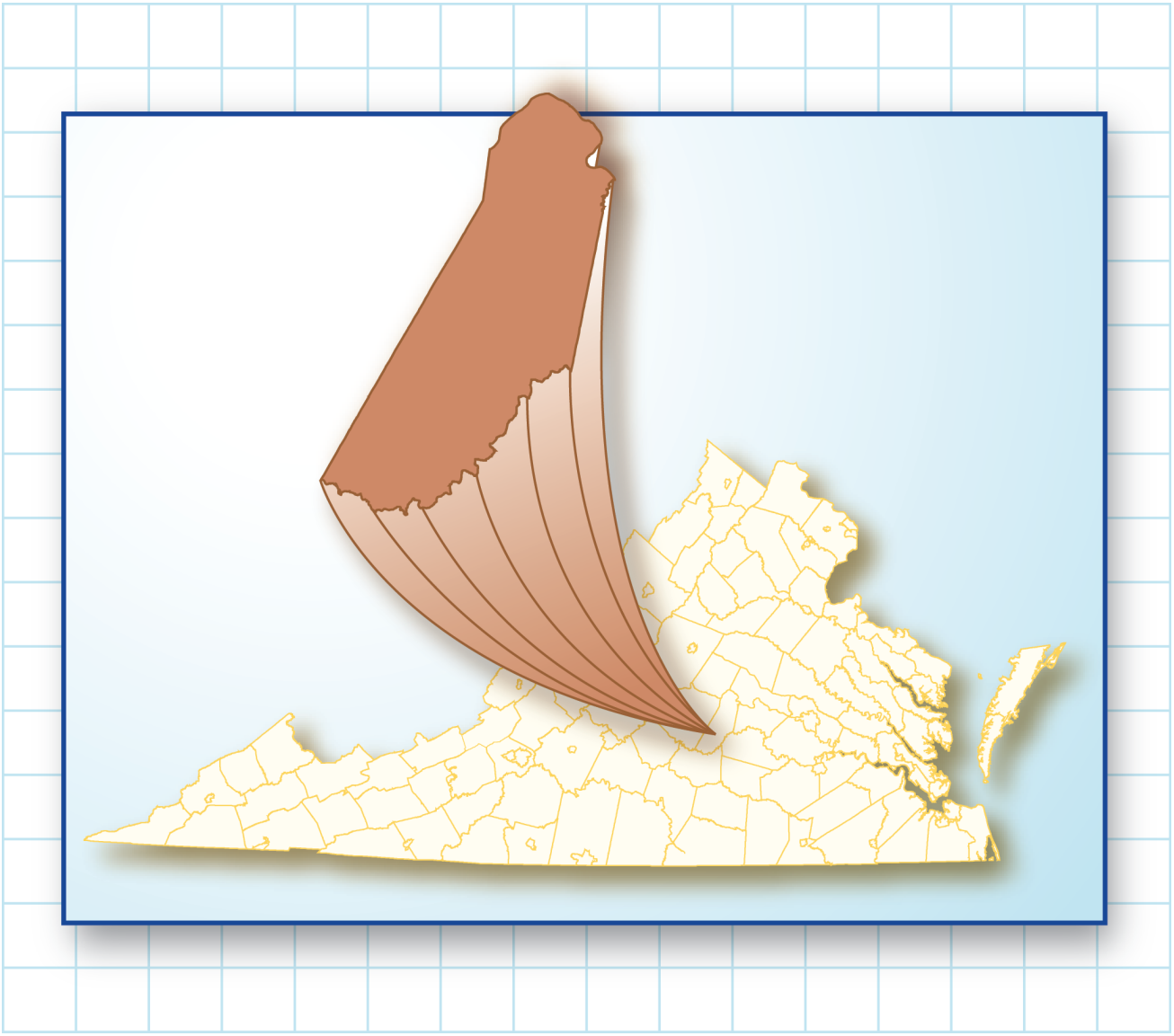
Note: Asterisk (*) indicates non-disclosable data.

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

Virginia

COMMUNITY PROFILE

Cumberland County



Virginia Employment Commission

703 East Main Street • Richmond, Virginia 23219

Tel: (804) 786-8223 • www.VirginiaLMI.com

Last updated: 2/22/2020 1:09:53 AM

Table of Contents

I. Introduction 4

II. Demographic Profile 5

Population by Age Cohort 6

Population by Race/Ethnicity 7

Population by Gender 7

Population Change 8

Population Projections by Age and Gender 9

Population Projections by Race/Ethnicity 9

English Language Skills 10

Commuting Patterns 10

In-Commuting 11

Out-Commuting 11

III. Economic Profile 12

Unemployment Rates 13

Characteristics of the Insured Unemployed 15

Unemployment Insurance Payments 18

Employers by Size of Establishment 20

Employment by Size of Establishment 20

50 Largest Employers 21

Employment by Industry 22

New Startup Firms 23

New Hires by Industry 24

Turnover by Industry 25
Average Weekly Wage by Industry 26
Age of Workers by Industry 27
Industry Employment and Projections 28
Occupation Employment and Projections 30
Growth Occupations 32
Declining Occupations 33
Consumer Price Index (CPI) 34
Local Option Sales Tax 35

IV. Education Profile 37

Educational Attainment 38
Educational Attainment by Age 39
Educational Attainment by Gender 40
Educational Attainment by Race/Ethnicity 41
Graduate Data Trends 42
Training Providers 43

II. Demographic Profile

Overview

This Demographic Profile provides an in-depth analysis of the population in Cumberland County. Most of the data is produced by the U.S. Census Bureau, and includes demographic characteristics such as age, race/ethnicity, and gender.



Related Terms and Definitions

Ability to speak English
For people who speak a language other than English at home, the response represents the person's own perception of his or her ability to speak English. Because census questionnaires are usually completed by one household member, the responses may represent the perception of another household member.

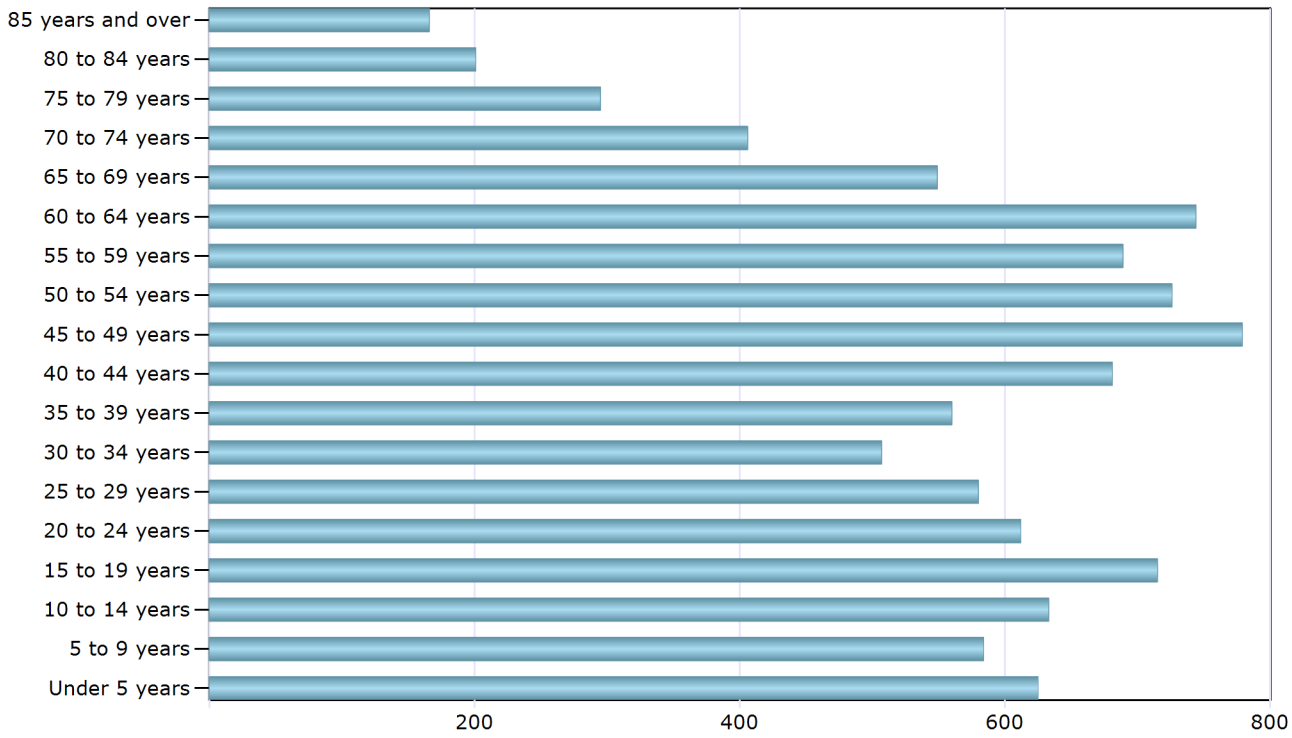
Age
The age classification is based on the age of the person in complete years as of April 1, 2010. The age of the person usually was derived from their date of birth information. Their reported age was used only when date of birth information was unavailable.

Gender
The data on gender were derived from answers to a question that was asked of all people. Individuals were asked to mark either "male" or "female" to indicate their gender. For most cases in which gender was not reported, it was determined by the appropriate entry from the person's given (i.e., first) name and household relationship. Otherwise, gender was imputed according to the relationship to the householder and the age of the person.

Race
The concept of race as used by the Census Bureau reflects self-identification by people according to the race or races with which they most closely identify. The categories are sociopolitical constructs and should not be interpreted as being scientific or anthropological in nature. Furthermore, the race categories include both racial and national-origin groups.

Please note: In the past, our population by race/ethnicity data has always excluded the Hispanic ethnicity from each race category. Starting in January 2013, each race category now includes all ethnicities.

Population by Age



	Cumberland County	Virginia	United States
Under 5 years	625	509,625	20,201,362
5 to 9 years	584	511,849	20,348,657
10 to 14 years	633	511,246	20,677,194
15 to 19 years	715	550,965	22,040,343
20 to 24 years	612	572,091	21,585,999
25 to 29 years	580	564,342	21,101,849
30 to 34 years	507	526,077	19,962,099
35 to 39 years	560	540,063	20,179,642
40 to 44 years	681	568,865	20,890,964
45 to 49 years	779	621,155	22,708,591
50 to 54 years	726	592,845	22,298,125
55 to 59 years	689	512,595	19,664,805
60 to 64 years	744	442,369	16,817,924
65 to 69 years	549	320,302	12,435,263
70 to 74 years	406	229,502	9,278,166
75 to 79 years	295	173,929	7,317,795
80 to 84 years	201	130,801	5,743,327
85 years and over	166	122,403	5,493,433
	10,052	**8,001,024**	**308,745,538**

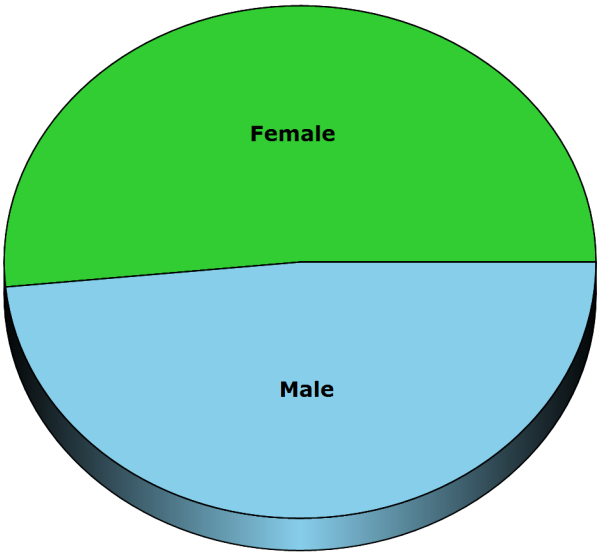
Source: 2010 Census.

