

AMENDED AND RESTATED

PRINCE EDWARD COUNTY and
CUMBERLAND COUNTY

SOLID WASTE MANAGEMENT PLAN



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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 April 3, 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 April 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.

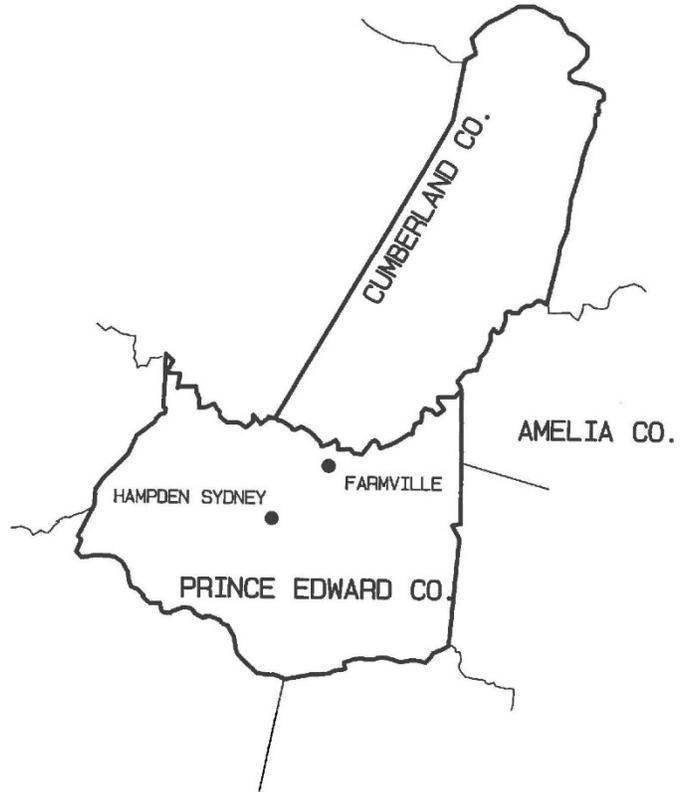
A. Existing Development Trends

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.

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.

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



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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.

