

MADISON COUNTY & TOWN OF MADISON SOLID WASTE MANAGEMENT PLAN

2019-2039 PLANNING PERIOD



Original Plan Adopted June 2004

Five-Year Review & Update Completed June 2019

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1.0 INTRODUCTION

1.1 SUMMARY

The purpose of this revised Solid Waste Management Plan (SWMP) is to meet the requirements of 9VAC20-130-10 *et seq.*, which are the Regulations for Solid Waste Management Planning, Amendment 1, effective August 1, 2001. The Plan outlines the long-term strategy and goals set by Madison County and the Town of Madison concerning solid waste management.

1.2 PLAN GOALS

The goals of this SWMP include coordinating the efforts of Madison County and the Town of Madison regarding solid waste management and planning. The Plan will develop objectives for the management of solid wastes, including, at a minimum, all of the following elements: source reduction, reuse, recycling, resource recovery (waste-to-energy), and landfilling. In addition, the Plan will demonstrate how the goals and objectives for solid waste management will be met, as well as include milestones for the implementation of these goals, as applicable.

2.0 PROJECTIONS AND WASTE QUANTITIES

2.1 SWMP COVERAGE AREA

The coverage area of this SWMP is Madison County and the Town of Madison. A County Map is provided in Appendix I. Madison County is located in the north-central Piedmont region of Virginia, approximately 94 miles northwest of Richmond, 87 miles southwest of Washington, D.C., and 28 miles north of Charlottesville. Madison County and the Town of Madison are members of the Rappahannock-Rapidan Regional Commission, which also serves the Counties of Culpeper, Fauquier, Orange, and Rappahannock, as well as the Towns of Culpeper, Gordonsville, Orange, Remington, and Warrenton. The majority of the residential growth in the County is centered around the existing Town, small communities, and along primary transportation routes. Primary transportation routes through the County include United States (U.S.) Highways 15 and 29, and State Highways 230 and 231.

Major employers in the County include Plow & Hearth LLC, Madison County Government & Schools, Woodberry Forest School, Autumn Corporation, and Mountainview Nursing Home.

2.2 POPULATION DATA AND PROJECTIONS

. Table 1 below summarizes the population data and projections for the 20-year planning period, sourced from the United States Census and Weldon Cooper Center. Generally, the total population for the County is projected to gradually increase through the planning period.

General information regarding size, location, and general information for the County and the Town is provided below.

Table 1: Population Estimates and Projections								
	Census	Estimated (Census)	Projections (Weldon Cooper Center)					
Year	2010	2018	2020	2025	2030	2035	2040	2045
Madison County	13,308	13,295	12,889	13,036	13,182	13,235	13,288	13,341
Town of Madison	229	243	N/A	N/A	N/A	N/A	N/A	N/A

2.2.1 MADISON COUNTY

Madison County is located in the north-central Piedmont region of Virginia and is bordered by Page County to the northwest, Rappahannock County to the northeast, Culpeper County to the east, Orange County to the southeast, and Greene County to the southwest. The County is approximately 354 square miles in size and includes the Town of Madison. The County is governed by a five-member elected board of supervisors, a County administrator, and five elected Constitutional officers.

Land uses throughout the County consist primarily of agriculture and croplands, pasture, forested land, open space, rural communities, and commercial and industrial uses. Approximately 40,000 acres of Madison County are part of the Shenandoah National Park and the Rapidan Wildlife Management Area, providing scenic appeal and a variety of recreational activities to the residents and visitors of the County.

The County is also home to many historic landmarks and structures, such as the Madison County Court House, the Madison County Library (also known as the Thomas W. Lewis House), the Eagle House, the James City Battlefield, and the Jack's Shop Battlefield.

2.2.2 TOWN OF MADISON

The Town of Madison is centrally located in the County and serves as the County seat and commercial center. The Town is approximately 0.22 square miles in size and is governed by a Town Mayor and a four-member Town Council.

2.3 COMPOSITION OF SOLID WASTE

All of the solid waste collected within the County is currently transported to the Madison County Transfer Station for transport to the Maplewood Recycling and Waste Disposal Facility in Amelia County, Virginia for disposal. Table 2 below reflects waste stream volumes recorded at the transfer station. Construction/Demolition/Debris materials account for 23% of the total waste, with lesser amounts for vegetative/yard waste, tires, and white goods. Annual Solid Waste Information and Assessment Reports submitted to the DEQ for the years 2014 to 2018 are included in Appendix III.

Waste Type	2018	2017	2016	2015	2014
Municipal Solid Waste	4,243.46	4,228.29	4,313.29	3,666.92	3,860.81
Construction/ Demolition/ Debris	1,648.52	1,311.14	1,192.81	1,523.62	1,318.35
Vegetative/ Yard Waste	220.06	91.87	158.74	110.42	93.77
Tires	14.13	9.56	22.48	18.01	17.78
White Goods	51.87	57.4	57.09		49.28
Other Waste				17.07	
TOTAL	6,178.04	5,698.26	5,744.41	5,336.04	5,339.99

2.4 CURRENT MARKET CONDITIONS

Madison County's ability to provide recycling services to its residents and businesses is directly related to the overall value of those collected recyclables. Madison County is continually investigating markets and providing recycling services to residents and businesses. Currently, the County recycles and/or reuses paper, cardboard, aluminum, mixed metal, phone books, glass, tires, white goods, and waste wood. The current markets in the region allow these materials to be cost-effectively collected and transferred to a processing facility for recycling and/or reuse.

Based on local and regional markets, it is currently not cost-effective for the County to recycle and/or reuse other recyclable materials, such as plastic, textiles, electronics, used oil, and batteries. Madison County will continue to investigate local and regional markets to determine if cost-effectively recycling these materials becomes available.

2.5 SOLID WASTE GENERATION AND FLOW PATTERNS

Currently, solid waste is accepted from residences, businesses, and industries at the County transfer station and recycling center, through the County's roving recycling trailer, or through independent contracts with private contractors.

2.5.1 TYPES OF WASTE GENERATED

Generally, the waste generated and handled within the County consists of MSW and primary recyclable material (PRM). PRM includes paper, cardboard, metal, plastic, glass, composted or mulched yard waste, and chipped or mulched waste wood. Waste collected at the Transfer Station for the past five years is shown in Table 2.

2.5.2 WASTE STREAM PROJECTIONS

Solid waste generation projections were calculated based on per day per capita rates estimated from the waste quantities recorded at the Madison County Transfer Station averaged over the five-year period between 2014 and 2018. Descriptions of the projection methodology for each of the major types of waste generated in the County are presented in the sections below.

2.5.2.1 Solid Waste

The Environmental Protection Agency (EPA) Office of Solid Waste and Emergency Response publishes per capita MSW rates for the U.S. in its annual *Advancing Sustainable Materials Management* report. In the most recent report (2015 figures), the per day per capita MSW generation estimate for the U.S. was 4.5 pounds, without removing recycling. If recycling and composting are removed, the per day per capita MSW generation in 2015 was 2.9 pounds.

In order to determine if the average waste generation rate for the U.S. is applicable for the County, the published per day per capita value was compared to the estimated tons per day per capita based on scale house records at the transfer station for the five-year period between 2014 and 2018. These calculations are presented in Appendix III and found that the average total waste/person/day in the planning region to be 1.12E-03 tons per person per day, or 2.34 pounds per person per day.

This generation rate is approximately 19 percent lower than the U.S. average. Projections of the Madison County MSW generation for the planning period were calculated using the Madison County waste generation rate of 2.34 pounds per day person. To calculate the total annual and cumulative waste generation quantities, the waste generation rate was then applied to the annual population projections for Madison County.

As presented in Appendix III, it is estimated that approximately 112,391 tons of waste will be generated in the County during the planning period. These totals are further broken down in the following sections

2.5.2.1.1 Municipal Solid Waste

The Environmental Protection Agency (EPA) annual *Advancing Sustainable Materials Management* report defines Municipal Solid Waste as items that consumers throw away, including packaging, food, yard trimmings, furniture, electronics, tires, and appliances, with items generally sourced from residential, commercial, and institutional locations such as businesses, schools and hospitals. Madison County does not typically separate its MSW records by residential, commercial and institutional waste. Thus, these categories, along with yard/vegetative waste, tires, and white goods are grouped into a single Municipal Solid Waste category for planning purposes.

Future MSW quantities were calculated based on the five-year average of total waste collected at the Madison County Transfer Station between 2014 and 2018 and calculations are included in Appendix III. Between 2014 and 2018, MSW made up approximately 75.28 percent of total waste generated at the Transfer Station. Based on that percentage and the total waste generation projects in section 2.5.2.1, the planning region is anticipated to generate 84,608 tons of MSW during the 20-year period.

2.5.2.1.2 Industrial Waste

Since industrial waste is not collected separately in the County from MSW and

almost all of the non-hazardous industrial material generated in the County will be hauled to the County transfer station or a private landfill located outside of the County, the industrial waste projections are included in the MSW projections presented in Section 2.5.2.1.1.

2.5.2.1.3 Construction Demolition Debris

Madison County and Town collect Construction Demolition Debris (CDD) at the Madison County Transfer Station. All CDD is sent off-site for treatment, storage or disposal. Future CDD waste projections for the 20-year planning period are included in the total MSW calculations in section 2.5.2.1 and are noted separately in Appendix III.

2.5.2.1.4 Household Hazardous Waste

Since household hazardous waste (HHW) is exempt from coverage under the hazardous waste regulations, the majority of residents dispose of these materials with the rest of their household garbage. The actual quantities of HHW are typically very small in comparison to general MSW; therefore, the projections of HHW are included in the MSW projections.