Population by Race/Ethnicity

	Cumberland County	Virginia	United States
Total			
Total Population	10,052	8,001,024	308,745,538
Race			
White	6,427	5,486,852	223,553,265
Black or African American	3,278	1,551,399	38,929,319
American Indian or Alaska Native	40	29,225	2,932,248
Asian	35	439,890	14,674,252
Native Hawaiian/Pacific Islander		5,980	540,013
Other	78	254,278	19,107,368
Multiple Races	194	233,400	9,009,073
Ethnicity			
Not Hispanic or Latino (of any race)	9,871	7,369,199	258,267,944
Hispanic or Latino (of any race)	181	631,825	50,477,594

Source: 2010 Census.

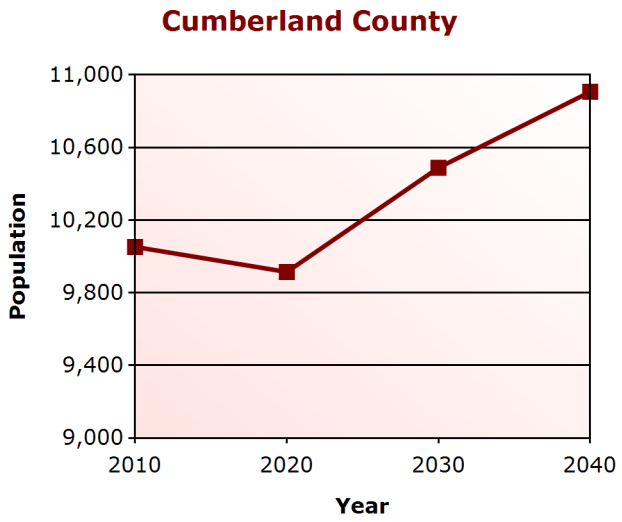
Population by Gender

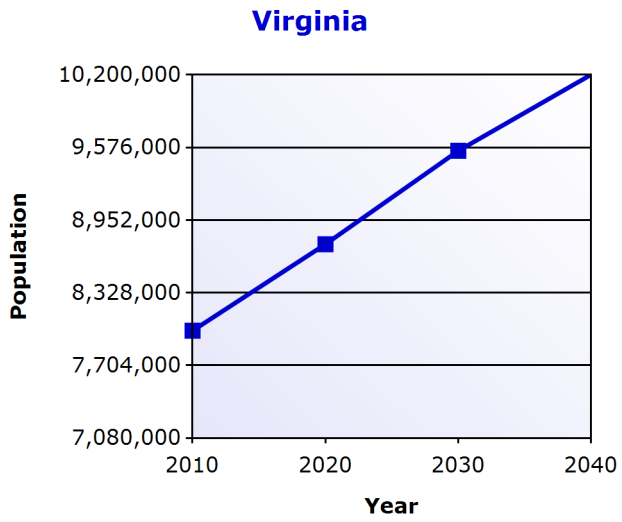


	Cumberland County	Virginia	United States
Male	4,870	3,925,983	151,781,326
Female	5,182	4,075,041	156,964,212
	10,052	**8,001,024**	**308,745,538**

Source: 2010 Census.

Population Change





	Cumberland County	(% change)	Number Change	Virginia	(% change)
2000	9,017			7,079,030	
2010	10,052	11.48 %		8,001,024	13.02 %
2020	9,914	-1.37 %		8,744,273	9.29 %
2030	10,488	5.79 %		9,546,958	9.18 %
2040	10,906	3.99 %		10,201,530	6.86 %

Source: U.S. Census Bureau, Weldon Cooper Center for Public Service.

Did you know...

you can log on to our website today and see population counts from each Decennial Census all the way back to 1900? Looking for annual population estimates? We have those too, all the way back to the 1970s!

For this data and more, visit us on the web at:

www.VirginiaLMI.com

United States™ Census 2010

Employers by Size of Establishment

	Cumberland County	Virginia
0 to 4 employees	174	171,555
5 to 9 employees	23	38,733
10 to 19 employees	21	28,794
20 to 49 employees	6	21,799
50 to 99 employees	***	7,512
100 to 249 employees	0	3,965
250 to 499 employees	***	1,118
500 to 999 employees	0	384
1000 and over employees	0	251
	227	**274,111**

Employment by Size of Establishment

	Cumberland County	Virginia
0 to 4 employees	216	226,331
5 to 9 employees	151	257,773
10 to 19 employees	299	392,180
20 to 49 employees	178	660,559
50 to 99 employees	***	516,376
100 to 249 employees	0	589,894
250 to 499 employees	***	383,111
500 to 999 employees	0	261,486
1000 and over employees	0	645,929
	1,256	**3,933,639**

Note: Asterisks (***) indicate non-disclosable data.
'Zero; no employment' typically represents new startup firms or sole-proprietorships.

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

50 Largest Employers

1. Cumberland County School Board
2. County of Cumberland
3. Gemini
4. Johnny R. Asal Lumber Company
5. Leafguard Of Greater Richmond
6. Covance Research Products
7. C.F. Marion Trucking
8. Virginia Department of Conservation
9. Bright Futures of Virginia LLC
10. Cumberland Restaurant LLC
11. 4 Wheel Drive Conversions
12. Appomattox River Company
13. Cumberland Building Supplies
14. Stop In Food Store
15. Crossroads Services Board
16. El Kora Firewood
17. Cumberland Farm and Auto Parts
18. Elizabeth Hazlegrove Dvm
19. Marion Brothers Logging
20. T&k Homes LLC
21. Harold W Collins
22. VDOT
23. Country Corner
24. Frenches Sunnyside Farms, LLC
25. Forkland Farms
26. Pine View Bulk Foods And Deli LLC
27. Postal Service
28. Bear Creek Academy, Inc.
29. Brock Construction
30. Buggy Top, LLC
31. Citizen's & Farmer's Bank
32. Gregg Management Company
33. Baileys Auto Service Inc
34. Dolgencorp LLC
35. Happy House Cleaning LLC
36. P.L. Duncan Trucking
37. Virginia Department of Forestry
38. Marion's Bi Rite
39. Price Supply Company
40. Southworth Auto & Power Equipment
41. Virginia State Department of Health
42. WFLO, Colonial Broadcasting Company
43. Farmville Virginia Tax Preparer
44. Martin and Dabney, Inc.
45. Centra Health
46. Central Supply Inc.
47. Diamond Truss
48. Ezco Mart
49. Poulston TV and Appliance
50. Taylor Motor Co

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

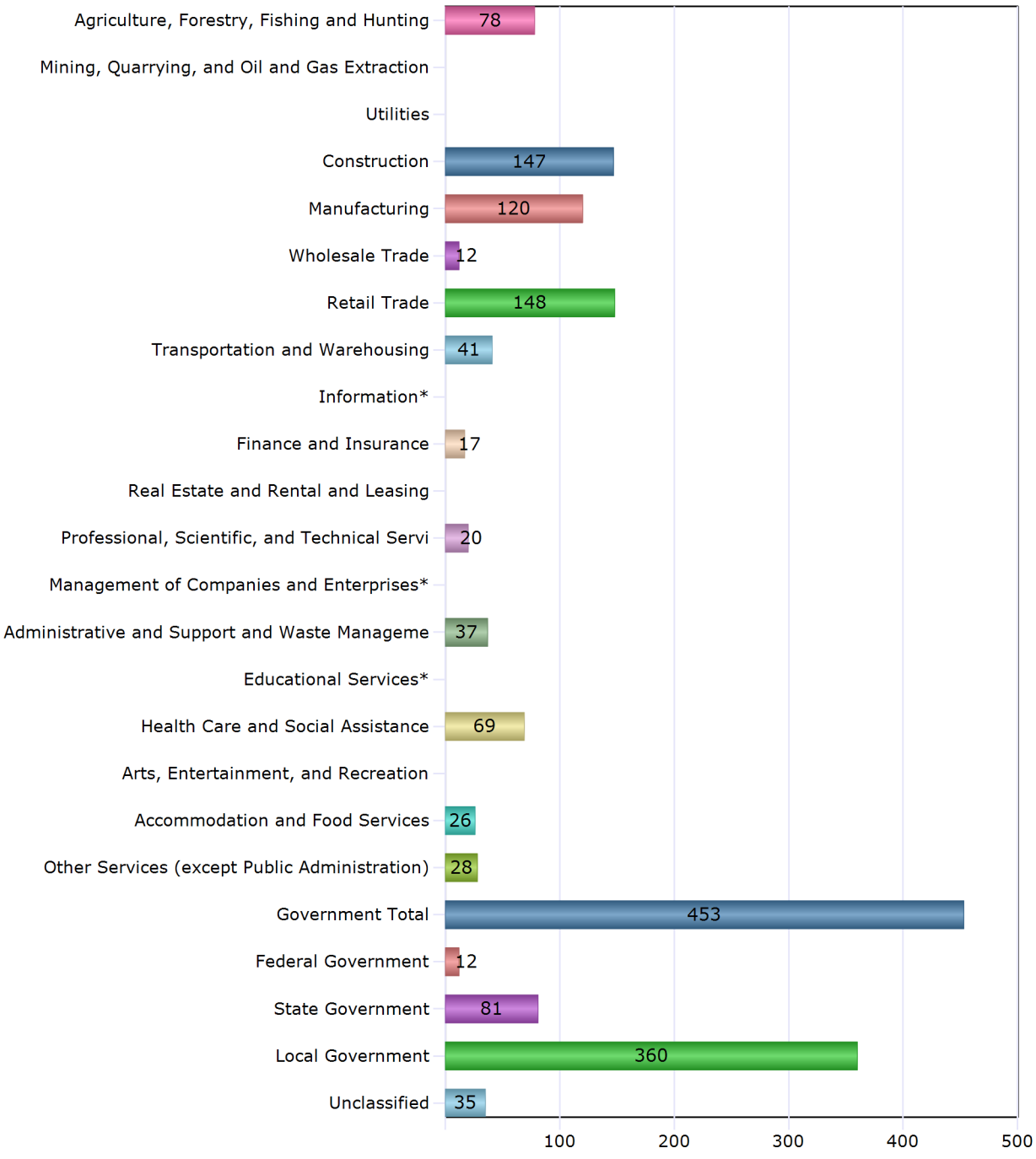
Did you know...

you can search over 300,000 employer listings on our website provided by Infogroup? This easy-to-use feature lets you search for employers by keyword, industry, sales volume, size range, and more!

For this data and more, visit us on the web at:

www.VirginiaLMI.com

Employment by Industry



Total: 1,256

Note: Asterisk (*) indicates non-disclosable data.

Source: Virginia Employment Commission, Economic Information & Analytics,
Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2019.