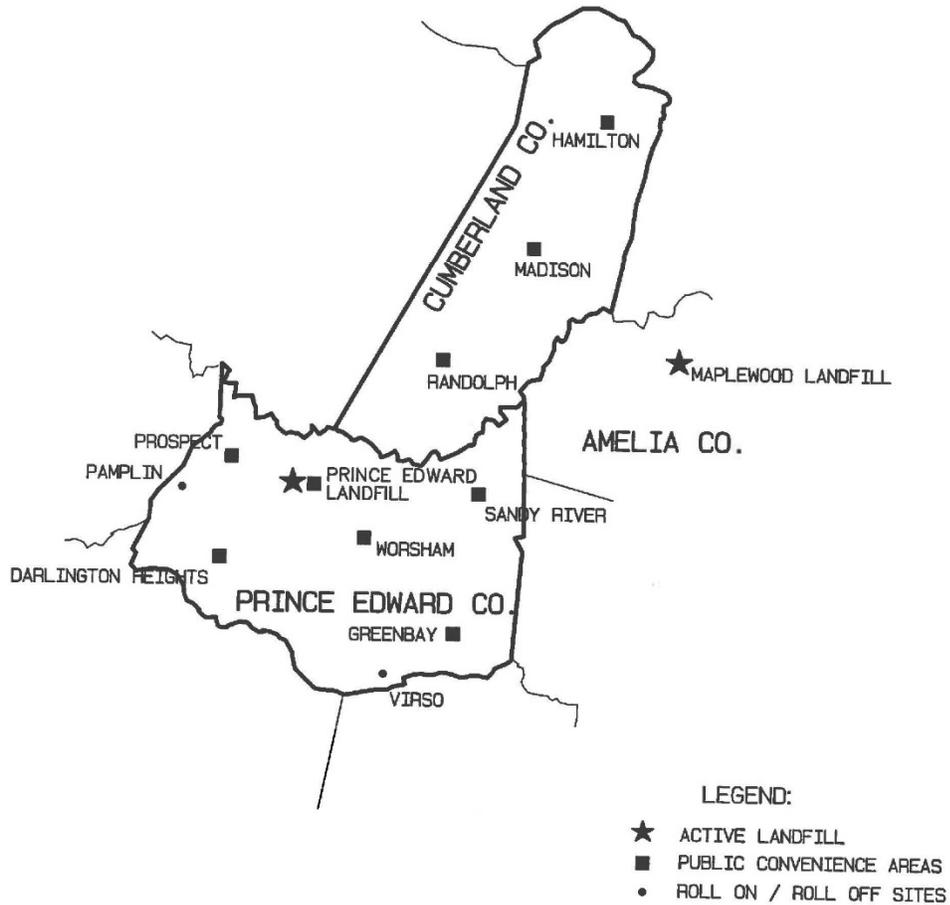
A. Prince Edward County

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 1. 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.



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