2.5.2.2 Recyclable Materials

The recyclable materials projections were estimated using the per capita generation rate calculated from the 2016 Recycling Rate report for Madison County and future population projections. For the purpose of this evaluation, recyclable materials were assumed to include paper, metal, plastic, glass, and OCC. The 2016 report found an 18.6 percent recycling rate in the County. Based on future waste generation trends in section 2.5.2.1, it is estimated that 20,904 tons on recyclable materials will be generated in the planning region during the 20-year planning period.

3.0 SOLID WASTE MANAGEMENT SYSTEM

3.1 COLLECTION

3.1.1 RESIDENTIAL WASTE AND RECYCLING

Residential waste and recyclables are collected in the County and the Town in two ways: (1) direct transport to the County transfer station and (2) curbside collection through private contracts. A description of the residential collection for the County and the Town is presented below.

3.1.1.1 Madison County

Madison County does not provide curbside residential waste or recycling collection service to its residents. County residents must deliver their waste to the Madison County Transfer Station or independently contract with a private hauler to provide curbside collection services.

The County's Recycling and Environmental Council operates a recycling center at the Madison County Transfer Station, as well as a roving recycling trailer. The roving recycling trailer moves around the County and is placed at designated spots, such as the Madison Food World, Madison IGA, and the old Greystone store, for residents who live in isolated areas and cannot always deliver their recyclables to the transfer station recycling center. The schedule for the roving recycling trailer is published weekly in the Madison Eagle.

3.1.1.2 Town of Madison

The Town of Madison does not provide curbside residential waste or recycling collection services to its residents. Town residents must deliver their waste to the Madison County Transfer Station or independently contract with a private hauler to provide curbside collection services. Town residents may also utilize the recycling center and roving recycling trailer operated by the County. The Town of Madison relies 100 percent on the County provided waste services.

3.1.2 *COMMERCIAL INSTITUTIONS AND INDUSTRIES*

Madison County and the Town of Madison also do not provide collection services to businesses and industries. Commercial and industrial waste and recyclables are collected through independent contracts with private haulers. All of the waste collected from businesses, commercial institutions, and industries within the County are delivered to the Madison County Transfer Station for transport to a permitted disposal facility. Commercial haulers are assessed a permit fee by Madison County.

3.2 *DISPOSAL*

There are no active solid waste disposal facilities located in the County. A list of the solid waste facilities in the County that have at one time received a permit from the Department of Environmental Quality (DEQ) is provided in Appendix V.

3.2.1 *MUNICIPAL SOLID WASTE*

As mentioned above, currently there are no permitted active MSW disposal facilities in the County. Prior to 1999, Madison County operated a sanitary landfill at the same location as the transfer station on Route 662. In mid-1999, the County closed the sanitary landfill and constructed a transfer station, which continues in operation at the present time.

The transfer station is operated under contract with a private firm and is currently open Monday, Tuesday, Thursday, and Friday from 8:30 a.m. to 5 p.m., and on Saturday from 8:30 a.m. to 4 p.m. The transfer station is closed on Wednesdays and designated state holidays. Waste collected at the transfer station is transported to an out-of-County sanitary landfill. The County plans to utilize private firms for the transfer station operation and waste disposal throughout the planning period.

Table 3 below presents the remaining capacity for six Municipal Solid Waste landfills currently permitted in Virginia that would allow waste from Madison County. The expected remaining permitted life estimates listed are based on the information provided

in the DEQ's annual report entitled *Solid Waste Managed in Virginia During Calendar Year 2017*.

Landfill	Distance (miles)	Owner/Manager	Expected Remaining Permitted Life (Years, 2017)
Maplewood Recycling & Waste Disposal*	89.2	Waste Management	149.7
King George Landfill & Recycling Center	67.0	Waste Management	30.9
Orange County Sanitary Landfill	20.5	Orange County	34.0
Battle Creek Landfill	41.9	Page County	59.5
Rockingham County Landfill	42.3	Rockingham County	2.1
Old Dominion Landfill	87.0	Republic	34.5

3.2.2 CONSTRUCTION DEMOLITION WASTE

There are currently no permitted CDD facilities in the County. As mentioned previously, the Madison County Transfer Station accepts CDD for disposal.

3.2.3 INDUSTRIAL WASTE

There are currently no active industrial waste facilities permitted in the County. Thus, industrial waste generated within the County that is acceptable at the Madison County Transfer Station is delivered to the transfer station for transport to a permitted disposal facility. Waste that is not authorized at the transfer station is sent to a facility outside of the County, which is permitted to accept those wastes.

3.3 RECYCLING

As mentioned previously, Madison County and the Town of Madison accept recyclable materials from their residents at the transfer station recycling center and at the roving recycling trailer. Recyclables, such as mixed paper, newspaper, cardboard, aluminum, steel cans, glass, white goods, used oil, used antifreeze, waste wood, and tires are recycled by residents, commercial institutions, businesses, and industries in the County. The general composition of the recyclables collected within the County in 2016 is presented in Table 4. Waste wood that is delivered to the transfer station is ground into mulch at the closed landfill using a tub grinder.

Principal Recyclable Materials (PRM)	Tons Recycled (2016)	Percentage
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Paper	533	51.25%
Metal	57	5.48%
Commingled	335	32.21%
Waste Wood	108	10.38%
Waste Tires	7	0.67%
Total	1,040	

3.4 WASTE TREATMENT

Currently, Madison County accepts wood waste and small quantities of land clearing debris at the transfer station from local residents and businesses. This material is stockpiled separately and chipped on a periodic basis into mulch. The mulch is then given away to local residents of the County and the Town or reused by the County. The County plans to continue this process throughout planning period.

No additional waste treatment processes are currently proposed during the 20-year planning period; however, the County will continue to evaluate waste treatment processes throughout the planning period.

3.5 PUBLIC EDUCATION

Information about solid waste management programs and recycling is provided to residents and businesses through local information programs. The County and the Town utilize brochures, newsletters, radio, local cable programs, and newspapers to inform citizens of upcoming programs and changes in services.

As mentioned previously, the County's Recycling and Environmental Council utilizes the County website, as well as the Madison Eagle to educate residents regarding recycling. The Council informs residents of the types of materials that can be recycled and/or reused, and publishes the locations of the roving recycling trailer each week. In addition, residents, businesses, and civic groups clean-up roadsides throughout the County through the Adopt-A-Highway program. The County will also continue to utilize the public educational programs developed and implemented by the Rappahannock Rapidan Regional Commission.

3.6 PUBLIC/PRIVATE PARTNERSHIPS

As mentioned in the previous sections, there are many partnerships between the County, residents and businesses, and private companies. Many residents in the County and the Town of Madison contract independently with private haulers to provide curbside collection of residential waste. In addition, the majority of the businesses and industries in the County and the Town contract independently with private haulers to provide waste collection and hauling services to the transfer station.

The County plans to utilize a private firm under contract to operate the transfer station and export of waste from the County for the entirety of the planning period. The County and/or the Town may seek and enter into additional public/private partnerships on an as-needed basis in the future to continue to provide cost-effective solid waste management services to their residents.

3.7 SOLID WASTE ARCHIVE

Records and documentation for the Madison County Transfer Station, owned by the County and operated by WM, are stored at the County Administrator's office, and have been submitted to the Director of the DEQ or his/her designee. In addition, a record of the waste quantities collected and delivered to the transfer station for handling, is kept on-file at the County Administrator's office. The County submits annual waste summary reports, as required by 9V AC20-130-165 and 9VAC20-80-II5, to the DEQ by March 31st of each year.

Records and documentation for the two closed solid waste landfills owned by Madison County are also stored at the County Administrator's office. The DEQ has been informed of the associated contact and archive location for these facilities. Any new solid waste disposal sites will be documented and a copy will be submitted to the Director of the DEQ or his/her designee.

3.8 EVALUATION OF SOLID WASTE COLLECTION SYSTEMS

Each year, Madison County evaluates the cost of providing solid waste collection and disposal services to local residents against the funding available through general revenue bonds. Based on these evaluations, the County determines what solid waste services it can cost-effectively provide to local residents and businesses.

4.0 HIERARCHY

The Virginia Waste Management Board Regulations for Solid Waste Management Planning, Amendment I, 9 VAC 20-130-10 *et seq.*, require the Plan to develop comprehensive and integrated solid waste management plans that consider, at a minimum, all components of the following hierarchy: (1) source reduction; (2) reuse; (3) recycling, (4) resource recovery (waste- to-energy); (5) incineration; and, (6) landfilling. A general description of each of the components is presented in the sections below. Implementation of each component of the hierarchy is presented in Section 6.0 of the Plan.

4.1 SOURCE REDUCTION

The purpose of source reduction is to reduce the amount of waste generated at the source, or using less materials at the point of generation. Source reduction may mean a change in a method of packaging or a change in a process design to eliminate or reduce waste. Examples of ways an industry or business may reduce the amounts of waste they generate include reducing office paper by duplexing (double-siding) reports and issuing documents electronically; improving product design to use less materials; redesigning packaging to eliminate excess material; and/or purchasing more products in bulk quantities.

Unfortunately, there is currently only limited data available within the County indicating the efficiency of manufacturing and business operations to quantify waste minimization. In addition, standardized methods for quantifying source reduction activities are not readily available at this time.

4.2 REUSE

Reuse is the use of a solid waste material that has been separated from the waste material, without processing or changing the material's form, for the same or another end use. The

reuse of products prolongs their useful life, thereby postponing the disposal or recycling of these materials. Reuse, as defined by the EPA's Waste Wise program, is the repair, refurbishing, washing, or recovery of used products, appliances, furniture, and building materials for use again or by another.

Reuse activities in the Region include the resale of used items through thrift shops, yard/garage sales, flea markets, and the reuse of items donated through charities, such as Goodwill.

4.3 RECYCLING

Recycling is the process of separating a given waste material from the waste stream and processing it so that it is used again as a raw material for a product, which may or may not be similar to the original product. Recycling involves the separation of a waste material from the waste stream, collection, processing, marketing, sale, and utilization as a raw material.