Appendix E

Population Projections

APPENDIX E - TABLE E-1
Prince Edward County - Cumberland County Region SWPU
POPULATION PROJECTIONS
2010 THROUGH 2040

**Population data for 2010 is census data *2019 Weldon Cooper Estimate

*Projections for 2020, 2030 and 2040 taken from Weldon Cooper website.

https://demographics.coopercenter.org/

YEAR	Prince Edward	Cumberland	REGIONAL TOTAL	ESTIMATED ANNUAL REGIONAL CHANGE
2010**	23,368	10,052	33,420	
2011	23,327	10,032	33,359	-0.18%
2012	23,286	10,013	33,299	-0.18%
2013	23,245	9,993	33,238	-0.18%
2014	23,204	9,973	33,178	-0.18%
2015	23,164	9,954	33,117	-0.18%
2016	23,123	9,934	33,056	-0.18%
2017	23,082	9,914	32,996	-0.18%
2018	23,041	9,894	32,935	-0.18%
2019*	22,959	9,855	32,814	-0.37%
2020*	23,272	9,792	33,064	0.76%
2021	23,435	9,823	33,259	0.59%
2022	23,599	9,855	33,453	0.58%
2023	23,762	9,886	33,648	0.58%
2024	23,925	9,917	33,842	0.58%
2025	24,089	9,949	34,037	0.57%
2026	24,252	9,980	34,232	0.57%
2027	24,415	10,011	34,426	0.57%
2028	24,578	10,042	34,621	0.56%
2029	24,742	10,074	34,815	0.56%
2030*	24,905	10,105	35,010	0.56%
2031	25,034	10,123	35,157	0.42%
2032	25,162	10,141	35,303	0.42%
2033	25,291	10,159	35,450	0.41%
2034	25,419	10,177	35,596	0.41%
2035	25,548	10,196	35,743	0.41%
2036	25,676	10,214	35,890	0.41%
2037	25,805	10,232	36,036	0.41%
2038	25,933	10,250	36,183	0.41%
2039	26,062	10,268	36,329	0.40%
2040*	26,190	10,286	36,476	0.40%
2020-2040				10.32%

Appendix F

Recycling Information

2012 Recycling Rate Reporting

PRMs	As Submitted	Changes	SWPU Prince Edward/Cumberla		4/30/13
			Submitted RR:	19.0%	
Paper	1142.27	1557.81	**DEQ Adjusted RR:**	**18.7%**	
Metal	792.16	794.79			
Plastic	121.85	121.85			
Glass	18.43	18.43	**Calculations:**	SWPU	DEQ
Commingled	0	0	PRMs/(PRMs + M) x 100	15.6%	15.6%
Yard Waste	1249.28	1249.28			
Waste Wood	11	11			
Textiles	29.6	29.6			
Tires	377.91	377.91	(PRMs+C)/(PRMs+C+M) x 100	18.7%	18.7%
Used Oil	182.02	182.02			
Used Oil Filters	2.2	2.2			
Used Antifreeze	9.96	9.96			
Batteries	298.5	298.5	M = MSW		
Electronics	534.56	534.56	C = Credits		
Inoperative Motor Vehicles	0	0			
Other cardboard	415.54	0			
Other aluminum	2.63	0			
Total:	5187.91	5187.91			
MSW:					
Household	16882.96	16882.96			
Commercial	8803.61	8803.61			
Institutional	2276.44	2276.44			
Other	0	0	Base Recycling Rate	15.6%	15.6%
Total:	27963.01	27963.01			
Credits:					
Recycling Residue	0	0			
			Adjusted RR # 1	18.7%	18.7%
Solid Waste Reused	0	0			
			Adjusted RR # 2	18.7%	18.7%
Non MSW Recycled	1250.49	1250.49			
C&D			(Max of 5%) Credits:	18.7%	18.7%
Credits Total Tons	1250.49	1250.49			
			Final RR:	18.7%	18.7%
Source Reduction	0.00%	0.00%			

Notes: moved PRMs, Other to PRMS, Paper and Metal

Commonwealth of Virginia
Locality Recycling Rate Report
Calendar Year 2016

DEQ Form 50-30 (Revised December 2016)

Email completed form to: virginia.butler@deq.virginia.gov

Solid Waste Planning Unit Information (Enter in Rows 4 - 14.)

Solid Waste Planning Unit	Prince Edward - Cumberland
Preparer's Name	Cheryl L. Stimpson
Preparer's Title	Office Associate/HR
Address Line 1	PO Box 382
Address Line 2	
Address Line 3	Farmville, VA 23901
Phone Number	(434)392-8837
Email address	cstimpson@co.prince-edward.va.us
Date	4/28/2017

Total Population for SWPU	41,631	**Population Density for SWPU**	50
Mandated Recycling Rate (15% or 25% will auto calculate)	15%	**Reporting Frequency**	Every 4 years

Enter tons (whole numbers only) in the yellow highlighted boxes for PRMs and MSW Disposed.
Totals will auto calculate.

Principal Recyclable Materials (PRM)

PRM Material	Tons recycled
Paper	1,346
Metal	170
Plastic	96
Glass	
Commingled	2,283
Yard Waste	227
Waste Wood	276
Textiles	40
Waste Tires	631
Used Oil	182
Used Oil Filters	4
Used Antifreeze	20
Batteries	188
Electronics	13
Inoperative Motor Vehicles	
Other (Specify)	

MSW Disposed	
Household Waste	19,545
Commercial Waste	3,020
Institutional Waste	
Other	2,793
Total MSW	**25,358**

Other (Specify)	
Total PRM in Tons	**5,476**

Enter facility information and material in columns A and B. Enter tons (whole numbers only) in the yellow highlighted boxes. Totals will auto calculate.

Credits Recycling Residue

Facility/Operation	Material	Tons
Reused as a soil supplement	Ash	84
Reused as a soil supplement	Yard Waste	58
Total		142

Credits Solid Waste Reused

Reuse Method	Material	Tons
Recycled	Commercial	1,489
Recycled	Construction Debris	2,283
Total		3,772

Credits Non-MSW recycled

Recycling Method	Material	Tons
		0
Total		0

CREDITS TOTAL 3,914

Credit for Source Reduction Program (SRP)
SRP does not apply enter "0"
SRP does apply enter "2"
2%

Recycling rates auto calculate.

Base Recycling Rate	**17.8%**	Base Rate
Adjusted Recycling Rate	**27.0%**	Rate with credits
Adjusted Recycling Rate + SRP	**29.0%**	Credits + SRP
Credit Max Allowed Base +5	**22.8%**	
Final Recycle Rate	**22.8%**	Final Recycle Rate

Sources for PRM Data *Example: Permit #112, County Landfill*	Permit # SWP584, County Landfill

Other Sources for collected data *Example: Walmart/Target*	Recycling reports from J & J, Emmanuel Tire, STEPS, Reports from Cumberland County, Town of Farmville and CRC
Comments:	
Additional Contacts:	

Appendix G

Prince Edward Landfill – Information

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
Blue Ridge Regional Office
www.deq.virginia.gov

Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Robert J. Weld
Regional Director

Lynchburg Office
7705 Timberlake Road
Lynchburg, Virginia 24502
(434) 582-5120
Fax (434) 582-5125
en

Roanoke Office
3019 Peters Creek Road
Roanoke, Virginia 24019
(540) 562-6700
Fax (540) 562-6725

SOLID WASTE FACILITY PERMIT
PERMIT NUMBER 584

Facility Name: Prince Edward County Sanitary Landfill

Facility Type: Sanitary Landfill

Latitude: N 37° 17' 05"

Site Location: Prince Edward County

Longitude: W 78° 29' 30"

Location Description: The disposal facility is located approximately five miles west of the Town of Farmville, Virginia off of State Route 648, and approximately 1.5 miles south of U.S. 460.

Background: Prince Edward County Sanitary Landfill is a publicly owned sanitary landfill that serves the residents of Prince Edward County, the Town of Farmville, and the nearby counties of Buckingham and Cumberland. The wastes accepted include those wastes identified in Module II, which is based on the information provided on DEQ Form SW PTB dated June 12, 2015.

The total acreage of the site is 99.43 acres, including previously filled areas. The facility is composed of three disposal areas: a closed disposal unit that operated on the site under SWP 420, another separate disposal unit to the south of the SWP 420-area that was closed prior to 1988, and the current disposal area. The current disposal area is composed of Cells A-F, which totals approximately 21 acres of permitted acreage. The total capacity of Cells A-F is approximately 1,805,954 cubic yards, with an estimated site life until 2025 and a daily disposal limit of 100 tons per day.

Permit Modification: This minor permit modification involves the facility being permitted for the disposal of coal combustion residuals (CCR)/fossil fuel combustion products (FFCP). All previous permit modifications are outlined in detail in Module I, Section I.G.

THIS IS TO CERTIFY THAT:

Prince Edward County
P.O. Box 382
Farmville, Virginia 23901

is hereby granted a permit to construct, operate, and maintain the facility as described in the attached Permit Modules I and II, Permit Modules III, X, XI, XII, XIII and XIV, and Permit Documents

incorporated by reference. These Permit Modules and Permit Documents are as referenced hereinafter and are incorporated into and become a part of this permit.

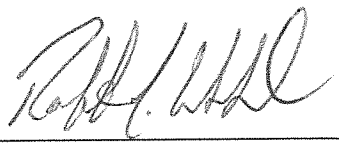
The herein described activity is to be established, modified, constructed, installed, operated, used, maintained, and closed in accordance with the terms and conditions of this permit and the plans, specifications, and reports submitted and cited in the permit. The facility shall comply with all regulations of the Virginia Waste Management Board. In accordance with Chapter 14, § 10.1 - 1408.1(D) of the Code of Virginia, prior to issuing this permit, any comments by the local government and general public have been investigated and evaluated and it has been determined that the facility poses no substantial present or potential danger to human health or the environment. The permit contains such conditions and requirements as are deemed necessary to comply with the requirements of the Virginia Code, the regulations of the Board, and to prevent substantial or present danger to human health or the environment.

Failure to comply with the terms and conditions of this permit shall constitute grounds for the revocation or suspension of this permit and for the initiation of necessary enforcement actions.

The permit is issued in accordance with the provisions of 10.1-1408.1.A, Chapter 14, Title 10.1, Code of Virginia (1950) as amended. Variances that have been approved for this facility are included in Permit Attachment I-1.

Permit No. 420 Issued: November 4, 1987
Permit No. 584 Issued: July 6, 1995
Modification No. 1: July 30, 1998 (minor)
Modification No. 2: October 5, 1999 (minor)
Modification No. 3: June 15, 2004 (major)
Modification No. 4: December 16, 2004 (minor)
Modification No. 5: March 7, 2006 (minor
Modification No. 6: June 27, 2006 (major)
Modification No. 7: August 15, 2007 (minor)
Modification No. 8: October 1, 2008 (minor)
Modification No. 9: February 14, 2013 (minor)
Modification No. 10: March 11, 2014 (major)

APPROVED:



Robert J. Weld
Regional Director

Date: October 28, 2015
Modification No. 11

PERMIT MODULES
REFERENCE LIST

PERMIT MODULE I – GENERAL PERMIT CONDITIONS
PERMIT ATTACHMENT I-1, PREVIOUS PERMIT APPROVAL LETTERS

PERMIT MODULE II – CONDITIONS OF OPERATION

PERMIT MODULE III – SANITARY LANDFILL DESIGN

PERMIT MODULES X – DETECTION MONITORING

PERMIT MODULES XI – ASSESSMENT MONITORING

PERMIT MODULES XII – CLOSURE

PERMIT MODULE XIII – POST CLOSURE CARE

PERMIT MODULE XIV – CORRECTIVE ACTION

PERMIT DOCUMENTS

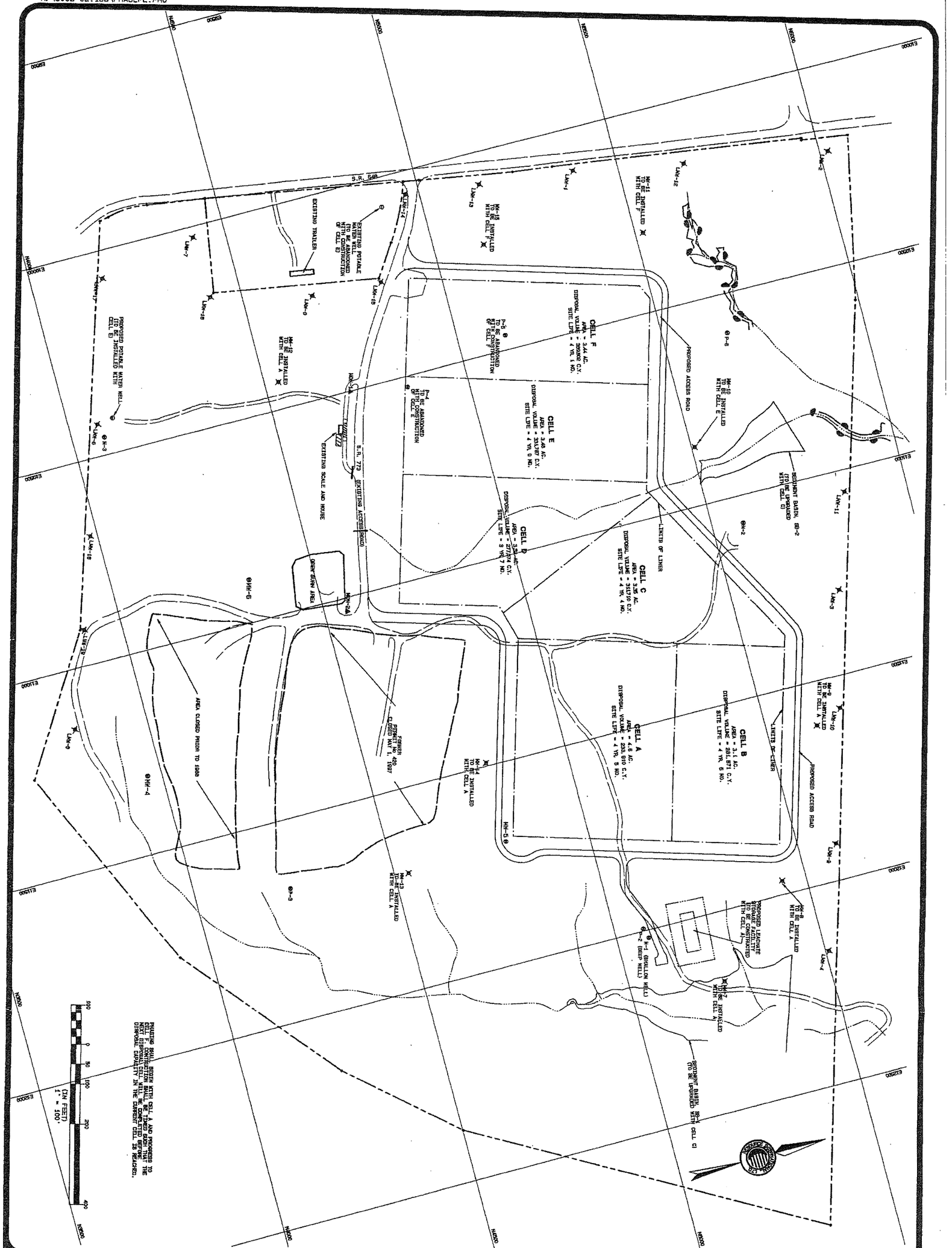
The documents listed below are hereby incorporated into this permit and the permittee is subject to all conditions contained therein. It is the responsibility of the permittee to properly maintain and update these documents. Any version with a revision date other than as listed below is not considered to be the official approved version and is subject to Department review and approval prior to being recognized as the "permitted" version

1. Part B Application:
   a. *Design Plans Prince Edward County Sanitary Landfill, Prince Edward, Virginia, Part B Application Drawings, Permit # 584,* prepared by Resource International, LTD., last revised August 27, 2013 (Attachment III).
   b. *Closure Plan,* Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., last revised January 16, 2004 (Attachment IV).
   c. *Post-Closure Plan*, Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., last revised January 16, 2004 (Attachment V).
   d. *Design Report*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., last revised August 25, 2015 (Attachment VI).
   e. *Construction Quality Assurance Plan and Technical Specifications*, Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., last revised May 1, 2013 (Attachment VII).
   f. *Leachate Management Plan*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., dated May 1, 2013 (Attachment VIII).
   g. *Landfill Gas Management Plan*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., last revised August 27, 2013 (Attachment IX).
   h. *Groundwater Monitoring and Sampling Analysis Plan*, Prince Edward County Landfill, prepared by Resource International, LTD., last revised December 20, 2012 (Attachment X).
   i. *Groundwater Corrective Action Plan,* prepared by Resource International, LTD., last revised March 23, 2012; and *Corrective Action Monitoring Plan,* prepared by Resource International, LTD., dated August 23, 2012 (Attachment XI).

The following documents have been submitted to satisfy permit or regulatory requirements; however, they are considered reference documents and are not incorporated into Permit No. 584. This list may not be all-inclusive.

1. *Part A Permit Application*, prepared by Resource International, LTD., approved September 14, 1992.
2. *Construction Quality Assurance Report, Cell D,* prepared by Resource International, LTD., dated September 2008.

H: \9009-02.16C\PHASEPE.PRO



PRINCE EDWARD COUNTY

SANITARY LANDFILL
PART B APPLICATION DRAWINGS

PHASING PLAN

PROJECT NO. 9009.4.16

SHEET 9 OF 41

DESIGNED: JCA \ JCB
DRAWN: SB \ DJF
CHECKED: JCA
DATE: 12-13-00
SCALE: AS NOTED

REVISIONS:
4-13-2003 DESIGN MODIFICATIONS PRIOR TO FULL TECHNICAL REVIEW.

COMMONWEALTH OF VIRGINIA
JOHN C. ANDERS
No. 20515
APR 11 2003
PROFESSIONAL ENGINEER

RESOURCE INTERNATIONAL, LTD.

ENGINEERS • SCIENTISTS • SURVEYORS • PLANNERS
P.O. BOX 6160 • 9560 KINGS CHARTER DRIVE • ASHLAND, VA 23005
(804) 550-9200 FAX (804) 550-9259

Appendix H

Solid Waste Budgets

FUND #-520 SOLID WASTE FUND - REVENUE

		2015/2016 ACTUAL	2016/2017 ACTUAL	2017/2018 ACTUAL	AMENDED BUDGET	2019/03 ACTUAL	PROJECTED ACTUAL	DEPT 2019/2020 REQUEST	ADMIN 2019/2020 RECOMMEND	AMENDED 2019/2020 BUDGET	2
000999	SOLID WASTE FUND - REVENUE										
015000	INTEREST										
015010	INTEREST-BANK INVESTMENTS										
015010-0001	Interest on Bank Deposits										
015010-0002	Interest on Investments										
016000	CHARGES & FEES										
016080	LANDFILL CHARGES - RECYCLING										
016080-0005	Landfill Charges				680,000-		709,847-	600,000-	600,000-		
016080-0006	Recycling Fees			4,316-	8,000-	14,975-	18,000-	10,000-	10,000-		
	--TOTAL DEPARTMENT--			4,316-	688,000-	14,975-	727,847-	610,000-	610,000-		
	CHARGES & FEES			4,316-	688,000-	14,975-	727,847-	610,000-	610,000-		
018990	MISCELLANEOUS										
018990-0099	Miscellaneous Revenue			200-							
	--TOTAL DEPARTMENT--			200-							
	MISCELLANEOUS			200-							
041050	FUND TRANSFERS IN										
041050-0100	From General Fund				797,428-			837,115-	837,115-		
041050-0520	From Solid Waste Fund										
	--TOTAL DEPARTMENT--				797,428-			837,115-	837,115-		
	FUND TRANSFERS IN				797,428-			837,115-	837,115-		
	-TOTAL FOR FUND			4,516-	1,485,428-	14,975-	727,847-	1,447,115-	1,447,115-		
	- FINAL TOTAL			4,516-	1,485,428-	14,975-	727,847-	1,447,115-	1,447,115-		

FUND #-520 SOLID WASTE FUND - EXPENDITU

		2015/2016 ACTUAL	2016/2017 ACTUAL	2017/2018 ACTUAL	AMENDED BUDGET	2019/03 ACTUAL	PROJECTED ACTUAL	DEPT 2019/2020 REQUEST	ADMIN 2019/2020 RECOMMEND	AMENDED 2019/2020 BUDGET	2
000999	SOLID WASTE FUND - EXPENDITU										
042300	COLLECTIONS										
042300-1100	Salaries & Wages			56,478	43,893	166,982	40,000	40,000	40,000		
042300-1300	Part-Time Salaries & Wages				214,127		222,930	249,600	249,600		
042300-2100	FICA			4,300	20,066	12,472	20,115	22,154	22,154		
042300-2210	VRS										
042300-2211	VRS-Hybrid Employer			4,633	19,032	11,570	2,848	2,848	2,848		
042300-2212	ICMA-RC Employer			586	2,673	1,625	460	400	400		
042300-2213	Standard Hybrid Disability			346		959	236	240	240		
042300-2300	Blue Cross/Blue Shield				7,164						
042300-2301	Health Insurance			9,219		30,720	8,088	8,492	8,492		
042300-2400	Group Life Insurance			767	575	2,129	524	524	524		
042300-2600	Unemployment Insurance				1,000		1,120	1,120	1,120		
042300-2700	Workers Compensation			2,576	13,265	10,227	10,760	11,739	11,739		
042300-3160	Professional Services										
042300-3310	Repairs & Maintenance			6,635	15,000	3,784	10,000	15,000	15,000		
042300-3311	Repairs & Maint-Auto & Equip			9,973	20,000	11,171	20,000	20,000	20,000		
042300-3840	Contract Landfill - POS			4,020		4,954	10,000	10,000	10,000		
042300-3841	Purchase of Service - Recycl			46,294	70,000	20,884	70,000	70,000	70,000		
042300-5110	Electrical Services			7,525	12,000	7,637	11,186	12,000	12,000		
042300-5230	Telecommunications			3,140	7,000	4,126	6,338	7,000	7,000		
042300-5305	Motor Vehicle Insurance				1,403	547	1,000	1,000	1,000		
042300-5440	Portable Toilet Rental			5,620	8,430	5,620	8,430	8,700	8,700		
042300-5510	Travel - Mileage				100			100	100		
042300-5530	Travel - Subsistence & Lodgi				75			75	75		
042300-5540	Travel-Convention & Educatio				250			250	250		
042300-5601	Annual Landfill Permit										
042300-6001	Office Supplies - Collection										
042300-6008	Vehicle & Powered Equip Fuel			9,262	15,500	12,190	18,000	18,000	18,000		
042300-6009	Vehicle & Powered Equip Supp			8,535	6,000	8,536	12,000	10,000	10,000		
042300-6030	Non-Capital Equipment										
042300-6040	ADP Equipment										
042300-8206	Construction Vehicles										
042300-8207	Physical Plant							15,000	15,000		
	--TOTAL DEPARTMENT--			179,909	477,553	316,133	474,035	524,242	524,242		
042400	LANDFILL OPERATIONS										
042400-1100	Salaries & Wages				235,868		219,118	247,118	247,118		
042400-1202	Overtime										
042400-1300	Part-time Salaries & Wages										
042400-2100	FICA				18,043		16,459	18,905	18,905		
042400-2210	VRS				859			870	870		
042400-2211	VRS-Hybrid Employer				16,040		15,282	16,832	16,832		
042400-2212	ICMA-RE Employer				2,253		2,146	2,364	2,364		
042400-2213	Standard Hybrid Disability				1,339		1,267	1,418	1,418		
042400-2300	Health Insurance				37,404		39,545	53,285	53,285		
042400-2400	Group Life Insurance				3,089		2,812	3,237	3,237		
042400-2600	Unemployment Insurance				330		300	302	302		