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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.

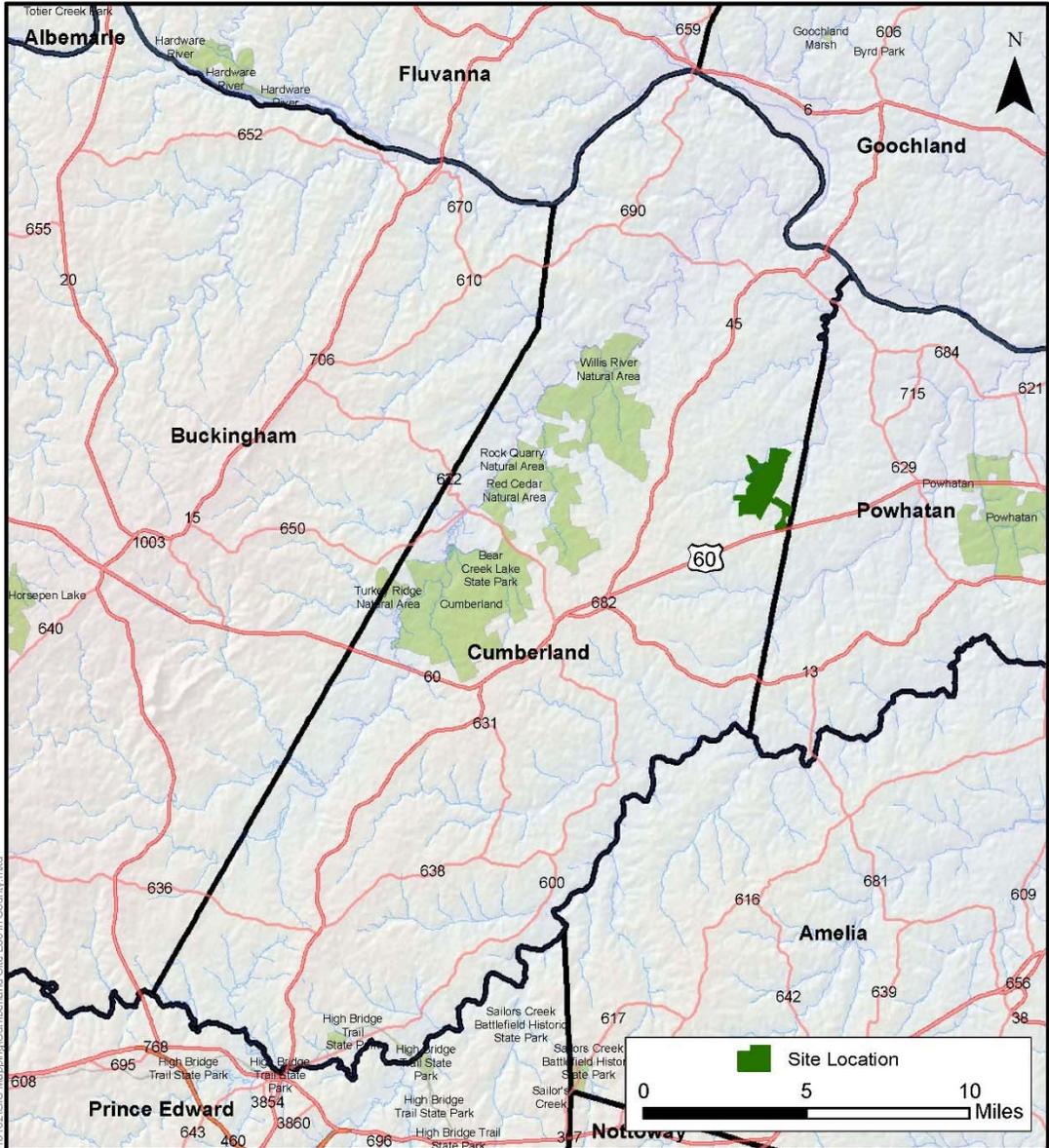
C. Solid Waste Management Planning (SWMP) Unit Recycling Rate