There are several positive aspects to recycling. Recycling removes products from the waste stream resulting in less waste disposed; less waste disposed conserves landfill space. Recycling also helps in the conservation of natural resources by utilizing materials that have already been processed, rather than using virgin materials. Based on information published by the EPA, products containing recycled products generally perform as well as their virgin counterparts, and in some instances better.

4.4 WASTE-TO-ENERGY, INCINERATION

A resource recovery system, or a waste-to-energy system, is defined as a solid waste management system that provides for the collection, separation, recycling, and recovery of energy or solid wastes, including the disposal of non-recoverable waste residues. Incineration is defined as the controlled combustion of solid waste for disposal. It is different from resource recovery in that no usable product is generated from the combustion of the waste. The sole purpose of incineration is to burn the waste to reduce the quantity to be managed or disposed.

The two major types of resource recovery facilities are the refuse derived fuel (RDF) facility and the mass burn facility. RDF systems utilize a separation process that divides material that is combustible from material that is non-combustible. The non-combustible material may be collected and sold as a recyclable or reusable product. The combustible material is processed into pellets or fluff (RDF) and sold or used by the manufacturer as a fuel for combustion. Revenue results from the sale of both the non-combustible material, such as aluminum and steel, as well as the RDF itself. Non-combustible materials that cannot be sold or reused are landfilled.

Mass burn facilities do not utilize a separation process. All municipal solid waste is directly fed into the incinerator, which burns the waste at a high temperature. The resulting heat may be used to generate steam or electricity. It should be noted the mass burn of municipal solid waste results in the production of both air emissions and ash. The air emissions are regulated by state and federal agencies. The ash must be landfilled as a waste. This being the case, the locality must still plan for the disposal of a waste product, although the amount of waste to be disposed will be greatly decreased.

4.5 WASTE TRANSFER/LANDFILLING

Generally, a landfill is a facility that is permitted to accept waste materials for the placement and burial of that waste. As mentioned previously, currently there are no active public solid waste disposal facilities located in the County. Waste transfer and disposal at an out-of-County landfill is currently the most economically feasible of the solid waste disposal alternatives. The County will continue to investigate economically and environmentally safe alternatives, as they become available.

5.0 OBJECTIVES

The primary objective of this SWMP is to coordinate the efforts of Madison County and the Town of Madison regarding solid waste management and planning. To accomplish this goal, the County will continue to operate their Solid Waste Departments and the County will continue to develop and implement budgets and funding strategies.

A second objective of the SWMP is to enlist public participation for solid waste management. To accomplish this objective, the County will continue to develop education programs to increase public awareness; continue to provide support to groups participating in litter control programs; and, continue to provide information to residents regarding locations of recyclable collection areas and the materials accepted at the areas.

The third and final objective of this SWMP is to maintain regulatory compliance with the Virginia Solid Waste Management Planning Regulations, Virginia Solid Waste Management Regulations, and additional state regulations, federal regulations, and local ordinances. This will be done by consistently providing regular updates and necessary amendments, as required by 9VAC20-130-10 *et seq.*

6.0 PLAN IMPLEMENTATION

A description of how each component of the hierarchy is currently implemented in the County and a summary of future component implementation is presented in the following sections. An implementation schedule of activities to be performed by the County during the next 20 years, concentrating on increasing the County's recycle rate, is presented below.

In general, the selected hierarchy for the management of solid waste in Madison County and the Town of Madison is the promotion of source reduction and reuse, recycling, and waste transfer to a permitted disposal facility.

Table 5: Implementation Activities	
Years	Activity
2019-2038	Encourage residents and businesses to actively recycle and implement a voluntary reporting system designed to monitor the wastes reused and recycled by businesses and industries located in the County
2019-2038	Identify methods to increase reuse and recycling of collected materials, including local markets
2019-2038	Evaluate and implement options to expand

	existing recycling centers and/or determine the location of potential additional facilities
2019-2038	Evaluate emerging technologies designed to promote source reduction, reuse and recycling

6.1 SOURCE REDUCTION

As mentioned previously, source reduction reduces the amount of materials that enter the waste stream and provides a cost-effective alternative to waste disposal. However, currently, there is limited data available in the County quantifying source reduction, and there are no standardized methods that can easily be implemented to quantify source reduction.

During the planning period, Madison County will continue to identify and evaluate regional or local programs that utilize and encourage practices that minimize waste generation. The County currently promotes public awareness using their website and newsletters to County residents regarding the benefits of purchasing recycled and/or reused materials. The County will also continue to promote to consumers the benefits of purchasing items in bulk and with less packaging. Through the public awareness program, the County will achieve source reduction at the consumer level. Further investigation is needed to fully understand and quantify source reduction programs that are occurring within the County at the local businesses and industries.

6.2 REUSE

Reuse typically occurs on an industry level and cannot be controlled at this time by the County and/or Town. In addition, there is limited data available on the quantities of materials in the County that are reused on an industrial level, and there are no standardized methods that can easily be implemented to quantify reuse.

During the planning period, Madison County will continue to identify and evaluate regional or local programs that utilize and encourage practices that reuse materials. The County will continue to provide the educational programs and materials to the residents, businesses, and industries in the County that promote the benefits of reusing materials through donations and/or packaging.

6.3 RECYCLING

The County submits a recycling rate report to the Department of Environmental Quality every four years. The recycling rate report may assist the County in determining the need for additional recycling programs. Since the County has a population density of fewer than 100 residents per square mile, Madison County must meet a 15% recycling rate under the Code of Virginia § 10.1-1411.D.2.

The recycling rate is defined as the sum of the quantity of Principal Recyclable Material (PRM) and Supplemental Recyclable Material (SRM) recycled divided by the sum of the quantity of PRM recycled, SRM recycled, and total MSW disposed, multiplied by 100, as shown in the following equation:

$$\text{Total PRM} + \text{Total SRM}$$

$$\frac{\text{Total PRM} + \text{Total SRM} + \text{Total MSW Disposed}}{\text{Total PRM} + \text{Total SRM} + \text{Total MSW Disposed}} \times 100$$

Madison County’s most recent Recycling Rate Report was submitted to the DEQ for calendar year 2016 and calculates a recycling rate of 18.6% which is above the required rate. The 2016 Recycling Rate Report is included in Appendix VI.

Currently, the County is successfully operating a residential recycling program through the recycling center at the transfer station and the roving recycling trailer. This program, with the addition of commercial and industrial recycling, will be expanded to achieve the State mandated goal.

The County will continue with its residential recycling services and investigate adding designated locations to the roving recycling trailer stops. The County will also investigate expanding their recycling services to items such as electronics, plastic, and automobile batteries.

In addition, Madison County will encourage businesses to actively recycle, and implement a voluntary reporting system designed to more accurately monitor the wastes reused and recycled by the businesses and industries located throughout the County. Through this program, the businesses and industries will be requested to provide the County with solid waste generation and recycling levels each month or every quarter. On-going participation by the businesses and industries is necessary to ensure that the database compiled by the County is complete and accurate.

6.4 WASTE-TO-ENERGY/INCINERATION

Currently, a waste-to-energy or incineration facility is not a financially advantageous option to the County due to the low quantities of waste generated in the County. Madison County and the Town of Madison may investigate participating in a waste-to-energy or incineration facility, if so desired in the future.

6.5 WASTE TRANSFER/LANDFILLING

As a result of costs and the amount of waste generated in the County, other than recycling, waste transfer to a permitted disposal facility is currently the most economically feasible of the solid waste disposal alternatives available to Madison County. Therefore, waste transfer has been selected as the primary component of the hierarchy to provide solid waste management within the County.

7.0 FUNDING AND CONSTRUCTION SCHEDULES

7.1 FUNDING

Madison County and the Town of Madison fund their solid waste management services through general revenue funds. Since the County is not projecting any major changes, other than promoting recycling and implementing a reporting program, the overall annual solid waste budget is not projected to change significantly over the next 20 years.

Services that are provided to residents, businesses, or industries by private haulers are directly

billed by those private contractors. Commercial contractors are required by the County to obtain a permit indicating the customers to whom they are supplying waste collection services. Madison County charges a permit fee to those private contractors. In addition, the County is investigating charging a tipping fee for roll-offs containing construction demolition debris and wood waste that are delivered to the transfer station. The tipping fee may be a flat rate per roll-off that is directly billed to the contractor. The facility is required to assure all transfer station closure construction costs with the DEQ through a general reserve fund.

7.2 CONSTRUCTION SCHEDULES

As mentioned above, the Madison County Transfer Station is anticipated to remain in operation throughout the 20-year planning period, as necessary to provide waste collection services and management to the residents and businesses located in Madison County. Therefore, there are currently no construction schedules planned with regards to solid waste management in Madison County or the Town of Madison.

8.0 PUBLIC PARTICIPATION

8.1 PUBLIC/PRIVATE PARTNERSHIPS

On a voluntary basis, commercial and business establishments will be encouraged by the County to submit information each month or every quarter on the quantities of waste generated and recycled. With this information, the generation concentrations of waste types can be more accurately determined. In addition, potential expansions in the solid waste services provided to County businesses and industries can be investigated.

8.2 PUBLIC HEARINGS

For the initial Solid Waste Management Plan, a public hearing was held by Madison County on Tuesday, June 15, 2004, in accordance with the public participation requirements outlined in 9VAC20-130-130. A copy of the notice published in the local and regional newspapers, and the minutes of the public hearing are provided in Appendix VIII.

Copies of the Solid Waste Management Plan were posted at the County Administrator's office for review prior to the public hearing. In addition, selected members of the County's Board of Supervisors and the Recycling and Environmental Council reviewed the plan. There were no comments received from the public or the Recycling and Environmental Council; however, comments were received from the Board of Supervisors, and are noted in the minutes of the public hearing provided in Appendix VIII.

