

**APPENDIX O
COMMONWEALTH OF VIRGINIA LOCALITY RECYCLING RATE REPORT**



**Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2001**

Contact Information

Reporting Jurisdiction: _____

Person Completing This Form: _____

Title: _____

Address: _____
Street/P.O. Box
City
State
Zip

Phone #: (____) _____ **Fax #:** (____) _____

Email Address: _____

Member Governments (The local governments identified in your regional solid waste management plan): _____

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

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

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

= _____ %
 Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

 Authorized Signature Title Date

Return completed form by April 30, 2002 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

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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	_____
Metal	_____
Plastic	_____
Glass	_____
Yard Waste (Composted or Mulched)	_____
Wood	_____
Textiles	_____
TOTAL PRM	_____ (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	_____	_____
Used Oil	_____	_____
Used Oil Filters	_____	_____
Used Antifreeze	_____	_____
Automobile Bodies	_____	_____
Construction Waste	_____	_____
Demolition Waste	_____	_____
Debris Waste	_____	_____
Batteries	_____	_____
Ash	_____	_____
Sludge	_____	_____
Tree Stumps (> 6" Diameter)	_____	_____
Other (_____)	_____	_____
SUBTOTALS	_____	_____
	(RECYCLED SRM)	(REUSED SRM)
TOTAL SRM	_____ (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	_____
Commercial	_____
Institutional	_____
Other***	_____
TOTAL MSW DISPOSED	_____ (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.*

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Amended Regulations for the Development of Solid Waste Management Plans (9 VAC 20-130-10 et seq.) became effective on August 1, 2001. The amended regulations require that Regions as well as each city, county, and town not part of a designated Region in the Commonwealth develop complete, revised solid waste management plans. Section 9 VAC 20-130-120 B & C of the Regulations requires that a minimum recycling rate of 25% of the total municipal solid waste generated annually in each city, county, town, or region be maintained. It also requires that the plan describe how this rate shall be met or exceeded and requires that the calculation methodology be included in the plan. Section 9 VAC 20-130-165 D establishes that every city, county, and town in the Commonwealth, or solid waste management planning region shall submit to the department by April 30 of each year, the data and calculations required in 9 VAC 20-130-120 B & C for the preceding calendar year.

PLEASE NOTE: IF YOUR LOCALITY'S RECYCLING PROGRAM IS INCORPORATED INTO A DESIGNATED REGION'S PROGRAM, YOU WILL ONLY NEED TO FILL IN THE CONTACT INFORMATION SECTION FOR YOUR LOCALITY AND SPECIFY THE REGION.

It is requested that the amounts included on the form be listed in **tons**, rounded to the nearest whole ton. If actual weights are not known, volumes can be converted to weight estimates. To assist you with these estimates, a standardized volume-to-weight conversion table is attached.

Contact Information Section: Please provide information on the Reporting Jurisdiction and information on the individual completing this form. Under Member Governments, please list the local governments identified in the applicable solid waste management plan, unless the plan indicates the participating local governments will be reporting on the status of their recycling collection programs independently.

Calculated Recycling Rate Section: Using the formula provided, calculate your recycling rate for the reporting period from information identified in the Recycling Rate Calculations Section.

Signature Block Section: Please provide an authorized signature prior to submitting the completed form.

Recycling Rate Calculations Section: Please provide the requested information:

Part I: Principal Recyclable Material (PRM): Report the amount in tons of each PRM collected for recycling in the named jurisdiction(s) during the reporting period. PRMs include paper, metal (except automobile bodies), plastic, glass, yard waste, wood, and textiles. It does not include large diameter tree stumps. The total weight in **tons** of all PRMs collected for recycling represents the letter **P** in the Recycling Rate Calculation.

Part II: Supplemental Recyclable Material (SRM): Report the amount in tons of each SRM recycled and the amount reused in the named jurisdiction(s) during the reporting period for each of the requested categories. (For a material to classify as "reused" a solid waste material must be separated from the waste stream and used, without processing or changing its form, for the same or another end use. SRMs include waste tires, used oil, used oil filters, used antifreeze, automobile bodies, construction waste, demolition waste, debris waste, batteries, ash, sludge and large diameter tree stumps, and other materials as may be authorized by the Director. The total weight in **tons** of all SRMs collected for recycling and/or reuse represents the letter **S** in the Recycling Rate Calculation.

Vegetative and Yard Waste Material may only be counted towards your recycling rate if they are being mulched or composted, and used for agricultural or landscaping purposes.

Part III: Total Municipal Solid Waste (MSW) Disposed: Report the total amount in **tons** of MSW that was disposed of by the reporting jurisdiction(s) during the reporting period for each of the source categories (Household, Commercial, Institutional, and Other). For the purpose of this report, "disposed," means delivery to a permitted sanitary landfill or waste incinerator for disposal. Totals for each of these categories should include only the amount of MSW generated by and then disposed of by the reporting jurisdiction(s). The total weight in tons of MSW disposed of represents the letter **M** in the Recycling Rate Calculation.

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Locality Recycling Report Conversion Table

Material	Volume	Weight in Pounds
Metal		
Aluminum Cans, Whole	One cubic yard	50-74
Aluminum Cans, Flattened	One cubic yard	250
Aluminum Cans	One full grocery bag	1.5
Ferrous Cans, Whole	One cubic yard	150
Ferrous Cans, Flattened	One cubic yard	850
Automobile Bodies	One vehicle	2,000
Paper		
Newsprint, Compacted	One cubic yard	720-1,000
Newsprint	12" stack	35
Corrugated Cardboard, Loose	One cubic yard	300
Corrugated Cardboard, Baled	One cubic yard	1,000-2,000
Plastic		
PETE, Whole, Loose	One cubic yard	30-40
PETE, Whole, Loose	Gaylord	40-53
PETE, Whole, Baled	30" x 62"	500
Film, Baled	30" x 42" x 48"	1,100
Film, Baled	Semi-Load	44,000
Film, Loose	Standard grocery bag	15
HDPE (Dairy Only), Whole, Loose	One cubic yard	24
HDPE (Dairy Only), Baled	32" x 60"	400-500
HDPE (Mixed), Baled	32" x 60"	900
Mixed PET & Dairy, Whole, Loose	One cubic yard	32
Mixed PET, Dairy & Other Rigid (Whole, Loose)	One cubic yard	38
Mixed Rigid, No Film	One cubic yard	49
Glass		
Glass, Whole Bottles	One cubic yard	600-1,000
Glass, Semi-Crushed	One cubic yard	1,000-1,800
Glass, Crushed (Mechanically)	One cubic yard	800-2,700
Glass, Whole Bottles	One full grocery bag	16
Glass, Uncrushed to Manually Broken	55 gallon drum	125-500
Arboreal		
Leaves, Uncompacted	One cubic yard	250-500
Leaves, Compacted	One cubic yard	320-450
Leaves, Vacuumed	One cubic yard	350
Wood Chips	One cubic yard	500
Grass Clippings	One cubic yard	400-1,500
Other		
Battery (Heavy Equipment)	One	60
Battery (Auto)	One	35.9
Used Motor Oil	One gallon	7.4
Tire - Passenger Car	One	20
Tire - Truck, Light	One	35
Tire - Semi	One	105
Antifreeze	One gallon	8.42
Food Waste, Solid & Liquid Fats	55 gallon drum	412