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.

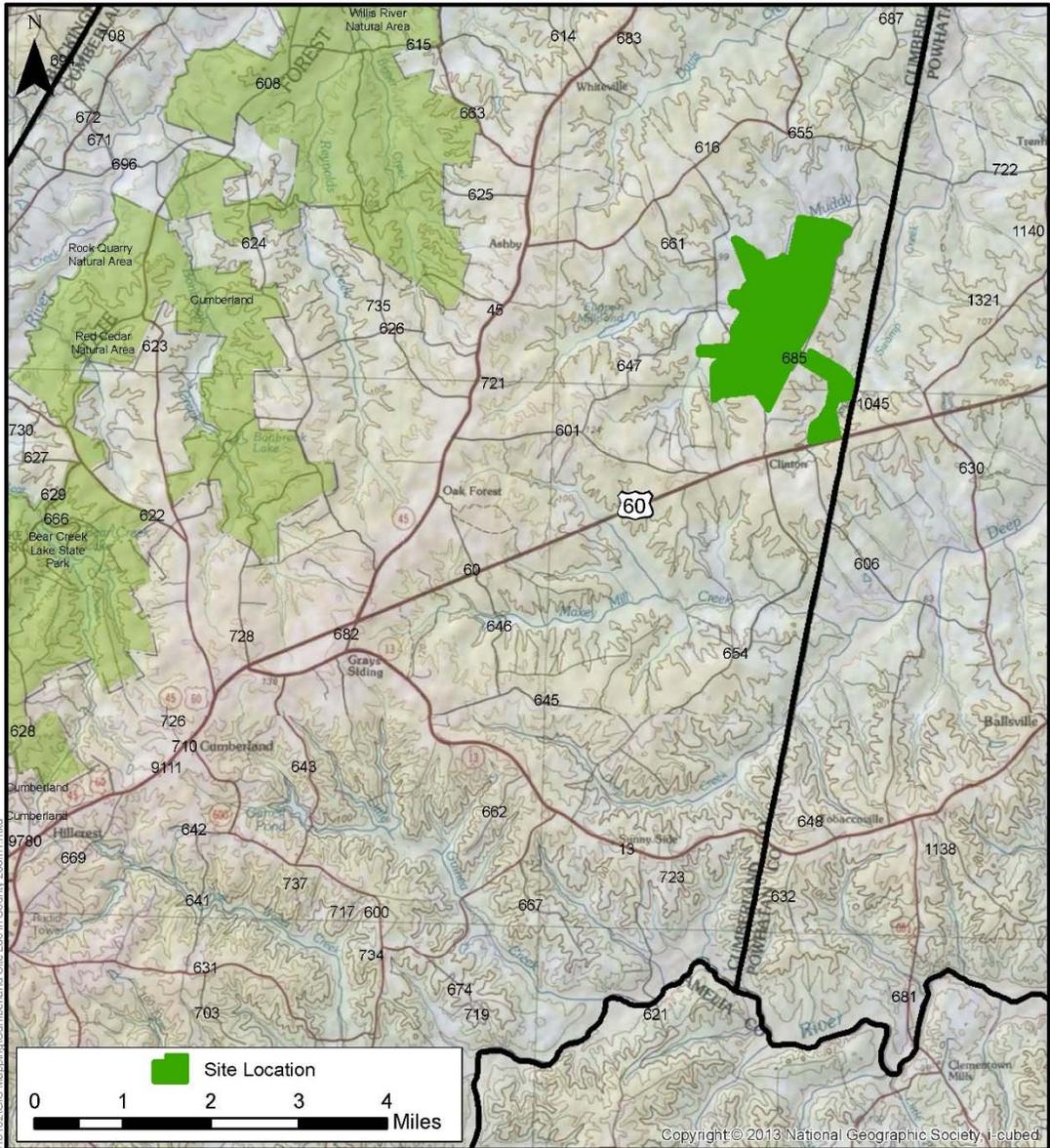
D. Collection/Transfer

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.



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

Site Location	Green Ridge Recycling and Disposal Facility Cumberland County, Virginia	SCALE: 1:270,000 PROJECT: 18020117-010102
 Draper Aden Associates <i>Engineering • Surveying • Environmental Services</i> 2206 South Main Street Blacksburg, VA 24060 540-652-0444 Fax: 540-562-0291	DESIGNED: DRAWN: CHECKED: DATE: 2-8-19	FIGURE 1



<p>Site Location</p>	<p>Green Ridge Recycling and Disposal Facility Cumberland County, Virginia</p>	<p>SCALE: 1:100,000 PROJECT: 18020117-010102</p>
 <p>Draper Aden Associates <i>Engineering • Surveying • Environmental Services</i> 2206 South Main Street Blacksburg, VA 24060 540-662-0444 Fax: 540-662-0291</p>	<p>DESIGNED: DRAWN: CHECKED: DATE:</p>	<p>FIGURE 1</p>

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 MUNICIPAL 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.

**TABLE 4A
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 least 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 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. 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 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



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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 streamline 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 it 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 Morrisette 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 than 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 an 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 its 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 its 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.

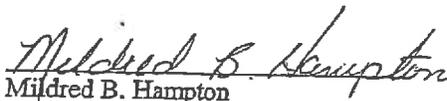
Board members also commented on the condition of the driveway and asked if it could be improved using County personnel and equipment. Mr. Pickett indicated he would look into it.

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



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

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
2-1-04

Wally
Hearns

Pratt
C. Leonard
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Board

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

APPENDIX C
PUBLIC HEARING



COUNTY OF PRINCE EDWARD, VIRGINIA

WWW.CO.PRINCE-EDWARD.VA.US

POST OFFICE BOX 302, FARMVILLE, VA 23001
(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. Wilson P.O. Box 1122 Pamplico, NC

Mary H. Carville - 1010 Rossee Mill Rd. Pamplico

Danica Fehner, 188 Farmville Lake Rd., Farmville

**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.

APPENDIX D
FUTURE CAPITAL OUTLAYS FOR CELL
CONSTRUCTION AND CLOSURES

APPENDIX E
DEMOGRAPHICS REFERENCES



VaEmploy.Com

Virginia Employment Commission

Home > Services > Labor Market Information > LMI Staff

LMI Data
Upcoming Events
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Staff
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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 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