8.3 RESOLUTIONS

A copy of the Madison County Board of Supervisors resolution adopting the Solid Waste Management Plan is provided in Appendix IX. In addition, a copy of the resolution from the Town of Madison adopting the plan is provided in Appendix IX.

9.0 SUMMARY

The purpose of this Plan is to provide Madison County and the Town of Madison with goals for

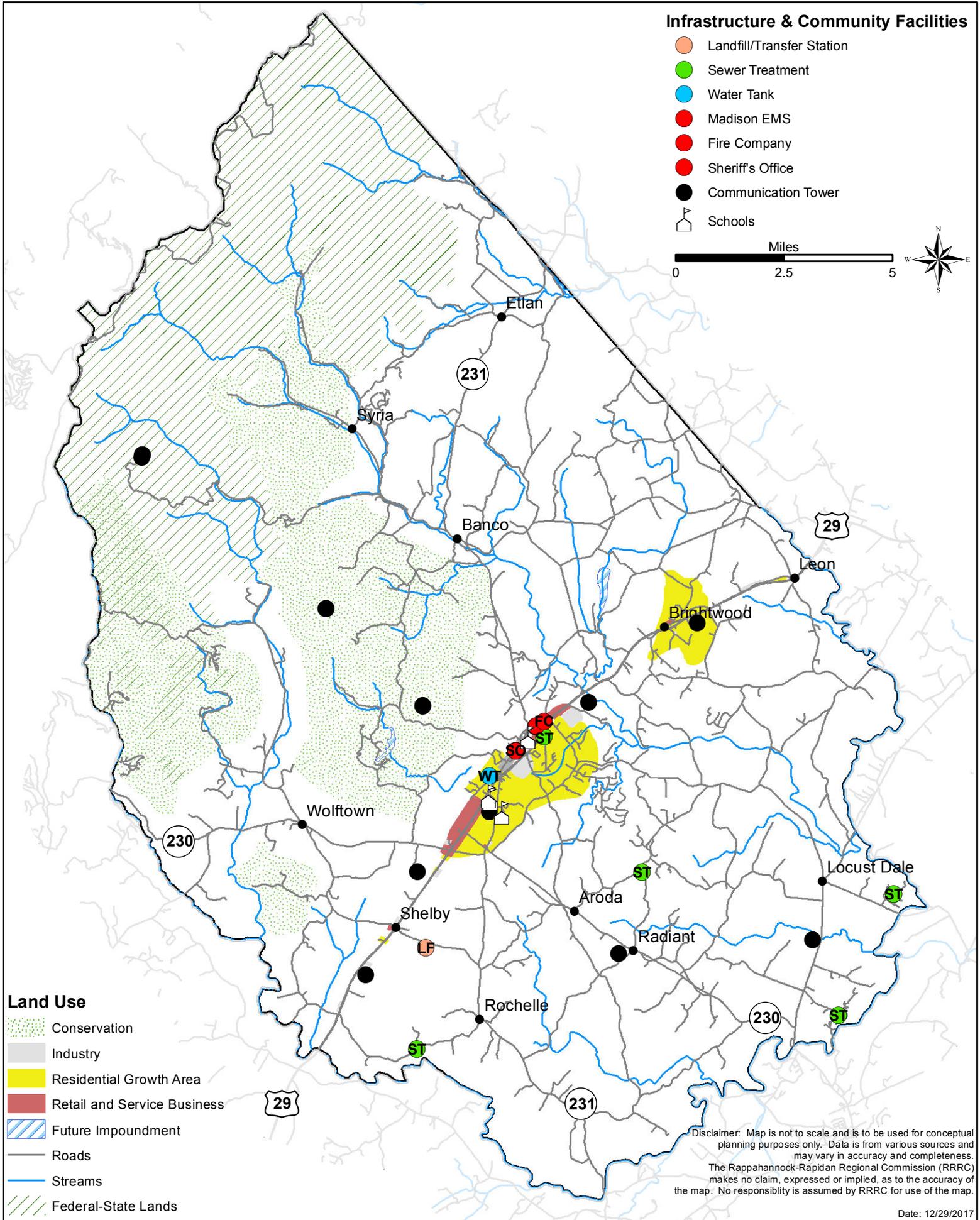
the long-term management of solid waste. For the solid waste management plan to succeed, the full participation of all of the residents, businesses, and industries of the County must be obtained.

The County will continue a public awareness program designed to promote recycling and reuse to local residents, as well as provide education materials to residents and businesses educating them on the benefits of recycling. The County will continue to provide a transfer station that is environmentally safe and economically feasible while investigating plans for an alternate method of handling its municipal solid waste. Finally, the Plan will be updated, as necessary, to maintain regulatory compliance and consistency with the actual services and needs of the County.

Appendix I

**MAP OF SOLID WASTE PLANNING UNIT
MADISON COUNTY & TOWN OF MADISON**

Madison County Land Use Plan



Appendix II
ANNUAL SOLID WASTE INFORMATION & ASSESSMENT REPORTS
2014-2018



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SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25
 Note: Submission deadline is March 31st for the reporting period. Today's Date: 03/31/2016

Annual Reporting Period		Madison County Landfill and Transfer Station		3		Date Last Submitted		04/01/2015		4		Annual Reporting Period		2014	
1	Facility Name														
2	Permit Number	PBR154		3	Middle Initial	C	Last Name	Hoch		6	Preparer's Telephone Number	(540)948-7500			
5	Preparer's First Name	Ernest		An email address will be used to contact you in case of questions about this form submission											
7	Preparer's Email Address	swamer@chacompanies.com													
8	Contact First Name	Ernest		Contact Last Name		Hoch		Contact Email Address		ehoch@madisonco.virginia.gov		Contact Phone		(540)948-7500	
	Contact Address	P.O Box 705		Contact Email Address		VA		Zip Code		22727		Zip Ext.			
	City	Madison		State		VA		Cubic Yards		9B		Expected Remaining Permitted Life			
9A and 9B	Landfills only	9A		Remaining Permitted Capacity		Only enter 10 digits (format: 9999999999)		Landfills not using active scales -		Enter the total amount landfilled in cubic yards (sum of all jurisdictions)		11A		Statement of Economic benefits submitted? <input type="radio"/> Yes <input checked="" type="radio"/> No	
10	Does facility use active scales?	<input checked="" type="radio"/> Yes <input type="radio"/> No		VA ash amount landfilled measured in <input checked="" type="radio"/> Tons or <input type="radio"/> Cubic Yards											
11	Originating Jurisdiction	VA - Virginia													
12	Facilities landfilling VA incineration ash : Received from/Permit (No./FacilityName)	PBR173 , US Central Intelligence Agency - George Bush Ctrt PBR197 , US Department of Defense - Pentagon PBR500 , Wheelabrator Portsmouth Inc - Waste to Energy Fac PBR503 , John C Nordt Company Incorporated PBR513 , City of Harrisonburg - Resource Recovery Facility PBR545 , Covanta Fairfax Incorporated PBR551 , Covanta Alexandria Arlington Incorporated SWP297 , Hampton City - NASA Steam Plant													

Waste amounts measured in : Tons or Cubic Yards

Waste Management - Report Amount by weight or volume
 (Reporting units must be consistent for all fields of a particular waste type).

Waste Type	Total Amount of Waste Received(a)	Mined Materials(b)	On-site Management of Waste						Sent Off-Site to be (f)		Stored On-Site (j)				
			Landfilled (c)	Recycled (d)	Composted (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period			
13	Municipal Solid Waste	3860.8100								338.2300	3522.5800				
14	Construction /Demolition/Debris	1318.3500									1318.3500				
15	Industrial Waste														
16	Regulated Medical Waste														
17	Vegetative/Yard Waste	93.7700											51.9500	145.7200	
18	Incineration Ash														
19	Sludge														

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SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25
Note: Submission deadline is March 31st for the reporting period. Today's Date: 03/31/2016

◀ Annual Reporting Period ▶												
1	Facility Name			Madison County Landfill and Transfer Station								
2	Permit Number			PBR154			3	Date Last Submitted		03/29/2016		
4	Annual Reporting Period			2015								
5	Preparer's First Name		James		Middle Initial	J		Last Name		Sanville		
6	Preparer's Telephone Number			(804)834-8								
7	Preparer's Email Address			jsanville@wm.com			An email address will be used to contact you in case of questions about this form submission					
Has there been a change to the Annual Fee Billing Contact, Address or Telephone Number? <input type="radio"/> Yes <input checked="" type="radio"/> No <i>Please select Yes or No.</i>												
8	Contact First Name		Ernest			Contact Last Name		Hoch			Contact Phone	
	Contact Address		P.O Box 705			Contact Email Address		ehoch@madisonco.virginia.g				
	City		Madison		State	VA		Zip Code	22727		Zip Ext.	
9A and 9B Landfills only		9A	Remaining Permitted Capacity <i>Only enter 10 digits (format:9999999999).</i>				Cubic Yards	9B	Expected Remaining Permitted Life			
10	Does facility use active scales? <input checked="" type="radio"/> Yes <input type="radio"/> No						Landfills not using active scales - <i>Enter the total amount landfilled in cubic yards (sum of all jurisdictions)</i>					
11	Originating Jurisdiction			VA - Virginia			11A Statement of Economic benefits submitted? <input type="radio"/> Yes <input checked="" type="radio"/> No					
12 Facilities landfilling VA incineration ash : Received from(Permit No, FacilityName)						VA ash amount landfilled measured in <input checked="" type="radio"/> Tons or <input type="radio"/> Cubic Yards						
PBR173 , US Central Intelligence Agency - George Bush Cntr												
PBR197 , US Department of Defense - Pentagon												
PBR500 , Wheelabrator Portsmouth Inc - Waste to Energy Fac												
PBR503 , John C Nordt Company Incorporated												
PBR545 , Covanta Fairfax Incorporated												
PBR551 , Covanta Alexandria Arlington Incorporated												
SWP297 , Hampton City - NASA Steam Plant												