FUND #-520 SOLID WASTE FUND - EXPENDITU

		2015/2016 ACTUAL	2016/2017 ACTUAL	2017/2018 ACTUAL	AMENDED BUDGET	2019/03 ACTUAL	PROJECTED ACTUAL	DEPT 2019/2020 REQUEST	ADMIN 2019/2020 RECOMMEND	AMENDED 2019/2020 BUDGET	2
	LANDFILL OPERATIONS										
042400-2700	Workers Compensation				13,000	12,704	8,041	9,242	9,242		
042400-3006	Seeding, Mowing, S&EC			220	7,000	43	3,000	7,000	7,000		
042400-3011	Maintenance of Roads				10,000		3,000	10,000	10,000		
042400-3160	Professional Services			127,435	177,000	134,496	170,000	175,000	175,000		
042400-3161	Uniforms			347	1,600	948	1,200	1,600	1,600		
042400-3310	Repairs/Maintenance			161	10,000	7,789	10,000	10,000	10,000		
042400-3311	Equipment Repairs & Maintena			29,281	10,000	28,365	30,000	10,000	10,000		
042400-3840	Contract - Landfill										
042400-5230	Telecommunications			369	1,200	769	1,189	1,200	1,200		
042400-5305	Insurance				20,000	1,642					
042400-5510	Travel				5,000	1,763	3,000	3,000	3,000		
042400-5601	Annual Landfill Permit				2,350	3,235	3,235	3,500	3,500		
042400-5810	Dues			262	500		500	500	500		
042400-6001	Office Supplies - Landfill					285	500	500	500		
042400-6008	Fuel			22,194	45,000	33,406	40,000	45,000	45,000		
042400-6009	Vehicle & Powered Equip Supp			1,287	100,000	12,341	70,000	80,000	80,000		
042400-6030	Non-Capital Equipment			4,550							
042400-6040	ADP Equipment										
042400-8201	Equipment from Wright Excava			166,700							
042400-8206	Construction Vehicles			116,905	290,000	87,500	100,000	125,000	125,000		
042400-8207	Physical Plant							65,000	65,000		
042400-8400	Property							32,000	32,000		
	--TOTAL DEPARTMENT--			469,711	1,007,875	325,286	740,594	922,873	922,873		
	COLLECTIONS			649,620	1,485,428	641,419	1,214,629	1,447,115	1,447,115		
	-TOTAL FOR FUND			649,620	1,485,428	641,419	1,214,629	1,447,115	1,447,115		
	- FINAL TOTAL			649,620	1,485,428	641,419	1,214,629	1,447,115	1,447,115		

FUND #-331 LANDFILL CONSTRUCTION FUND

		2015/2016 ACTUAL	2016/2017 ACTUAL	2017/2018 ACTUAL	AMENDED BUDGET	2019/03 ACTUAL	PROJECTED ACTUAL	DEPT 2019/2020 REQUEST	ADMIN 2019/2020 RECOMMEND	AMENDED 2019/2020 BUDGET
000999	LANDFILL CONSTRUCTION FUND									
015010-0002	Interest Earned on Investmen	9,176-	9,968-	13,016-	8,000-	9,085-	13,627-	13,000-	13,000-	
	--TOTAL DEPARTMENT--	9,176-	9,968-	13,016-	8,000-	9,085-	13,627-	13,000-	13,000-	
	Interest Earned on Investme	9,176-	9,968-	13,016-	8,000-	9,085-	13,627-	13,000-	13,000-	
016080-0005	Landfill Charges - BU (Out o	226,626-	253,781-	317,140-	250,000-	239,373-	295,000-	250,000-	250,000-	
	--TOTAL DEPARTMENT--	226,626-	253,781-	317,140-	250,000-	239,373-	295,000-	250,000-	250,000-	
	Landfill Charges - BU (Out	226,626-	253,781-	317,140-	250,000-	239,373-	295,000-	250,000-	250,000-	
041050	FUND TRANSFERS IN									
041050-0100	From General Fund									
041050-0331	From Lndfill Construct Fund									
	-TOTAL FOR FUND	235,802-	263,749-	330,156-	258,000-	248,458-	308,627-	263,000-	263,000-	
	- FINAL TOTAL	235,802-	263,749-	330,156-	258,000-	248,458-	308,627-	263,000-	263,000-	

FUND #-331 LANDFILL CONSTRUCTION FUND

		2015/2016 ACTUAL	2016/2017 ACTUAL	2017/2018 ACTUAL	AMENDED BUDGET	2019/03 ACTUAL	PROJECTED ACTUAL	DEPT 2019/2020 REQUEST	ADMIN 2019/2020 RECOMMEND	AMENDED 2019/2020 BUDGET	2
000999	LANDFILL CONSTRUCTION FUND										
093000	FUND TRANSFERS OUT										
093000-0331	To Landfill Construct Fund B				258,000		308,627		263,000		
	--TOTAL DEPARTMENT--				258,000		308,627		263,000		
	FUND TRANSFERS OUT				258,000		308,627		263,000		
094000	CAPITAL PROJECTS										
094000-0051	Landfill Construction	986,473	345,722								
094000-3160	Prof. Serv-Construction Engi										
094000-3180	Professional Services - Engi	32,019	49,533								
094000-8001	Equipment										
	--TOTAL DEPARTMENT--	1,018,492	395,255								
	CAPITAL PROJECTS	1,018,492	395,255								
	-TOTAL FOR FUND	1,018,492	395,255		258,000		308,627		263,000		
	- FINAL TOTAL	1,018,492	395,255		258,000		308,627		263,000		

CUMBERLAND COUNTY
PUBLIC WORKS 400

Fund	Item	Description	Department Request	County Administrator Proposed	Adopted
100	42400	Refuse Disposal	$1,008,490	$980,754	$980,754
100	42450	Landfill - CCLDC	$0	$0	$0
100	42600	Litter Grant	$0	$0	$0
100	42700	Recycling	$0	$0	$0
100	43200	General Properties	$727,501	$737,121	$737,121
		TOTAL	**$1,735,991**	**$1,717,875**	**$1,717,875**

Account Number	Description	FY18 Adopted and Appropriated	FY 18 Actual at 6/30/18	FY 19 Department Request	FY 19 County Administrator Recommended	FY19 Adopted	FY 19 Actual at 12/31/2018	FY20 Departmental Request	FY 20 County Administrator Recommended	FY20 Adopted	FY20 Recommened less FY19 Adopted = Difference
FUND 100 - GENERAL FUND EXPENDITURES											
42400 - REFUSE DISPOSAL											
1100	Salaries & Wages - Regular	114,815	126,343	114,815	116,537	116,537	64,893	116,537	105,084	105,084	-11,453
1300	Part-time Salaries & Wages	15,000	20,537	15,000	20,000	20,000	15,579	50,000	51,500	51,500	31,500
2100	FICA	9,931	10,046	9,931	10,445	10,445	5,465	12,740	11,979	11,979	1,534
2210	VRS	11,045	12,150	11,045	11,211	11,211	5,393	11,211	10,109	10,109	-1,102
2300	Hospital/Medical Plans	28,875	15,859	28,875	28,875	28,875	12,818	30,396	25,636	25,636	-3,239
2400	Group Insurance	597	657	597	606	606	337	606	546	546	-60
2710	Worker's Comp. - Self-Insured	17,000	19,491	17,000	17,000	17,000	13,874	17,000	17,000	17,000	0
3100	Professional Services	25,000	14,335	25,000	25,000	25,000	3,400	25,000	15,000	15,000	-10,000
3110	Professional Health Services	300	367	300	300	300		300	300	300	0
3160	Other Contractual Services	335,000	411,378		590,000	590,000	276,801	650,000	650,000	650,000	60,000
3200	Temporary Help Services										0
3310	Repair & Maintenance - Contractual	5,000	4,999	5,000	5,000	5,000		5,000	5,000	5,000	0
3500	Printing & Binding										0
3600	Advertising		836								0
3800	Purchase of Svcs from Other Gov Entity	60,000	28,782	40,000	40,000	40,000	25,032	40,000	40,000	40,000	0
5110	Electrical Services	2,000	1,512	2,000	2,000	2,000	568	2,000	2,000	2,000	0
5120	Heating Services	500		500	500	500		500	500	500	0
5210	Postal Services	100		100	100	100		100	100	100	0
5230	Telecommunications	1,300	672	1,300	1,300	1,300	451	1,300	1,300	1,300	0
5250	Prior FY Telecommunications										0
5305	Motor Vehicle Insurance										0
5410	Lease/Rent of Equipment	3,000		3,000	3,000	3,000		1,000	1,000	1,000	-2,000
5510	Travel - Mileage										0
5540	Travel-Convention & Education										0
5840	Surcharge Fee - Building Permits										0
6001	Office Supplies	100	1	100	100	100		100	0	0	-100
6003	Agricultural Supplies	2,000		4,000	4,000	4,000		2,000	2,000	2,000	-2,000
6005	Laundry, Housekeeping & Janitorial		13								0
6007	Repair and Maintenance Supplies	6,000	5,802	16,000	16,000	16,000	1,226	10,000	10,000	10,000	-6,000
6008	Veh.&Pow.Equip. - fuels						53				0
6009	Veh.&Pow.Equip. - supplies	1,500	2,532	1,500	1,500	1,500	663	1,500	1,500	1,500	0
6011	Uniforms & wearing apparel	1,200	701	1,200	1,200	1,200	183	1,200	1,200	1,200	0
6014	Other Operating Supplies										0
8001	Machinery & Equipment	2,000	216	2,000	22,000	22,000		22,000	21,000	21,000	-1,000
8002	Furniture & Fixtures										0
8003	Communications Equipment										0
8092	Haz Mat/Tire Disposal Day	6,000	7,365	8,000	8,000	8,000		8,000	8,000	8,000	0
DEPT TOTAL - REFUSE DISPOSAL		**648,263**	**684,593**	**307,263**	**924,674**	**924,674**	**426,736**	**1,008,490**	**980,754**	**980,754**	**56,080**

Account Number	Description	FY18 Adopted and Appropriated	FY 18 Actual at 6/30/18	FY 19 Department Request	FY 19 County Administrator Recommended	FY19 Adopted	FY 19 Actual at 12/31/2018	FY20 Departmental Request	FY 20 County Administrator Recommended	FY20 Adopted	FY20 Recommened less FY19 Adopted = Difference
FUND 100 - GENERAL FUND EXPENDITURES											
42450 - LANDFILL - CCLDC											
1300	Part Time Salaries & Wages										0
DEPT TOTAL - LANDFILL CCLDC		**0**		**0**	**0**	**0**					**0**
42600 - LITTER GRANT											
3200	Temporary Help Service										0
3500	Printing and Binding										0
3600	Advertising										0
5210	Postal Services										0
6001	Office Supplies										0
6002	Food Supplies & Food Service										0
6014	Other Operating Supplies										0
DEPT TOTAL - LITTER GRANT		**0**		**0**	**0**	**0**					**0**
42700 - RECYCLING											
3200	Temporary Help Service Fees										0
3310	Repair & Maintenance - Contractual										0
5410	Lease/Rent of Equipment										0
DEPT TOTAL - RECYCLING		**0**		**0**	**0**	**0**					**0**