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



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Prince Edward

Age in years	1990 Total Population	2000 Total Population	2010 Total Projections	2020 Total Projections	2030 Total Projections
< 5	967				
5 - 9	993	983	1,144	1,304	1,484
10 - 14	1,012	1,108	1,443	1,720	1,957
15 - 19	2,302	1,205	1,401	1,600	1,803
20 - 24	2,653	2,601	2,759	2,926	3,122
25 - 29	1,022	2,724	2,855	2,937	2,968
30 - 34	1,041	933	1,187	1,381	1,561
35 - 39	1,083	1,063	1,454	1,830	2,231
40 - 44	905	1,196	1,550	1,939	2,396
45 - 49	712	1,246	1,379	1,545	1,715
50 - 54	693	1,241	1,401	1,523	1,638
55 - 59	705	1,022	1,123	1,216	1,286
60 - 64	742	849	941	1,008	1,066
65 - 69	745	754	834	899	923
70 - 74	593	691	748	778	780
75 - 79	546	661	706	690	693
80 - 84	304	585	611	683	676
85 +	302	399	470	436	467
		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				
5 - 9	534	564	581		
10 - 14	585	654	605	638	725
15 - 19	595	664	688	662	725
20 - 24	485	549	664	686	725
25 - 29	549	460	569	650	690
30 - 34	588	516	498	626	630
35 - 39	514	610	569	638	618
40 - 44	539	723	688	626	702
45 - 49	487	672	736	626	773
50 - 54	445	627	771	698	749
55 - 59	380	652	676	734	666
60 - 64	361	527	641	758	714
65 - 69	397	460	688	782	749
70 - 74	283	414	510	698	749
75 - 79	246	365	415	614	737
80 - 84	167	258	316	602	607
85 +	120	161	238	415	538
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. Graduate
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%	20%	\$35,153	\$74,300	\$2,114	\$11	41%	5%	61%	76%	20%	8%
2,018	Pittsylvania, VA	-2.40	35.76%	61,745	66%	3%	34%	9%	0%	29%	5%	9%	4%	20%	\$32,941	\$88,000	\$2,671	\$23	14%	9%	61%	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	32.04%	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%	4%
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



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 Cumberland VA 23040
Street/P.O. Box City State 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.

$$\frac{[P + S]}{[P + S + M]} \times 100 = \text{Recycling Rate}$$

$$\frac{[544.55 + 587.21]}{[544.55 + 587.21 + 5785.10]} \times 100$$

$$= \frac{1131.76}{6916.86} \times 100 = 16.36\%$$

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.

Jerry Giles Jr. Authorized Signature Title Director of Public Works Date 4-28-06

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.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
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.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons</u>
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 SRM)
Construction Waste		
Demolition Waste		
Debris Waste		
Ash (See Note 2, Page 3)		
Other (from Page 3)		
SUBTOTALS		
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..

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
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

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.

Area with horizontal lines for text entry, currently blank.

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.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
Paper	2490.55
Metal	789.85
Plastic	16.15
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	3774.75 (P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons</u>
Waste Tires	487.50	
Used Oil	269.07	
Used Oil Filters	7.0	
Used Antifreeze	15.77	
Abandoned automobiles removed	971.51	
Batteries	208.41	
Sludge (composted)		
Electronics		
Tree Stumps (> 6" Diameter)		
Other (from Page 3)		
SUBTOTALS	2028.86	22.0
	(RECYCLED SRM)	(REUSED SRM)
Construction Waste		
Demolition Waste		
Debris Waste		
Ash (See Note 2, Page 3)		
Other (from Page 3)		
SUBTOTALS		
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.

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
Household	12,980.47
Commercial	8642.34
Institutional	1045.88
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.