Waste amounts measured in : Tons or Cubic Yards

Waste Type	Waste Management - Report Amount by weight or volume (Reporting units must be consistent for all fields of a particular waste type).												
	Total Amount of Waste Received (a)	Mined Materials (b)	On-site Management of Waste						Sent Off-Site to be:(i)		Stored On-Site:(j)		
			Landfilled (c)	Recycled (d)	Composted (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period	
13 Municipal Solid Waste	3666.9200									337.9700	3328.9500		
14 Construction /Demolition/Debris	1523.6200										1523.6200		
15 Industrial Waste													
16 Regulated Medical Waste													
17 Vegetative/Yard Waste	110.4200									80.2200		145.7200	175.9200

18	Incineration Ash											
19	Sludge											
20	Tires	18.0100							10.4000		6.4600	14.0700
21	White Goods											
22	Friable Asbestos											
23	Petroleum Contaminated Soil											
24	Enter a total of all other wastes on this line; list other types and their amounts in the comments area Other Waste	17.0700							17.0700			
25	Total <i>Do not enter values.</i>	5336.0400							445.6600	4852.5700	152.1800	189.9900

Facility Comments:

Other = Comix recyclables. Inbound customers have comix recyclables and MSW. Weighed as MSW. Customers deposit MSW and Comix in designated dumping areas.

DEQ Comments:

◀◀ Annual Reporting Period ▶▶

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SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25
 Note: Submission deadline is March 31st for the reporting period. Today's Date: 03/24/2017

Annual Reporting Period																								
1	Facility Name			Madison County Landfill and Transfer Station																				
2	Permit Number		PBR154		3	Date Last Submitted		03/24/2017		4	Annual Reporting Period		2016											
5	Preparer's First Name		Sandra		Middle Initial		M		Last Name		Warner		Suffix											
6	Preparer's Telephone Number		(540)552-5548																					
7	Preparer's Email Address			swarner@chacompanies.com									An email address will be used to contact you in case of questions about this form submission											
8	Has there been a change to the Annual Fee Billing Contact, Address or Telephone Number? <input checked="" type="radio"/> Yes <input type="radio"/> No <small>Please select Yes or No.</small>																							
	Contact First Name			Daniel			Contact Last Name			Campbell			Contact Phone			(540)948-7500								
	Contact Address			P.O Box 705; 302 Thrift Rd			Contact Email Address			dcampbell@madisonco.virgii														
	City			Madison			State			VA			Zip Code			22727			Zip Ext.					
9A and 9B Landfills only	9A	Remaining Permitted Capacity				Cubic Yards				9B	Expected Remaining Permitted Life													
					Only enter 10 digits (format:999999999).																			
10	Does facility use active scales? <input checked="" type="radio"/> Yes <input type="radio"/> No				Landfills not using active scales - Enter the total amount landfilled in cubic yards (sum of all jurisdictions)																			
11	Originating Jurisdiction				VA - Virginia				11A	Statement of Economic benefits submitted? <input type="radio"/> Yes <input checked="" type="radio"/> No														
12	Facilities landfilling VA incineration ash : Received from(Permit No, FacilityName)				VA ash amount landfilled measured in <input checked="" type="radio"/> Tons or <input type="radio"/> Cubic Yards																			
	PBR173 , US Central Intelligence Agency - George Bush Cntr																							
	PBR197 , US Department of Defense - Pentagon																							
	PBR500 , Wheelabrator Portsmouth Inc - Waste to Energy Fac																							
	PBR503 , John C Nordt Company Incorporated																							
	PBR545 , Covanta Fairfax Incorporated																							
	PBR551 , Covanta Alexandria Arlington Incorporated																							
	SWP297 , Hampton City - NASA Steam Plant																							

Waste amounts measured in : Tons or Cubic Yards

Waste Type	Waste Management - Report Amount by weight or volume (Reporting units must be consistent for all fields of a particular waste type).												
	Total Amount of Waste Received(a)	Mined Materials (b)	On-site Management of Waste						Sent Off-Site to be:(i)		Stored On-Site:(j)		
			Landfilled (c)	Recycled (d)	Composted (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period	
13 Municipal Solid Waste	4313.2900									334.9200	3978.3700		
14 Construction /Demolition/Debris	1192.8100										1192.8100		
15 Industrial Waste													
16 Regulated Medical Waste													
17 Vegetative/Yard Waste	158.7400								107.8600			175.9200	226.8000
18 Incineration Ash													
19 Sludge													
20 Tires	22.4800									7.1400		14.0700	29.3800
21 White Goods	57.0900									57.0900			
22 Friable Asbestos													
23 Petroleum Contaminated Soil													
24 <small>Enter a total of all other wastes on this line; list other types and their amounts in the comments area</small> Other Waste													
25 <small>Total</small> <small>Do not enter values.</small>	5744.4100								107.8600	399.1500	5171.1800	189.9900	256.1800

Facility Comments:

DEQ Comments:

Clear

Submit

◀◀ Annual Reporting Period ▶▶

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SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25

Note: Submission deadline is March 31st for the reporting period. Today's Date: 04/02/2018

◀ Annual Reporting Period ▶														
1	Facility Name				Madison County Landfill and Transfer Station				3	Date Last Submitted	04/02/2018	4	Annual Reporting Period	2017
2	Permit Number				PBR154									
5	Preparer's First Name	Sandra	Middle Initial	M	Last Name	Warner	Suffix		6	Preparer's Telephone Number	(540)552-554			
7	Preparer's Email Address				swarner@chacompanies.com				An email address will be used to contact you in case of questions about this form submission					
Has there been a change to the Annual Fee Billing Contact, Address or Telephone Number? <input checked="" type="radio"/> Yes <input type="radio"/> No Please select Yes or No.														
8	Contact First Name		Jack		Contact Last Name		Hobbs		Contact Phone		(540)948-7500			
	Contact Address				P.O Box 705; 302 Thrift Rd				Contact Email Address				jhobbs@madisonco.virginia.gov	
	City		Madison		State		VA		Zip Code		22727			
9A and 9B Landfills only	9A	Remaining Permitted Capacity				Cubic Yards		9B	Expected Remaining Permitted Life					
		Only enter 10 digits (format:9999999999).												
10	Does facility use active scales? <input checked="" type="radio"/> Yes <input type="radio"/> No				Landfills not using active scales - Enter the total amount landfilled in cubic yards (sum of all jurisdictions)									
11	Originating Jurisdiction				VA - Virginia				11A	Statement of Economic benefits submitted? <input type="radio"/> Yes <input checked="" type="radio"/> No				
12	Facilities landfilling VA incineration ash : Received from(Permit No, FacilityName)				VA ash amount landfilled measured in <input checked="" type="radio"/> Tons or <input type="radio"/> Cubic Yards									
	PBR173 , US Central Intelligence Agency - George Bush Cntr													
	PBR197 , US Department of Defense - Pentagon													
	PBR500 , Wheelabrator Portsmouth Inc - Waste to Energy Fac													
	PBR503 , John C Nordt Company Incorporated													
	PBR545 , Covanta Fairfax Incorporated													
	PBR551 , Covanta Alexandria Arlington Incorporated													
	SWP297 , Hampton City - NASA Steam Plant													

Waste amounts measured in :

Tons or Cubic Yards

Waste Management - Report Amount by weight or volume (Reporting units must be consistent for all fields of a particular waste type).

Waste Type	Total Amount of Waste Received (a)	Mined Materials (b)	On-site Management of Waste					Sent Off-Site to be:(i)		Stored On-Site:(j)		
			Landfilled (c)	Recycled (d)	Composted (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period
13 Municipal Solid Waste	4228.2900								335.1900	3893.1000		
14 Construction /Demolition/Debris	1311.1400									1311.1400		
15 Industrial Waste												
16 Regulated Medical Waste												
17 Vegetative/Yard Waste	91.8700							233.4400			226.8000	85.2300
18 Incineration Ash												
19 Sludge												
20 Tires	9.5580								5.3100			4.2480

21	White Goods	57.4000							57.4000			
22	Friable Asbestos											
23	Petroleum Contaminated Soil											
24	Enter a total of all other wastes on this line; list other types and their amounts in the comments area Other Waste											
25	Total <small>Do not enter values.</small>	5698.2580						233.4400	397.9000	5204.2400	226.8000	89.4780

Facility Comments:

The facility was not storing any tires on-site at the end of 2016 as previously reported.

DEQ Comments:

Waste totals need to zero out for each year. 2016 is either incorrect or 2017. The missing tires (29.38 tons {58,000lbs}) must be accounted for.

Clear Submit

◀ Annual Reporting Period ▶

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SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25

1. Facility Name: Madison County Landfill and Transfer Station			
2. Permit Number: PBR154		3. Date Submitted: 3/19/2019	
5. Preparer's Name: Sandra Warner		6. Preparer's Telephone Number: (540) 552-5548	
7. Preparer's Email: swarner@chacompanies.com			
8. Has there been a change to the Annual Fee Billing Contact, Address, or telephone number? NO			
Contact's Name: Jack Hobbs		Contact's Phone: (540) 948-7500	
Address: P.O Box 705; 302 Thrift Rd		Email: jhobbs@madisonco.virginia.gov	
City: Madison		State: VA	Zip: 22727
9A and 9B Landfills only	9A	Remaining Permitted Capacity 0 Cubic Yards	
	9B	Expected Remaining Permitted Life Years	
10. Does this facility use active scales? Yes		Landfills not using active scales - enter the total amount landfilled in cubic yards (sum of all jurisdictions)	
11. Originating Jurisdiction VA - Virginia		Statement of Economic Benefits submitted? No	
12. Facilities landfilling VA incineration ash		Use the supplemental form to provide the facility from which ash was received and the amount.	