Appendix I

Existing Solid Waste Facilities

DEQ RECORDS
ACTIVE - INACTIVE - CLOSED FACILITIES
PRINCE EDWARD/CUMBERLAND COUNTY SWPU

Permit ID	Facility Name	Permit Status	Captive (Y/N)	Operating Status	Permit Issued Date	Permit Type	Geographical Region Code	FIPS City / County
SWP337	Farmville Town of Landfill	Revoked	N	Closed	12/7/1981	Solid Waste Full Permit	PRO	Prince Edward County
SWP420	Prince Edward County Sanitary Landfill	Revoked	N	Closed	9/8/1983	Solid Waste Full Permit	PRO	Prince Edward County
SWP584	Prince Edward County Sanitary Landfill	Permitted	N	Active	7/6/1995	Solid Waste Full Permit	PRO	Prince Edward County
PBR348	Southside Community Hospital	Revoked	N	Closed	1/1/1996	Solid Waste Permit-by-Rule	PRO	Prince Edward County
SWP195	Farmville Town of Landfill	Permitted	N	Post Closure	12/15/1975	Solid Waste Full Permit	PRO	Prince Edward County
SWP339	Hamilton Sanitary Landfill - Cartersville	Revoked	N	Closed	6/17/1983	Solid Waste Full Permit	PRO	Cumberland County
SWP342	Madison Dist Sanitary Landfill	Permitted	N	Post Closure	6/17/1983	Solid Waste Full Permit	PRO	Cumberland County
SWP341	Randolph District SLF Cumberland County	Revoked	N	Closed	6/17/1983	Solid Waste Full Permit	PRO	Cumberland County
SWP606	Cumberland County Development Company Landfill	Revoked	N	Not Applicable	8/17/2009	Solid Waste Full Permit	PRO	Cumberland County
SWP626	Green Ridge Recycling and Disposal Facility	Pending	N			Solid Waste Full Permit	PRO	Cumberland County

Appendix J

SWIA and Waste Reporting Tables

SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25

1.	**Facility Name:** Prince Edward County Sanitary Landfill		
2.	**Permit Number:** SWP584	3. **Date Submitted:** 2/22/2019	4. **Annual Reporting Period** 2018
5.	**Preparer's Name:** Cheryl L Stimpson	6. **Preparer's Telephone Number:** (434) 392-8837	
7.	**Preparer's Email:** cstimpson@co.prince-edward.va.us		
8.	**Has there been a change to the Annual Fee Billing Contact, Address, or telephone number?** NO		
	Contact's Name: W. W. Bartlett	**Contact's Phone:** (434) 392-8837	
	Address: P.O. Box 382	**Email:** wbartlett@co.prince-edward.va.us	
	City: Farmville	**State:** VA	**Zip:** 23901

9A and 9B Landfills only	**9A**	**Remaining Permitted Capacity** 347000 Cubic Yards	**9B**	**Expected Remaining Permitted Life** 6 Years

10. Does this facility use active scales? Yes	**Landfills not using active scales - enter the total amount landfilled in cubic yards (sum of all jurisdictions)**
11. Originating Jurisdiction VA - Virginia	**Statement of Economic Benefits submitted?** No
12. Facilities landfilling VA incineration ash	**Use the supplemental form to provide the facility from which ash was received and the amount.**

Waste amounts measured in TONS

				On-site Management of Waste						Sent Off-site to be: (i)		Stored On-Site (j)	
	Waste Type	Total Amount of Waste Recieved (a)	Mined Materials (b)	Landfilled (c)	Recycled (d)	Composed (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period
13	Municipal Solid Waste	27,958.16		27,958.16									
14	Construction/Demolition/Debris	2,559.88		3,171.38								611.50	
15	Industrial Waste	19.89			19.89								
16	Regulated Medical Waste												
17	Vegetative/Yard Waste	735.58							735.58				
18	Incineration Ash												
19	Sludge												
20	Tires	31.79								31.79			
21	White Goods	189.80								189.80			

22	Friable Asbestos												
23	Petroleum Contaminated Soil												
24	Other Waste	90.03							90.03				
25	Total	31,585.13		31,129.54	19.89				825.61	221.59		611.50	

Facility Comments

Industrial waste is used onsite for roads and other projects. 90.03 tons of ash from Longwood's wood-fired boilers were brought on site. This material is stored and then used as a soil supplement when seeding at the site. In this report, the material is included with #24 Other (h). 9A is recorded in tons. 9B is for the existing cells A-E.'

SUPPLEMENTAL SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25

Only those facilities that landfill Virginia incineration ash provide this information.

Permit No, Facility Name	Ash Amount	Unit of Measure

APPENDIX J - TABLE J-1
Prince Edward Co. - Cumberland Co. Region SWPU
SWIA DATA - VDEQ ANNUAL REPORTS
2005 THROUGH 2018

YEAR	TONNAGE LANDFILLED	REMAINING CAPACITY (Tons)	LIFE (Years)
2005	60,464	0.0	10.1
2006	25,004	252,897	8.9
2007	31,840	221,057	7.1
2008	30,217	95,420	6.3
2009	27,156	81,842	5.6
2010	25,810	67,958	4.7
2011	26,349	54,784	4.0
2012	25,921	41,823	3.2
2013	22,806	29,071	2.3
2014	19,359	40,011	2.0
2015	17,966	9,220	1.5
2016	18,292	95,600	8.0
2017	25,076	197,588	7.5
2018	31,130	173,500	6.0
AVG	27,671		

1. Remaining capacity calculated by VDEQ - conversion from volume to tonnage. Conversion factor used is 1,000 pounds/cy.
2. Life reported by landfill.

APPENDIX J - TABLE J-2
PRINCE EDWARD AND CUMBERLAND SWPU
Prince Edward Landfill - Permit 584
TONNAGE REPORTED - SWIA FORMS -2014 THROUGH 2018

	RECEIVED							
Permit 584	MSW	CDD	IW	V/Y W	Tires	WG	other	total
2014	17,389	3,995	5	862	206	0	108	22,564
2015	17,966	148	0	708	221	0	90	19,132
2016	18,292	1,489	0	581	358	0	84	20,804
2017	25,076	1,491	126	630	37	0	57	27,417
2018	27,958	2,560	20	736	32	190	90	31,585
AVG	21,336	1,936	30	703	171	38	86	24,300
% of waste stream	87.80%	7.97%	0.12%	2.89%	0.70%	0.16%	0.35%	
	LANDFILLED							
Permit 584	MSW	CDD	IW	V/Y W	Tires	WG	other	total
2014	17,165	2,189	5	0	0	0	0	19,359
2015	17,966	0	0	0	0	0	0	17,966
2016	18,292	0	0	0	0	0	0	18,292
2017	25,076	0	0	0	0	0	0	25,076
2018	27,958	3,171	0	0	0	0	0	31,130
AVG	21,291	1,072	1	0	0	0	0	22,364
	RECYCLED (onsite)							
Permit 584	MSW	CDD	IW	V/Y W	Tires	WG	other	total
2014	0	0	0	0	0	0	0	0
2015	0	148	0	0	0	0	0	148
2016	0	1,489	0	0	0	0	0	1,489
2017	0	1,491	126	0	0	0	0	1,617
2018	0	0	20	0	0	0	0	20
AVG	0	626	29	0	0	0	0	655
	RECYCLED (offsite)							
Permit 584	MSW	CDD	IW	V/Y W	Tires	WG	other	total
2014	224	0	0	0	206	0	0	431
2015	0	0	0	0	221	0	0	221
2016	0	0	0	0	358	0	0	358
2017	0	0	0	0	37	0	0	37
2018	0	0	0	0	32	190	0	222
AVG	45	0	0	0	171	38	0	254
	OTHER							
Permit 584	MSW	CDD	IW	V/Y W	Tires	WG	other	total
2014	0	1,194	0	862	0	0	108	2,163
2015	0	0	0	708	0	0	90	797
2016	0	0	0	581	0	0	84	666
2017	0	0	0	630	0	0	57	687
2018	0	0	0	736	0	0	90	826
AVG	0	239	0	703	0	0	86	1,028

Appendix K

EXCERPTS - US EPA – 2017 Report



Advancing Sustainable Materials Management: 2017 Fact Sheet

Assessing Trends in Material Generation, Recycling, Composting, Combustion with Energy Recovery and Landfilling in the United States

November 2019

Introduction

The U.S. Environmental Protection Agency (EPA) has collected and reported data on the generation and disposition of municipal solid waste (MSW) in the United States for more than 30 years. This information is used to measure the success of materials management programs across the country and to characterize the national waste stream. These facts and figures are based on the most recent information, which is from calendar year 2017.

In 2017, in the United States, approximately 268 million tons (U.S. short tons unless specified) of MSW were generated (*See* Figure 1). Of the MSW generated, approximately 67 million tons of MSW were recycled and 27 million tons of MSW were composted. Together, more than 94 million tons of MSW were recycled and composted, equivalent to a 35.2 percent recycling and composting rate (*See* Figure 2). In addition, more than 34 million tons of MSW (12.7 percent) were combusted with energy recovery. Finally, more than 139 million tons of MSW (52.1 percent) were landfilled (*See* Figure 3 and Table 1).

Information about waste generation and disposal is an important foundation for managing materials. Sustainably managing materials requires focusing on the life cycle of a product, from the time it is produced, used, reused and ultimately recycled or discarded. This is known as Sustainable Materials Management (SMM). SMM refers to the use and reuse of materials in the most productive and sustainable way across their entire life cycle. SMM conserves resources, reduces waste and minimizes the adverse environmental impacts of material use.

This report analyzes MSW trends in generation and management, materials and products, and economic indicators affecting MSW. It also includes a section on the generation of construction and demolition (C&D) debris, which is not a part of MSW, but comprises a significant portion of the non-hazardous solid waste stream.