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 qualify 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:

<u>Material</u>	<u>Tons Recycled</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total SRMs Recycled	_____ (to "Other" entry, Page 2)

SRMs, "other" material:

<u>Material</u>	<u>Tons Reused</u>
Asphalt	22.62
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total SRMs Reused	22.62 (to "Other" entry, Page 2)

The Virginia Annual Recycling Rate Report

Calendar Year 2004 Summary



November 2005

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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:

• <u>Richmond Area</u>	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
Campbell 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

¹ 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

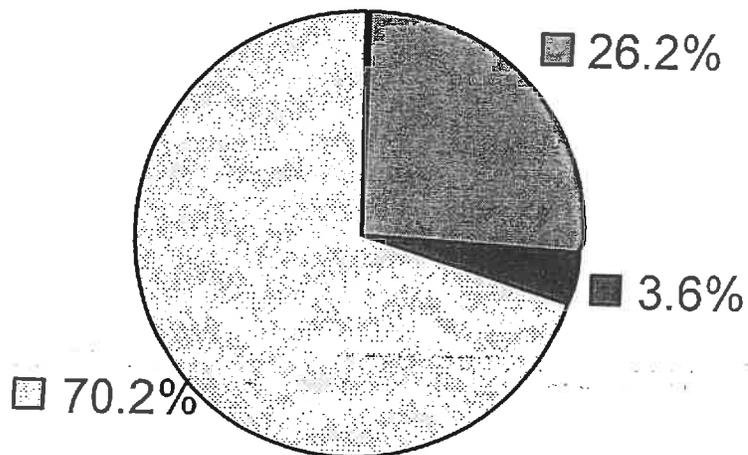
Under Recycling Action Plan to increase recycling to 25% by 2007.

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 IN VIRGINIA, CY 2004

Statewide Recycling Rate of 29.8%



■ Principle Recyclable Materials - paper, metal, plastic, glass, commingled, yard waste, waste wood, textiles

■ Supplemental Recyclable Materials - waste tires, used oil and filters, used antifreeze, auto bodies, batteries, composted sludges, electronics, tree stumps, other

■ MSW Disposed



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 Cumberland VA 23040
 Street/P.O. Box City State 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.

$$\frac{[P + S]}{[P + S + M]} \times 100 = \text{Recycling Rate}$$

$$\frac{[1631 + 92]}{[1631 + 92 + 3386]} \times 100$$

[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.

Scott Toepfer County Administrator 4.6.04
 Authorized Signature Title 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.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
Paper	922.69
Metal	108.48
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.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons*</u>
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)	
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.

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
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 Rate

Month	madison	hamilton	randolph	steps	recycling m	recycling h	recycling r	emannual
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 scouts		3385.83		15.19		239.86 0.28		28.9

- 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

1723
1723+3386=
1723
5109 =33.7%



**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 Farmville VA 23901
Street/P.O. Box City State 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.

$$\frac{[P + S]}{[P + S + M]} \times 100 = \text{Recycling Rate}$$

$$\frac{[2140.81 + 1098.21]}{[2140.81 + 1098.21 + 21,231.38]} \times 100$$

[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 S. Hampton County Administrator 4/5/2004
 Authorized Signature Title Date

Return completed form by April 30, 2004 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

For Calendar Year 2003

Locality Recycling Rate Report

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
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.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons*</u>
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	
Mud (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.

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
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.



**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.

$$\frac{235}{612} \times 100 = \text{Recycling Rate } 3234$$

$$\frac{[235.32 + 612.11]}{[235.32 + 612.11 + 324.008]} \times 100$$

[Total PRM (P) + Total SRM (S)] / [Total PRM (P) + Total SRM (S) + Total MSW (M)] X 100

= 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.

Sherry Swinson Ass't. Co. Administrator 4.30.03
 Authorized Signature Title 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.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
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.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons*</u>
Waste Tires	34.22	
Used Oil	5.55	
Used Oil Filters	8.27	
Used Antifreeze	228.40 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.

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
Household	
Commercial	
Institutional	
Other***	
TOTAL MSW DISPOSED	324,003 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.