Waste amounts measured in TONS

	Waste Type	Total Amount of Waste Received (a)	Mined Materials (b)	On-site Management of Waste						Sent Off-site to be: (i)		Stored On-Site (j)	
				Landfilled (c)	Recycled (d)	Composed (e)	Incinerated (f)	Mulched (g)	Other (h)	Recycled	Treated, Stored, Disposed	Beginning of Reporting Period	End of Reporting Period
13	Municipal Solid Waste	4243.46	0	0	0	0	0	0	0	337.49	3905.97	0	0
14	Construction/Demolition/Debris	1648.52	0	0	0	0	0	0	0	0	1648.54	0	0
15	Industrial Waste	0	0	0	0	0	0	0	0	0	0	0	0
16	Regulated Medical Waste	0	0	0	0	0	0	0	0	0	0	0	0
17	Vegetative/Yard Waste	220.06	0	0	0	0	0	0	192.70	0	0	85.23	112.59
18	Incineration Ash	0	0	0	0	0	0	0	0	0	0	0	0
19	Sludge	0	0	0	0	0	0	0	0	0	0	0	0
20	Tires	14.13	0	0	0	0	0	0	0	16.51	0	4,2480	1,8680
21	White Goods	51.87	0	0	0	0	0	0	0	51.87	0	0	0
22	Friable Asbestos	0	0	0	0	0	0	0	0	0	0	0	0
23	Petroleum Contaminated Soil	0	0	0	0	0	0	0	0	0	0	0	0
24	Other Waste	0	0	0	0	0	0	0	0	0	0	0	0
25	Total	6178.04	0	0	0	0	0	0	192.70	405.87	5554.51	89.4780	114.4580

Facility Comments

--

SUPPLEMENTAL SOLID WASTE INFORMATION AND ASSESSMENT PROGRAM REPORTING TABLE - FORM DEQ 50-25

Only those facilities that landfill Virginia incineration ash provide this information.

Permit No, Facility Name	Ash Amount	Unit of Measure
--------------------------	------------	-----------------

Appendix III
SOLID WASTE GENERATION PROJECTIONS

Madison County Town Planning Period Waste Generation Projections

5-year Waste Generation average	5,659	
5-year population average	13,204	
5-year average Waste/person/day	0.001174	1.12E-03
5-year percent MSW	75.28%	
5-year percent CDD	24.72%	
2016 Recycling Rate	18.60%	

Year	Total Population	Annual Waste Needs (tons)	Cumulative Waste Needs (tons)	75.28		24.72		18.60%	
				Annual MSW Needs (tons)	Cumulative MSW Needs (tons)	Annual CDD Needs (tons)	Cumulative CDD Needs (tons)	Recycling (tons)	Recycling Cumulative (tons)
2019	13,079	5604.48	5604.48	4219.05	4219.05	1385.43	1385.43	1042.43	1042.43
2020	12,880	5519.21	11123.69	4154.86	8373.91	1364.35	2749.78	1026.57	2069.01
2021	12,911	5532.58	16656.27	4164.92	12538.84	1367.65	4117.43	1029.06	3098.07
2022	12,942	5545.95	22202.22	4174.99	16713.83	1370.96	5488.39	1031.55	4129.61
2023	12,974	5559.32	27761.53	4185.05	20898.88	1374.26	6862.65	1034.03	5163.65
2024	13,005	5572.69	33334.22	4195.12	25094.00	1377.57	8240.22	1036.52	6200.17
2025	13,036	5586.06	38920.28	4205.18	29299.19	1380.87	9621.09	1039.01	7239.17
2026	13,065	5598.57	44518.85	4214.60	33513.79	1383.97	11005.06	1041.33	8280.51
2027	13,094	5611.08	50129.93	4224.02	37737.81	1387.06	12392.12	1043.66	9324.17
2028	13,124	5623.59	55753.52	4233.44	41971.25	1390.15	13782.27	1045.99	10370.16
2029	13,153	5636.11	61389.63	4242.86	46214.11	1393.25	15175.52	1048.32	11418.47
2030	13,182	5648.62	67038.25	4252.28	50466.39	1396.34	16571.85	1050.64	12469.11
2031	13,193	5653.16	72691.41	4255.70	54722.09	1397.46	17969.32	1051.49	13520.60
2032	13,203	5657.70	78349.11	4259.12	58981.21	1398.58	19367.90	1052.33	14572.93
2033	13,214	5662.25	84011.36	4262.54	63243.75	1399.71	20767.61	1053.18	15626.11
2034	13,224	5666.79	89678.14	4265.96	67509.71	1400.83	22168.44	1054.02	16680.13
2035	13,235	5671.33	95349.47	4269.38	71779.08	1401.95	23570.39	1054.87	17735.00
2036	13,246	5675.87	101025.35	4272.80	76051.88	1403.08	24973.47	1055.71	18790.71
2037	13,256	5680.41	106705.76	4276.22	80328.10	1404.20	26377.66	1056.56	19847.27
2038	13,267	5684.96	112390.72	4279.64	84607.73	1405.32	27782.99	1057.40	20904.67

20-Year Planning Period

20-Year Planning Period

Appendix IV
LIST OF SOLID WASTE FACILITIES

SOLID WASTE FACILITIES IN MADISON COUNTY

Facility Name	Permit Number	Type of Facility	Status	County/City	Year Permitted	Mail Address	Telephone
Madison County Sanitary Landfill	026	Sanitary	Closed	Madison	1971	Madison, County, P.O. Box 705, Madison, VA 22727	540-948-6700
Madison County Sanitary Landfill	442	Sanitary	Closed	Madison	1984	Madison, County, P.O. Box 705, Madison, VA 22727	540-948-6700
Madison County Transfer Station	PBR154	Transfer Station	Active	Madison	1999	Madison, County, P.O. Box 705, Madison, VA 22727	540-948-6700
Madison County Health Department	PBR294	RMW (S)	Unknown	Madison	-	P.O. Box 67, Madison, VA 22727	540-672-1291

Legend:
 RMW (S) = Regulated Medical Waste Steam Sterilization
 Sanitary = Sanitary Landfill

Appendix V
2016 Recycling Rate Report



**Commonwealth of Virginia
Locality Recycling Rate Report
Calendar Year 2016**

DEQ Form 50-30 (Revised December 2016)

Email completed form to:

virginia.butler@deq.virginia.gov

Solid Waste Planning Unit Information (Enter in Rows 4 - 14.)

Solid Waste Planning Unit Madison County
Preparer's Name Sandy Warner, CPG
Preparer's Title Project Manager
Address Line 1 1901 Innovation Drive, Suite 2100
Address Line 2 Blacksburg, VA 24060
Address Line 3
Phone Number (540)552-5548
Email address swarner@chacompanies.com
Date 3/31/2017

Total Population for SWPU	13,308	Population Density for SWPU	42
Mandated Recycling Rate (15% or 25% will auto calculate)	15%	Reporting Frequency	Every 4 years

Enter tons (whole numbers only) in the yellow highlighted boxes for PRMs and MSW Disposed. Totals will auto calculate.

Principal Recyclable Materials (PRM)

PRM Material	Tons recycled
Paper	533
Metal	57
Plastic	
Glass	
Commingled	335
Yard Waste	
Waste Wood	108
Textiles	
Waste Tires	7
Used Oil	
Used Oil Filters	
Used Antifreeze	
Batteries	
Electronics	
Inoperative Motor Vehicles	
Other (Specify)	

MSW Disposed

Household Waste	4,552
Commercial Waste	
Institutional Waste	
Other	
Total MSW	4,552

Other (Specify)	
Total PRM in Tons	1,040

Enter facility information and material in columns A and B. Enter tons (whole numbers only) in the yellow highlighted boxes. Totals will auto calculate.

Credits Recycling Residue

Facility/Operation	Material	Tons
Total		0

Credits Solid Waste Reused

Reuse Method	Material	Tons
Total		0

Credits Non-MSW recycled

Recycling Method	Material	Tons
		0
Total		0

CREDITS TOTAL 0

Credit for Source Reduction Program (SRP)

SRP does not apply enter "0"

SRP does apply enter "2"

0%

Recycling rates auto calculate.

Base Recycling Rate 18.6% Base Rate
 Adjusted Recycling Rate 18.6% Rate with credits
 Adjusted Recycling Rate + SRP 18.6% Credits + SRP
 Credit Max Allowed Base +5 23.6%
Final Recycle Rate 18.6% Final Recycle Rate

Sources for PRM Data Example: Permit #112, County Landfill	Permit #: PBR154, Madison County Transfer Station
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Other Sources for collected data <i>Example: Walmart/Target</i>	Orange Madison Coop, Wise Services and Recycling
Comments:	
Additional Contacts: Dan Campbell (dcampbell@madisonco.virginia.gov) and Roger Berry (rberry@madisonco.virginia.Gov)	

Appendix VI

PUBLIC HEARING NOTICE AND MEETING MINUTES

**MADISON COUNTY PUBLIC HEARING
ON THE PROPOSED SOLID WASTE MANAGEMENT PLAN**

Tuesday, June 15, 2004, 7:30 p.m.

In accordance with 9VAC20-230-10 et seq. of the Virginia Administrative Code, the Madison County Board of Supervisors is holding a public hearing at 7:30 p.m. on Tuesday, June 15, 2004, at the Madison County Administrative Center Auditorium in Madison, Virginia.

The purpose of the public hearing is to receive public comments on the proposed revised Solid Waste Management Plan for the County prior to submittal to the Virginia Department of Environmental Quality. The revised Solid Waste Management Plan develops objectives for the management of solid wastes, such as source reduction, reuse, recycling, resource recovery, and land filling. The County's solid waste program includes recycling and waste transfer to a permitted landfill.