Figure 1. MSW Generation Rates, 1960 to 2017

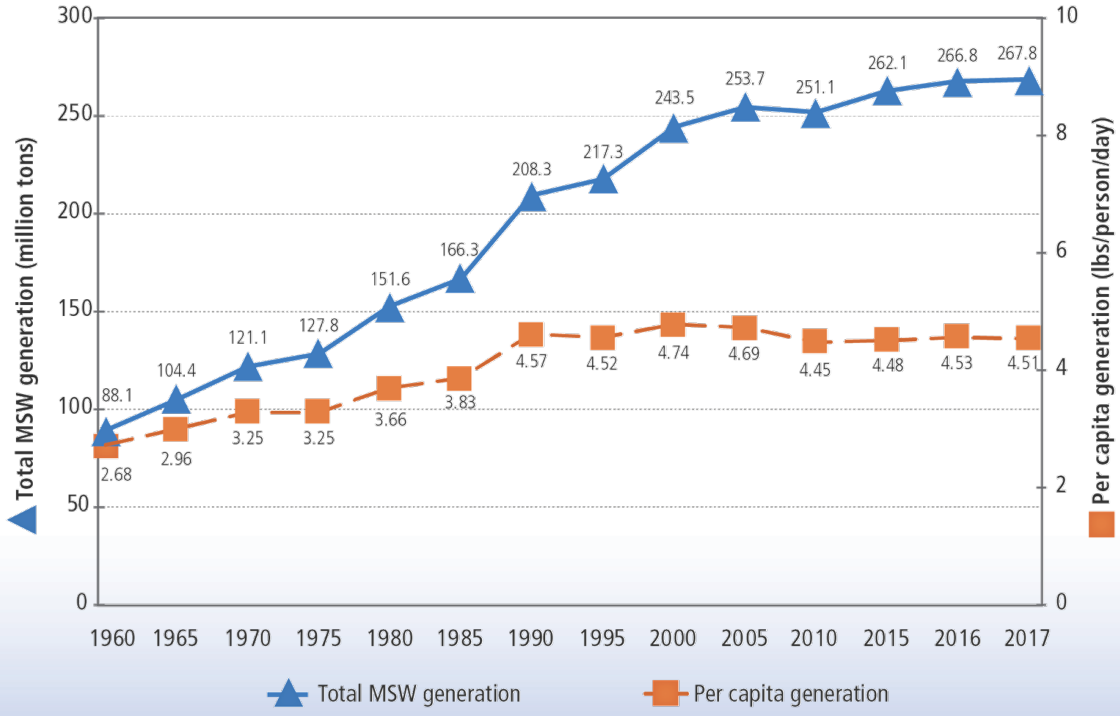


Figure 2. MSW Recycling and Composting Rates, 1960 to 2017

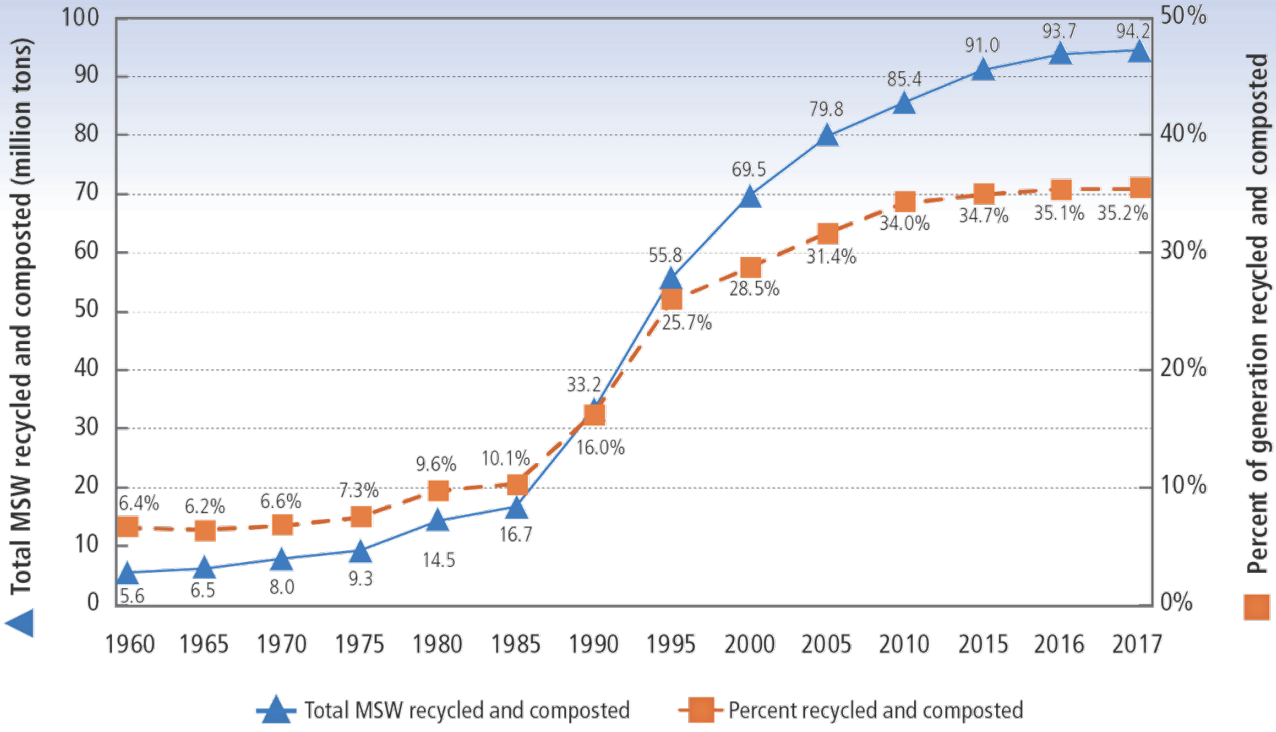


Figure 3. Management of MSW in the United States, 2017

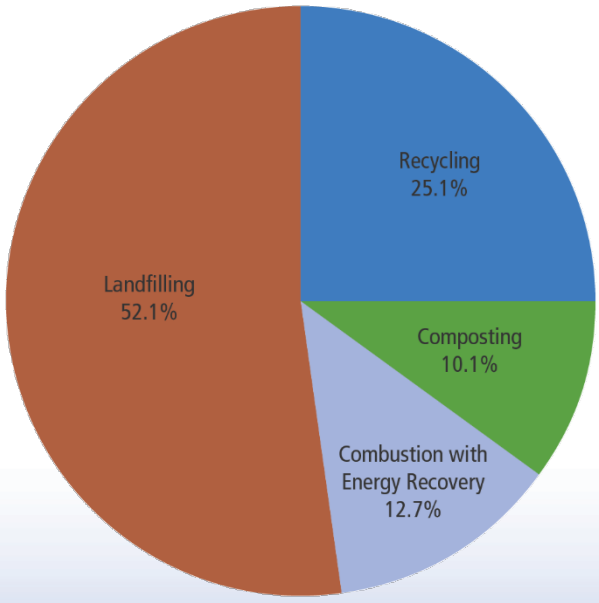


Table 1. Generation, Recycling, Composting, Combustion with Energy Recovery and Landfilling of Materials in MSW, 2017*
(in millions of tons and percent of generation of each material)

Material	Weight Generated	Weight Recycled	Weight Composted	Weight Combusted with Energy Recovery	Weight Landfilled	Recycling as Percent of Generation	Composting as Percent of Generation	Combustion as Percent of Generation	Landfilling as Percent of Generation
Paper and paperboard	67.01	44.17	-	4.49	18.35	65.9%	-	6.70%	27.38%
Glass	11.38	3.03	-	1.48	6.87	26.6%	-	13.01%	60.37%
Metals									
Steel	18.89	6.17	-	2.29	10.43	32.7%	-	12.12%	55.21%
Aluminum	3.83	0.62	-	0.56	2.65	16.2%	-	14.62%	69.19%
Other nonferrous metals†	2.33	1.54	-	0.07	0.72	66.1%	-	3.00%	30.90%
Total metals	**25.05**	**8.33**	-	**2.92**	**13.80**	**33.3%**	-	**11.66%**	**55.09%**
Plastics	35.37	2.96	-	5.59	26.82	8.4%	-	15.80%	75.83%
Rubber and leather	9.11	1.67	-	2.49	4.95	18.3%	-	27.33%	54.34%
Textiles	16.89	2.57	-	3.17	11.15	15.2%	-	18.77%	66.02%
Wood	17.99	3.00	-	2.85	12.14	16.7%	-	15.84%	67.48%
Other materials	5.10	1.45	-	0.67	2.98	28.4%	-	13.14%	58.43%
Total materials in products	**187.90**	**67.18**	-	**23.66**	**97.06**	**35.8%**	-	**12.59%**	**51.66%**
Other wastes									
Food, other‡	40.67	-	2.57	7.47	30.63	-	6.3%	18.37%	75.31%
Yard trimmings	35.18	-	24.42	2.11	8.65	-	69.4%	6.00%	24.59%
Miscellaneous inorganic wastes	4.04	-	-	0.79	3.25	-	-	19.55%	80.45%
Total other wastes	**79.89**	-	**26.99**	**10.37**	**42.53**	-	**33.8%**	**12.98%**	**53.24%**
Total municipal solid waste	**267.79**	**67.18**	**26.99**	**34.03**	**139.59**	**25.1%**	**10.1%**	**12.71%**	**52.13%**

* Includes waste from residential, commercial and institutional sources.

† Includes lead from lead-acid batteries.

‡ Includes collection of other MSW organics for composting.

Details might not add to totals due to rounding.

Negligible = Less than 5,000 tons or 0.05 percent.
A dash in the table means that data are not available.

Trends in Municipal Solid Waste

Our MSW, or trash, is comprised of various items consumers throw away. These items include packaging, food, yard trimmings, furniture, electronics, tires and appliances. MSW does not include industrial, hazardous or C&D waste. Sources of MSW include residential waste, including waste from multi-family housing, as well as waste from commercial and institutional locations, such as businesses, schools and hospitals.

Over the last few decades, the generation, recycling, composting, combustion with energy recovery and landfilling of MSW has changed substantially. Solid waste generation peaked at 4.74 pounds per person per day in 2000. The rate of 4.51 pounds per person per day in 2017 is slightly lower than the 2016 rate, which was 4.53 pounds per person per day (*See* Figure 1).

The combined recycling and composting rate increased from less than 10 percent of generated MSW in 1980 to 35.2 percent in 2017 (*See* Figure 2). Without including composting, recycling alone rose from 14.5 million tons (9.6 percent of MSW) in 1980 to 67.2 million tons (25.1 percent) in 2017. Composting was negligible in 1980, but it rose to 27.0 million tons in 2017 (10.1 percent; *See* Figure 3 and Table 2 for details).

Food

Nationally, the composting of food rose from 2.15 million tons in 2016 (5.3 percent of food generated) to 2.57 million tons in 2017 (6.3 percent).

Combustion with energy recovery was less than 2 percent of generation in 1980 at 2.8 million tons. In 2017, more than 34.0 million tons (12.7 percent of MSW generated) were combusted with energy recovery (*See* Table 2).

Since 1990, the total amount of MSW going to landfills has dropped by 5.7 million tons, from 145.3 million tons in 1990 to 139.6 million tons in 2017 (*See* Table 2). The net per capita 2017 landfilling rate was 2.3 pounds per day, which was lower than the 3.2 per capita rate in 1990 (*See* Table 3).

Table 2. Generation, Recycling, Composting, Combustion with Energy Recovery and Landfilling of MSW, 1960 to 2017 (in millions of tons)

Activity	1960	1970	1980	1990	2000	2005	2010	2015	2016	2017
Generation	88.1	121.1	151.6	208.3	243.5	253.7	251.1	262.1	266.8	267.8
Recycling	5.6	8.0	14.5	29.0	53.0	59.2	65.3	67.6	68.6	67.2
Composting*	neg.	neg.	neg.	4.2	16.5	20.6	20.2	23.4	25.1	27.0
Combustion with energy recovery†	0.0	0.5	2.8	29.8	33.7	31.7	29.3	33.5	33.9	34.0
Landfilling and other disposal‡	82.5	112.6	134.3	145.3	140.3	142.2	136.3	137.6	139.2	139.6

* Composting of yard trimmings, food and other MSW organic material. Does not include backyard composting.

† Includes combustion of MSW in mass burn or refuse-derived fuel form, and combustion with energy recovery of source separated materials in MSW (e.g., wood pallets, tire-derived fuel).

‡ Landfilling after recycling, composting and combustion with energy recovery. Includes combustion without energy recovery.

Details might not add to totals due to rounding.

neg. (negligible) = less than 5,000 tons.

Table 3. Generation, Recycling, Composting, Combustion with Energy Recovery and Landfilling of MSW, 1960 to 2017 (in pounds per person per day)

Activity	1960	1970	1980	1990	2000	2005	2010	2015	2016	2017
Generation	2.7	3.3	3.7	4.6	4.7	4.7	4.4	4.5	4.5	4.5
Recycling	0.2	0.2	0.4	0.6	1.0	1.1	1.1	1.2	1.2	1.1
Composting*	neg.	neg.	neg.	0.1	0.3	0.4	0.4	0.4	0.4	0.5
Combustion with energy recovery†	0.0	neg.	0.1	0.7	0.7	0.6	0.5	0.6	0.6	0.6
Landfilling and other disposal‡	2.5	3.1	3.2	3.2	2.7	2.6	2.4	2.3	2.3	2.3
Population (In millions)	180.0	204.0	227.3	249.9	281.4	296.4	309.1	320.9	323.1	325.1

* Composting of yard trimmings, food, and other MSW organic material. Does not include backyard composting.

† Includes combustion of MSW in mass burn or refuse-derived fuel form, and combustion with energy recovery of source separated materials in MSW (e.g., wood pallets, tire-derived fuel).

‡ Landfilling after recycling, composting, and combustion with energy recovery. Includes combustion without energy recovery.

Details might not add to totals due to rounding.

neg. (negligible) = less than 5,000 tons.

Analyzing MSW

EPA analyzes MSW by breaking down the data in two ways: by material or by product. Materials are made into products, which are ultimately reprocessed through recycling or composting, or managed by combustion with energy recovery facilities or landfills. Examples of materials that EPA tracks include paper and paperboard, plastics, metals, glass, rubber, leather, textiles, wood, food and yard trimmings. For a full list of materials, *see* Table 1.