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 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



**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 FARMVILLE VA 23901
 Street/P.O. Box City State 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:

$$\frac{[P + S]}{[P + S + M]} \times 100 = \text{Recycling Rate}$$

$$\frac{[\text{Total PRM (P)} + \text{Total SRM (S)}]}{[\text{Total PRM (P)} + \text{Total SRM (S)} + \text{Total MSW (M)}]} \times 100$$

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 Planning Director 4/29/02
 Authorized Signature Title 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.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
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.

<u>SRM TYPE</u>	<u>RECYCLED AMOUNT/Tons</u>	<u>REUSED* AMOUNT/Tons</u>
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.

<u>MSW TYPE</u>	<u>TOTAL AMOUNT DISPOSED (TONS)</u>
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 Farmville VA 23901
Street / P.O. Box City State 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	
Metal	<u>461.24</u>
Plastic	<u>107.15</u>
Glass	<u>18.34</u>
Yard waste (composted or mulched)	<u>23.06</u>
Wood	<u> </u>
Textiles	<u> </u>
Total PRM	+ <u>609.79 (A)</u>

INTERIM

LOCALITY RECYCLING RATE REPORT

II. Supplemental Recyclable Material (SRM)	Management Action	
	Recycled (Amount in tons)	Reused* (Amount in tons)
Tires	77.40	
Used Oil ✓		
Auto Bodies		
Construction Waste		
Demolition Waste		
Debris Waste		
Batteries ✓		622.36
Ash		
Sludge ✓		
Subtotals	+ 77.40	+ 622.36
Grand Total	++ 699.76	(B) ✓

SRM

*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 =

$$\frac{699.76 + 699.76}{19,234.62} \times 100 = \frac{6.8}{6.81} \%$$

I certify that I have personally examined and am familiar with the information submitted in this report 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.

Authorized Signature

Planning Director
Title

April 20, 2001
Date

Forms 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

69.12d

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	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
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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
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DATE REC'D 1-4-2007
 DEPT APPROVAL _____
 CO. ADMIN APPROVAL _____
 CHECK # 49800
 DATE PAID 1-9-07
 BUDGET CODE 11010-3600

Current	30	60	90	90+
684.00	0.00	0.00	0.00	0.00

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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.

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NOTICE OF PUBLIC HEARING

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

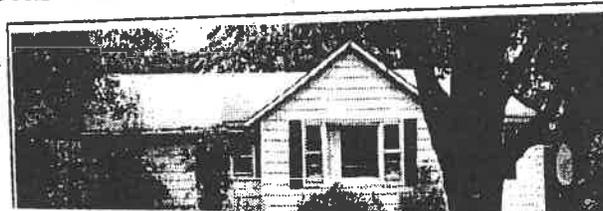
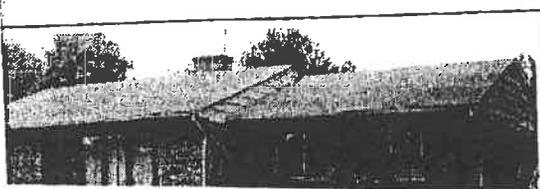
The Cumberland County Board of Supervisors will hold a public hearing, which may be continued or adjourned, as required under applicable law, on January 3, 2007 at 7:00 p.m. in the Circuit Courtroom of the Cumberland County Courthouse in connection with the intention of the Board of Supervisors to consider 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

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**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;

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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 Owens
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:

<u>Present:</u>	<u>Vote:</u>
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: Judy Overby
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.

It appears that the proposed solid waste management plan with Prince Edward County is an effort to make 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*:

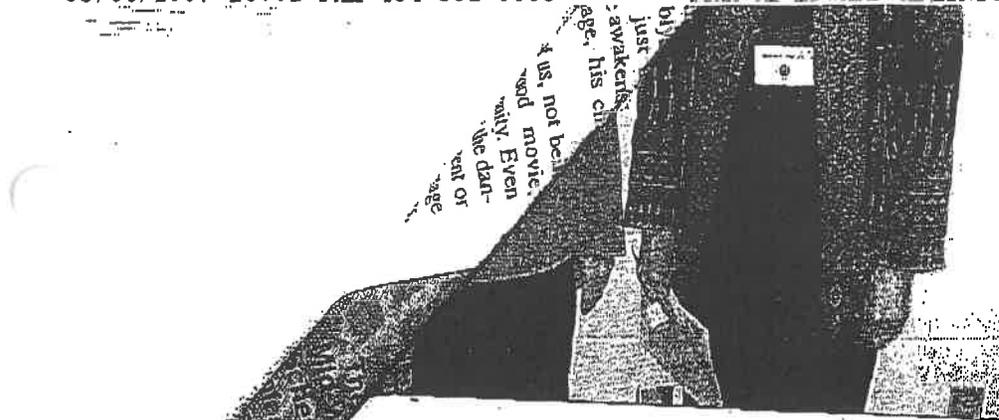
PUBLIC NOTICE

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

PRINCE EDWARD COUNTY BOARD OF SUPERVISORS
MISSION STATEMENT

TO REPRESENT ALL CITIZENS, PROVIDE LEADERSHIP, CREATE VISION AND SET POLICY TO ACCOMPLISH EFFECTIVE CHANGE, PLANNED GROWTH AND PROVIDE ESSENTIAL SERVICES WHILE MAINTAINING AND ENHANCING THE QUALITY OF LIFE IN PRINCE EDWARD COUNTY.



Bette Harris (right) introduced the January speaker for the Woman'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.

19/2
9/2
9/2
9/2

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Did you know colorectal cancer is one of the most common if found early enough forms of cancer. A colorectal screening is recommended starting at age 50. If you have a family history of colorectal cancer, you should have colonoscopies early.

Help increase awareness among friends and in your community. If you are 50 or older, talk to your doctor about a colonoscopy.

For more information visit our website at [www.colorectal.org](#)

It could

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

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

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	Balance Forward				627.00
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	BILLED IN ERROR, BELONGED TO HEALTH DEPT				
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DATE REC'D 1-4-2007
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NOTICE OF PUBLIC HEARING

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

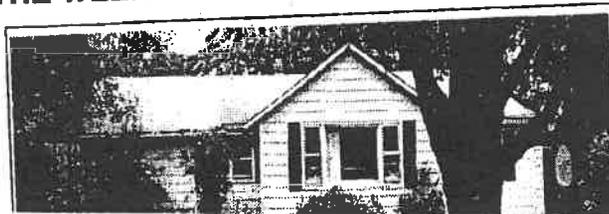
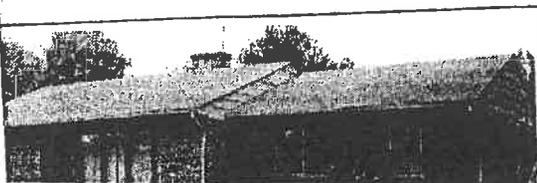
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Judy Ownby, County Administrator
By Order of the Cumberland County Board of Supervisors

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"FEATURED LISTINGS OF THE WEEK"



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

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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.

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

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WHEREAS, the Board has reviewed and considered the amendments;

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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	

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

Dated: 1/5/07

Attested: Judy Twink
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:

<u>Present:</u>	<u>Vote:</u>
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: Judy Turley
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 make 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

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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.



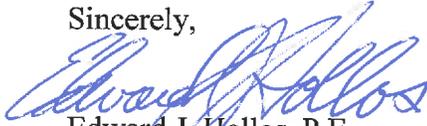
Mr. Daniel S. Gwinner
P.N. 90094.23
June 29, 2007
Page 2

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,

A handwritten signature in blue ink, appearing to read "Edward J. Hollos".

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

ORIGINAL

DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 629 East Main Street, Richmond, Virginia 23219

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COPY

Ed H

David K. Paylor
Director

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

L. Preston Bryant, Jr.
Secretary of Natural Resources

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