Written comments may be submitted to Mr. Stephen L. Utz, County Administrator, Madison County, P.O. Box 705, Madison, Virginia 22727. The public will be given the opportunity to voice verbal comments at the public hearing on June 15, 2004.

The revised Solid Waste Management Plan for Madison County may be examined at the Office of the County Administrator, located in the Administration Center, 414 N. Main Street, Madison, Virginia between the hours of 8:30 a.m. to 4:30 p.m. from Tuesday, June 8, 2004, through Tuesday, June 15, 2004. Please contact Mr. Stephen L. Utz at (540) 948-6700 with any questions.

All requests for reasonable accommodations due to a disability should be made to the Office of the County Administrator by calling (540) 948-6700, with at least a 48-hour notice. All interested parties are encouraged to attend.

By: Stephen Utz, County Administrator

Advertise: Madison County Eagle - June 3, 2004

MEETING #26

At a Public Hearing on the Budget of the Madison County Board of Supervisors held on June 15, 2004 at 7:30 P.M. in the Madison County Administrative Center Auditorium:

PRESENT: David C. Jones, Chairman
James L. Arrington, Vice-Chairman
James R. Hale, Member
William L. Crigler, Member
Eddie L. Dean, Member
Stephen L. Utz, County Administrator
County Attorney, V. R. Shackelford, III

Chairman David C. Jones called the meeting to order and stated two (2) public hearings will be held tonight. The first public hearing will be adoption and appropriation of the 2004-2005 Budget for Madison County. The second public hearing will be the solid waste plan for Madison County.

Chairman, David C. Jones gave a brief summary of the budget process and stated there would be no local tax increases due to additional money being received from the State of Virginia. He stated that the Board would like to go on record thanking Senator Edd Houck and Delegate Ed Scott for their efforts in providing additional funding for the counties. Since Madison County only bills for local taxes once a year, we can wait for budget projections for revenues before we adopt tax rates. This year has been very difficult due to the late adoption of the State of Virginia Budget.

Eddie L. Dean stated that he and his wife Anne are employed by the Madison County School System.

Chairman, David C. Jones open the floor for discussion with the following people making comments:

Khalil Hassan asked about the increased cost for solid waste disposal.

Caroline Watts, Clerk of Circuit Court, thanked the Board of Supervisors for their support of her office.

With no other comments from the public, on motion of James L. Arrington, seconded by James R. Hale, the Board adopted the 2004-2005 Budget for Madison County totaling \$26,649,516.00, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

On motion of William L. Crigler, seconded by James R. Hale, the Board approved the maximum expenditures of the Madison County School Board for \$15,319,841.00 and the general fund transfer to the school system not to exceed \$6,642,395.00, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

The Board then took action to adopt the tax rates for 2004-2005. On motion of James R. Hale, seconded by Eddie L. Dean, the board adopted the following tax rates, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

**ORDINANCE TO FIX TAX LEVELS
FOR THE TAX YEAR BEGINNING
January 1, 2004**

BE IT ORDAINED by the Madison County Board of Supervisors that tax levies for the County of Madison be, and they are hereby established for the tax year beginning January 2004, as follows:

I. REAL ESTATE as defined by Section 58.1-300 of the Code of Virginia, 1950 as amended, including public service corporation real estate as defined by Section 58.1-2606 of the Code of Virginia, 1950, as amended, and manufactured homes as defined by Section 36-85.3 of the Code of Virginia, 1950, as amended: \$0.76 per \$100 of assessed valuation based on 100% of market value (subject to Madison County land use tax ordinance if applicable).

II. TANGIBLE PERSONAL PROPERTY as defined by Section 58.1-3000 and classified by Section 58.1-3500 through 58.1-3503 of the Code of Virginia, 1950, as amended, including public service corporation tangible personal property as defined by Section 58.1-2606 of the Code of Virginia, 1950, as amended: \$8.70 per \$100 assessed valuation based on 20% of market value.

III. MACHINERY AND TOOLS as defined by Section 58.1-3507 of the Code of Virginia, 1950, as amended: \$5.50 per \$100 of assessed valuation based on 20% of market value.

IV. MERCHANTS CAPITAL as defined by Section 58.1-3510 of the Code of Virginia, 1950, as amended: \$4.30 per \$100 assessed valuation based on 20% of market value.

ADOPTED this 15th day of June, 2004.

David C. Jones, Chairman
Madison County Board of Supervisors

	Aye	Nay	Abstain
David C. Jones	<u> x </u>	<u> </u>	<u> </u>
James R. Hale	<u> x </u>	<u> </u>	<u> </u>
James L. Arrington	<u> x </u>	<u> </u>	<u> </u>
William L. Crigler	<u> x </u>	<u> </u>	<u> </u>
Eddie L. Dean	<u> x </u>	<u> </u>	<u> </u>

Stephen L. Utz
Madison County Administrator

County Administrator, Stephen L. Utz stated that since Board member, Eddie L. Dean had prepared new salary scales and they are included in the new budget for County and Constitutional Officers and their employees which take effect on July 1, 2004, the Board should adopt the new salary scale.

On motion of Eddie L. Dean, seconded by James L. Arrington, the Board adopted new salary schedules effective July 1, 2004, with the following vote recorded:

- David C. Jones Aye
- James L. Arrington Aye
- James R. Hale Aye
- William L. Crigler Aye
- Eddie L. Dean Aye

County Attorney, V. R. Shackelford, III reported that he had updated the County vehicle decal ordinances to comply with the Code of Virginia.

After public discussion, on motion of James R. Hale, seconded by William L. Crigler, the Board adopted the motor vehicle ordinance, with the following vote recorded:

- David C. Jones Aye
- James L. Arrington Aye

James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

ORDINANCE

BE IT ORDAINED by the Board of Supervisors of Madison County, Virginia that an Ordinance for the Levy and Assessment ...of a License Tax, on Motor Vehicles....., adopted on March 30, 1977, and amended on June 8, 1982 and June 15, 1989, be amended further to read as follows:

AN ORDINANCE TO PROVIDE FOR THE LEVY AND ASSESSMENT BY THE BOARD OF SUPERVISORS OF MADISON COUNTY, VIRGINIA, OF A LICENSE TAX ON MOTOR VEHICLES, TRAILERS AND SEMITRAILERS, AND PUNISHMENT FOR FAILURE TO COMPLY.

Section 1. Imposition.

(a) Pursuant to Virginia Code Section 46.2-752 (1950, as amended), the Board of Supervisors of Madison County, Virginia, hereby imposes a license tax upon all motor vehicles, trailers, and semi trailers, subject to state registration licensure and normally garaged, stored or parked in Madison County, Virginia.

(b) If it cannot be determined where a motor vehicle, trailer and semi trailer is normally garaged, stored, or parked, the situs shall be the domicile of its owner. If the owner of the motor vehicle is a full-time student attending an institution of higher education, the situs be the domicile of such student, provided the student has presented sufficient evidence that he has paid a personal property tax on the motor vehicle in his domicile.

Section 2. Exempted vehicles.

The provisions of this ordinance shall not apply to any vehicle, trailer or semi trailer exempted by the provisions of Sections 46.2-662 through 46.2-683 and Section 46.2-755 of the Code of Virginia, as amended.

Section 3. Application for license; issuance of decal.

(a) Any person or business entity owning or having in possession a motor vehicle, trailer, semi trailer, shall apply for, procure and display a county license for each motor vehicle, trailer or semi trailer. Application for the license herein prescribed shall be made to the Treasurer of Madison County, agent, or agents, on forms providing for the

semi trailer for which the license is to be issued. The license tax shall be paid to the Treasurer of Madison County, agent, or agents. Upon payment of the license tax, the County treasurer, agent, or agents that may be designated by the Board of Supervisors shall issue to the applicant a license decal for such motor vehicle, trailer, or semi trailer.

(b) Pursuant to Section 46.2-752(1) of the Code of Virginia, as amended, purchasers of new or used motor vehicles shall be allowed a ten day grace period, beginning with the date of purchase, during which to comply with this ordinance.

(c) Failure to display the license decal shall be considered a violation of this ordinance even though the license tax has been paid. It shall be unlawful for any person to whom a license decal is issued to give, loan, rent, sell, assign or transfer such decal to another or to otherwise permit another to use in any manner such decal.

Section 4. License not to be issued until ownership established and personal property taxes paid.

(a) No motor vehicle, trailer or semi trailer taxable under the provisions of this ordinance shall be licensed unless and until the applicant has produced satisfactory evidence of ownership. Satisfactory evidence of ownership shall include a current valid vehicle registration or title from the state department of motor vehicles or other indicia of ownership as determined by the Treasurer of Madison County, agent or agents.

(b) No motor vehicle, trailer or semi trailer taxable under the provisions of this ordinance shall be licensed unless and until the applicant has produced satisfactory evidence that all personal property taxes on the motor vehicle, trailer or semi trailer to be licensed have been paid and produced satisfactory evidence that any delinquent motor vehicle, trailer or semi trailer personal property taxes owing have been paid which have been properly assessed or assessable against the applicant.

Section 5. Duration.

The license year under terms of this ordinance shall commence on the first day of April and shall expire on the thirty-first day of March of the following calendar year.

Section 6. License Taxes - Amounts.

(a) The annual license tax shall be Twenty-five Dollars (\$25.00) on each licensed motor vehicle.

(b) The annual license tax shall be Ten Dollars (\$10.00) on each licensed motorcycle and motor scooter.

(c) The annual license tax shall be Seven Dollars and Fifty Cents (\$7.50) on each licensed trailer or semi trailer.

Section 7. License Taxes – Disposition.

All fees collected pursuant to this ordinance shall be deposited by the Treasurer of Madison County in the general revenue fund of Madison County. All fees collected by any agent or agents shall be deposited with the Treasurer of Madison County within seven (7) days from date of collection.