Products are what people buy and handle, and they are manufactured out of the types of materials listed above. Product categories include containers and packaging, nondurable goods, durable goods, food and yard trimmings. Containers and packaging, such as milk cartons and plastic wrap, are assumed to be in use for a year or less; nondurable goods like newspaper and clothing are assumed to be in use for less than three years; and durable goods, such as furniture, are assumed to be in use for three or more years. Some products, such as appliances, may be made of more than one material. Information about products shows how consumers are using and discarding materials and offers strategies on ways to maximize the source reduction, recycling and composting of materials.

Materials in MSW

Table 1 and the following figures provide specific information about materials in MSW. Table 1 shows generation, recycling, composting, combustion with energy recovery and landfilling by material, weight and percent of generation.

Figure 4 below provides the breakdown of MSW generation by material. Paper and paperboard, along with food, continued to be the largest components of MSW generated. Paper and paperboard accounted for 25 percent, while food accounted for about 15 percent. Yard trimmings and plastics comprised about 13 percent each. The remaining amount of MSW generated consisted of rubber, leather and textiles; metals; wood; glass; and other materials.

Composting Collection Programs [1,2]

- About 3,860 community composting programs were documented in 2017—an increase from 3,227 in 2002.
- Food composting curbside collection programs served 6.1 million households in 2017. About 6.7 million households had access to drop-off food collection programs that year.

Figure 5 provides the breakdown of MSW recycling by material in 2017. Paper and paperboard composed the largest component of MSW recycling, representing nearly 66 percent. Metals made up over 12 percent of MSW recycled. The remaining amount of MSW recycled consisted of rubber, leather and textiles; plastics; glass; wood; and other materials.

Figure 6 provides the breakdown of MSW composting by material, Figure 7 provides the breakdown of MSW combustion with energy recovery, and Figure 8 provides the breakdown of MSW landfilling.

Figure 4. Total MSW Generation (by material), 2017
267.8 Million Tons

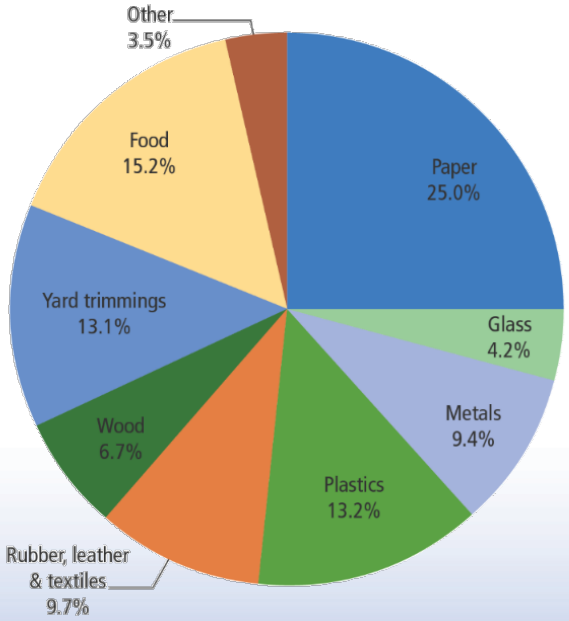


Figure 5. Total MSW Recycling (by material), 2017
67.2 Million Tons

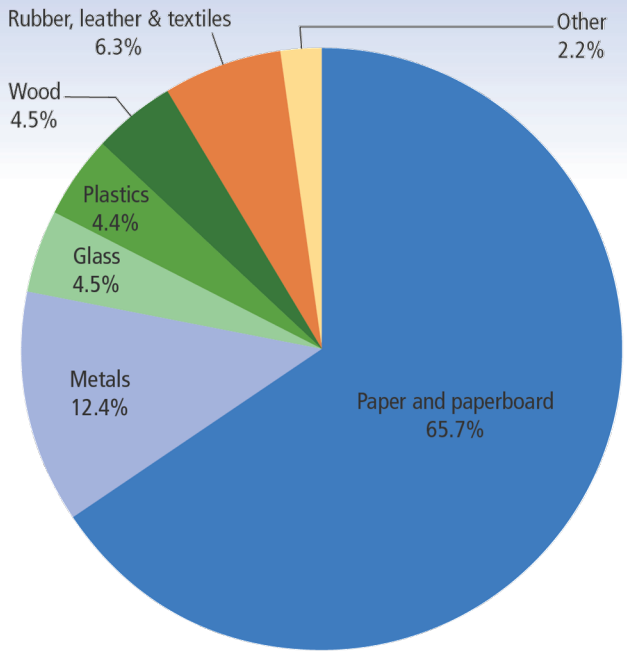


Figure 6. Total MSW Composting (by material), 2017
27.0 Million Tons

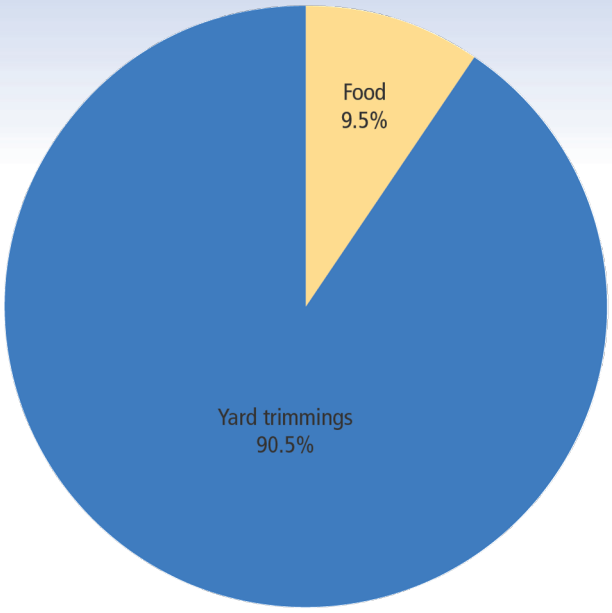


Figure 7. Total MSW Combusted with Energy Recovery (by material), 2017 34.0 Million Tons

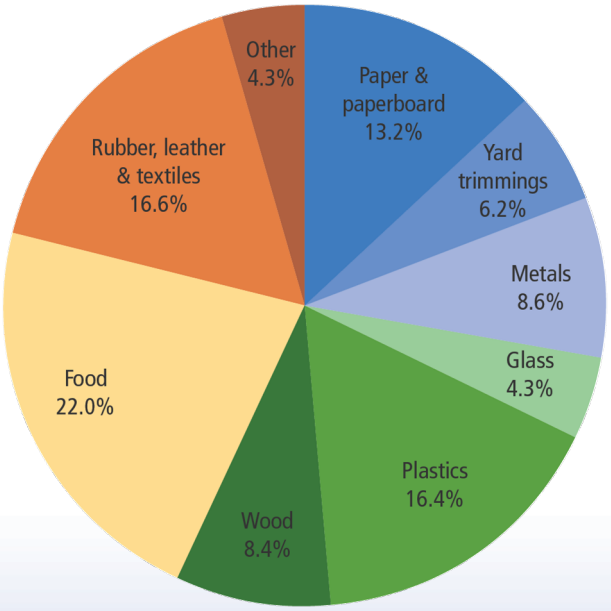
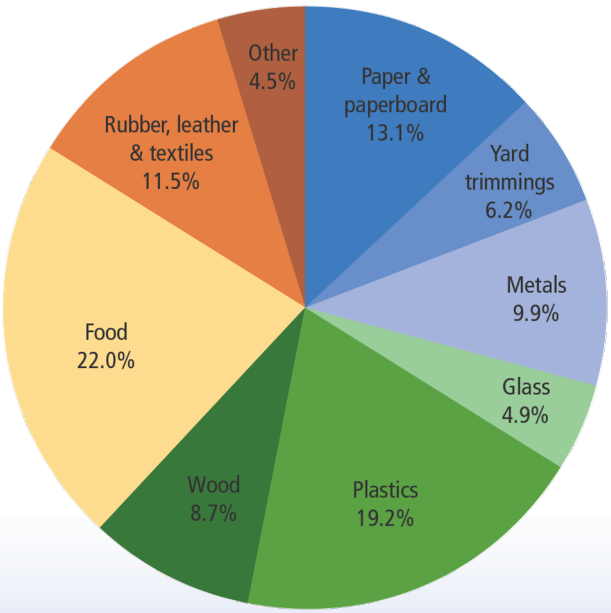


Figure 8. Total MSW Landfilled (by material), 2017
139.6 Million Tons



Appendix L

Waste Projections

APPENDIX L - TABLE L-1
Prince Edward County - Cumberland County Region SWPU
WASTE TONNAGE PROJECTIONS
2020 THROUGH 2040

EPA national average of 4.51 lbs/person/day used from 2017 Facts and Figures Sheet
https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling

YEAR	Prince Edward	Cumberland	TOTAL POPULATION	LBS/PERSON/DAY	REGIONAL TOTAL (TONS)
2020*	23,272	9,792	33,064	4.51	27,214
2021	23,435	9,823	33,259	4.51	27,374
2022	23,599	9,855	33,453	4.51	27,534
2023	23,762	9,886	33,648	4.51	27,695
2024	23,925	9,917	33,842	4.51	27,855
2025	24,089	9,949	34,037	4.51	28,015
2026	24,252	9,980	34,232	4.51	28,175
2027	24,415	10,011	34,426	4.51	28,335
2028	24,578	10,042	34,621	4.51	28,496
2029	24,742	10,074	34,815	4.51	28,656
2030*	24,905	10,105	35,010	4.51	28,816
2031	25,034	10,123	35,157	4.51	28,937
2032	25,162	10,141	35,303	4.51	29,057
2033	25,291	10,159	35,450	4.51	29,178
2034	25,419	10,177	35,596	4.51	29,299
2035	25,548	10,196	35,743	4.51	29,419
2036	25,676	10,214	35,890	4.51	29,540
2037	25,805	10,232	36,036	4.51	29,660
2038	25,933	10,250	36,183	4.51	29,781
2039	26,062	10,268	36,329	4.51	29,902
2040*	26,190	10,286	36,476	4.51	30,022

APPENDIX L - TABLE L-2
Prince Edward County - Cumberland County Region SWPU
WASTE TONNAGE PROJECTIONS
2020 THROUGH 2040

EPA national average of 4.51 lbs/person/day used from 2017 Facts and Figures Sheet
https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling

Composition Percentages from Average of 2014-2018 SWIA tonnage received

YEAR	REGIONAL TOTAL (TONS)	MSW (87.8%)	CDD (7.97%)	V/Y W (2.98%)	IND (0.12%)	TIRES (0.7%)	WHITE GOODS (0.16%)	OTHER (0.35%)
2020*	27,214	23,894	2,169	786	33	190	44	95
2021	27,374	24,035	2,182	791	33	192	44	96
2022	27,534	24,175	2,194	796	33	193	44	96
2023	27,695	24,316	2,207	800	33	194	44	97
2024	27,855	24,457	2,220	805	33	195	45	97
2025	28,015	24,597	2,233	810	34	196	45	98
2026	28,175	24,738	2,246	814	34	197	45	99
2027	28,335	24,878	2,258	819	34	198	45	99
2028	28,496	25,019	2,271	824	34	199	46	100
2029	28,656	25,160	2,284	828	34	201	46	100
2030*	28,816	25,300	2,297	833	35	202	46	101
2031	28,937	25,406	2,306	836	35	203	46	101
2032	29,057	25,512	2,316	840	35	203	46	102
2033	29,178	25,618	2,325	843	35	204	47	102
2034	29,299	25,724	2,335	847	35	205	47	103
2035	29,419	25,830	2,345	850	35	206	47	103
2036	29,540	25,936	2,354	854	35	207	47	103
2037	29,660	26,042	2,364	857	36	208	47	104
2038	29,781	26,148	2,374	861	36	208	48	104
2039	29,902	26,254	2,383	864	36	209	48	105
2040*	30,022	26,360	2,393	868	36	210	48	105