Section 8. Proration.

The license tax imposed herein shall be subject to proration on a monthly basis.

Section 9. Display of License Decal.

Pursuant to Section 46.2-1052 of the Code of Virginia, as amended, the size of the license decal shall comply with regulations promulgated by the Superintendent of the Department of State Police, and such decal shall be affixed on the windshield at a location designated by the Superintendent. On vehicles not equipped with windshields, any decal issued pursuant to this ordinance shall be affixed to such other location as the Sheriff of Madison County shall direct.

Section 10. Transfer of license decal.

Any owner who sells or transfers a registered motor vehicle, trailer or semi trailer previously registered under the provisions of this ordinance, may have the license decal and the registration number assigned to another vehicle, trailer or semi trailer which is titled in such owner's name. Application for such transfer shall provide for the name and address of the applicant and a description of the motor vehicle, trailer or semi trailer for which license has been issued, as well as a description of the motor vehicle, trailer or semi trailer for which such license is to be transferred. Such application shall be accompanied by a fee of Two Dollars (\$2.00).

Section 11. Duplicate license decal.

(a) In the event that any license decal issued under the provisions of this ordinance shall be lost or mutilated, or shall become illegible, the person or business entity who is entitled thereto shall make immediate application for an obtain a duplicate or substitute therefore upon furnishing information of such fact satisfactory to the Treasurer of Madison County, agent, or agents and upon payment of a fee of Two Dollars (\$2.00).

(b) Upon moving into Madison County with a current county license issued by another county in Virginia, a Madison County duplicate sticker may be obtained upon payment of a fee of Two Dollars (\$2.00).

(c) Any person or business entity moving into Madison County and already having obtained a valid license decal from another locality in Virginia shall not be required to obtain a Madison County decal until such time as the current valid decal shall expire.

Section 12. Disabled Veterans.

A license shall be issued free of charge for any vehicle owned by persons, or spouses of persons, qualified to receive special license plates under Section 46.2-739 of the Code of Virginia, as amended, so long as the licensee has fully complied with Section 4 of this ordinance.

Section 13. Penalty.

Any person or business firm who violates any of the provisions of this ordinance shall be guilty of a Class 4 misdemeanor and be punished by a fine not exceeding \$20.00. payable upon presentation of satisfactory evidence that the required license tax has been paid and decal obtained.

Section 14. Miscellaneous.

If any section, phrase, or part of this ordinance should, for any reason, be held invalid by a court of competent jurisdiction, such decision shall not affect the remainder of this ordinance, and each remaining section, clause, or part thereof shall continue in full force and effect.

ADOPTED this 15th day of June, 2004.

David C. Jones, Chairman
Madison County Board of Supervisors

	Aye	Nay	Abstain
David C. Jones	<u> X </u>	_____	_____
James R. Hale	<u> X </u>	_____	_____
James L. Arrington	<u> X </u>	_____	_____
William L. Crigler	<u> X </u>	_____	_____
Eddie L. Dean	<u> X </u>	_____	_____

Stephen L. Utz
Madison County Administrator

Chairman, David C. Jones stated the Board would conduct a public hearing on the disposal of Solid Waste for Madison County.

Becky Ward from Joyce Engineering stated she has prepared the Plan to meet solid waste planning for the County. The State of Virginia is requiring a 25% recycling rate for Counties and the County will have to try and meet these requirements.

Chairman, David C. Jones stated the County will continue to operate a transfer station and at the first time it costs more to recycle than to dispose of the waste. If the State of Virginia wants more recycling done, they should provide a market for the items so the County could at least break even on costs.

After public discussion, on motion of James L. Arrington, seconded by William L. Crigler, the Board adopted the Solid Waste Plan prepared by Joyce Engineering, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

Chairman, David C. Jones reported that several church organizations are doing home improvement for the elderly and they have two (2) projects in Madison County. They will do work on the Mattie Payne and Harry Roebuck property and they would like to have the Building Permit fees waived for these properties.

On motion of James R. Hale, seconded by William L. Crigler, the Board waived Building Permit fees for these two (2) projects, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

**RESOLUTION OF SUPPORT FOR THE
MADISON COUNTY SOLID WASTE MANAGEMENT PLAN, 2004**

WHEREAS, the Virginia Waste Management Board has adopted regulations which require every city, county, and town or region in the Commonwealth of Virginia to develop a solid

and that this plan demonstrates how the locality or region will meet State mandated recycling objectives; and

WHEREAS, Madison County and its engineering consultants have prepared a "Madison County and Town of Madison Solid Waste Management Plan, June 2004" in accordance with State regulation; and

WHEREAS, achieving State mandated recycling objectives and meeting the solid waste management needs of the Madison County service area including the Town of Madison, requires local government support of an commitment to the implementation of the local solid waste management plan; and

WHEREAS, the Board of Supervisors of Madison County, has considered the "Madison County and Town of Madison Solid Waste Management Plan, June 2004";

NOW BE IT RESOLVED, that the Board of Supervisors of Madison County, Virginia, adopts and supports the "Madison County and Town of Madison Solid Waste Management Plan, June 2004" and is committed to its successful implementation; and

BE IT FURTHER RESOLVED, that the Board of Supervisors of Madison County agrees to cooperate with the Town council of Madison to maintain, update, and implement the Plan adopted by Madison County; and

BE IT FURTHER RESOLVED, that the Board of Supervisors of Madison County recognizes that in order for the Plan to be successfully implemented, each jurisdiction has an obligation to support the recycling and other solid waste management programmatic commitments in the adopted Plan and that implementation of the Plan may require cooperation between the Town of Madison and Madison County.

Adopted by the Board of Supervisors of Madison County, following a public hearing conducted on Tuesday, June 15, 2004.

David C. Jones, Chairman

Stephen L. Utz

	Aye	Nay	Abstain
David C. Jones	<u> x </u>	<u> </u>	<u> </u>
James R. Hale	<u> x </u>	<u> </u>	<u> </u>
James L. Arrington	<u> x </u>	<u> </u>	<u> </u>
William L. Crigler	<u> x </u>	<u> </u>	<u> </u>
Eddie L. Dean	<u> x </u>	<u> </u>	<u> </u>

County Administrator, Stephen L. Utz stated he had received a letter from Lynn Clements from Rapidan Service Authority requesting dates which the construction firm could not do work on the waterline replacement on Main Street. The only date would be Friday, September 3rd for the street festival and the County Administrator was instructed to contact Tracey Williams to see if there were any other events scheduled for Main Street.

County Administrator, Stephen L. Utz reported he had a contract with Glatfleter Pulp Company to thin the pines at the landfill. The County Attorney had one addition to the contract and this was approved to be forwarded to Glatfelter.

Chairman, David C. Jones stated the parade would be July 13th and this is the same day as the Board Meeting so the public will not be able to attend an evening session.

After discussion, on motion of James L. Arrington, seconded by Eddie L. Dean, the Board changed the Board meeting time to begin at 1:00 p.m. instead of 3:00 p.m. on July 13, 2004 and there will be no evening session, with the following vote recorded:

David C. Jones	Aye
James L. Arrington	Aye
James R. Hale	Aye
William L. Crigler	Aye
Eddie L. Dean	Aye

With no other action required by the Board, on motion of James L. Arrington, seconded by Eddie L. Dean, the board continued the meeting to Friday, June 25, 2004 at 12:30 p.m. to close out the 2004-2005 Budget for Madison County.

Dated: June 22, 2004

Appendix VII
RESOLUTIONS

**RESOLUTION OF SUPPORT FOR THE
MADISON COUNTY SOLID WASTE MANAGEMENT PLAN, 2004**

WHEREAS, the Virginia Waste Management Board has adopted regulations which require every city, county, and town or region in the Commonwealth of Virginia to develop a solid waste management plan in accordance with 9VAC 20-130-10 et seq., effective August 1, 2001, and that this plan demonstrates how the locality or region will meet State mandated recycling objectives; and

WHEREAS, Madison County and its engineering consultants have prepared a "Madison County and Town of Madison Solid Waste Management Plan, June 2004" in accordance with State regulation; and

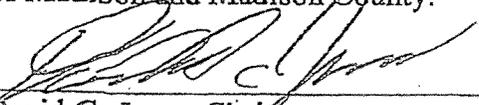
WHEREAS, achieving State mandated recycling objectives and meeting the solid waste management needs of the Madison County service area including the Town of Madison, requires local government support of and commitment to the implementation of the local solid waste management plan; and

WHEREAS, the Board of Supervisors of Madison County, has considered the "Madison County and Town of Madison Solid Waste Management Plan, June 2004";

NOW, BE IT RESOLVED, that the Board of Supervisors of Madison County, Virginia, adopts and supports the "Madison County and Town of Madison Solid Waste Management Plan, June 2004" and is committed to its successful implementation; and

BE IT FURTHER RESOLVED, that the Board of Supervisors of Madison County agrees to cooperate with the Town Council of Madison to maintain, update, and implement the Plan adopted by Madison County; and

BE IT FURTHER RESOLVED, that the Board of Supervisors of Madison County recognizes that in order for the Plan to be successfully implemented, each jurisdiction has an obligation to support the recycling and other solid waste management programmatic commitments in the adopted Plan and that implementation of the Plan may require cooperation between the Town of Madison and Madison County.



David C. Jones, Chairman
Board of Supervisors
Madison County



Stephen L. Utz
County Administrator
Madison County

Adopted by the Board of Supervisors of Madison County, following a public hearing conducted on Tuesday, June 15, 2004.

	Aye	Nay	Abstain
David C. Jones	<u> X </u>	_____	_____
James L. Arrington	<u> X </u>	_____	_____
James R. Hale	<u> X </u>	_____	_____
William L. Crigler	<u> X </u>	_____	_____
Eddie L. Dean	<u> X </u>	_____	_____