

## **New River Resource Authority Annual Recycling Report Instructions:**

The New River Resource Authority is requesting all nonresidential solid waste generators and commercial operations that manage solid waste or recycle materials generated within the New River Resource Authority service area in the City of Radford, Town of Dublin, County of Pulaski and County of Giles. To annually report the previous calendar year such nonproprietary information regarding waste generation, waste management, and recycling as necessary to facilitate compliance with the Code of Virginia Section 10.1-1411 and the mandated recycling rate. The attached reporting form is to be completed on or before March 2, and returned to the **New River Resource Authority, Solid Waste Assessment and Reporting Program, P.O. Box 1246, Dublin, Va. 24084**. Questions regarding the form may be directed to the attention of Sherry Johnson by calling (540) 674-1677 Monday – Friday from 7:00 a.m. to 3:30 p.m.

Please complete the contact information and the individual name responsible for completing this form. It is requested that all quantities be reported 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 the estimating of the materials, a standardized volume-to-weight conversion table prepared by the Virginia Department of Environmental Quality, DEQ Form 50-30 (Revised) are located on the back of these instructions.

The New River Resource Authority Recycling Reporting Form provides you with an opportunity to report the amount of Paper, Metals, Plastic, Glass, Yard Waste, Textiles, Waste Tires, Oil and Filters, Antifreeze and Solvents, Batteries and Other Waste diverted from the waste stream by your organization. Complete the respective line for each item, your firm diverted from the waste stream for the previous calendar year, by recycling or reuse. As noted above the weights are to be reported in tons, rounded to the nearest whole ton. The name and location of the recycler and or end-user of this material is required

## Volume to Weight Conversion Information Provided by VDEQ

### DEQ Form 50-30 (Revised)

| Material                                      | Volume               | Weight in Pounds                               |
|---|----------------------|--|
| <b>Metal</b>                                  |                      |  |
| 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  |
| <b>Paper</b>                                  |                      |  |
| Newsprint, Loose                              | One cubic yard       | 360-800  |
| Newsprint, Compacted                          | One cubic yard       | 720-1,000                                      |
| Newsprint                                     | 12" stack            | 35   |
| Corrugated Cardboard, Loose                   | One cubic yard       | 75-100   |
| Corrugated Cardboard, Baled                   | One cubic yard       | 1,000-2,000                                    |
| <b>Plastic</b>                                |                      |  |
| 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   |
| <b>Glass</b>                                  |                      |  |
| 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  |
| <b>Arboreal</b>                               |                      |  |
| Leaves, Uncompacted                           | One cubic yard       | 200-250  |
| Leaves, Compacted                             | One cubic yard       | 300-450  |
| Leaves, Vacuumed                              | One cubic yard       | 350  |
| Wood Chips                                    | One cubic yard       | 500  |
| Grass Clippings                               | One cubic yard       | 400-1,500                                      |
| <b>Other</b>                                  |                      |  |
| Battery (Heavy Equipment)                     | One                  | 60   |
| Battery (Auto)                                | One                  | 35.9   |
| Used Motor Oil                                | One gallon           | 7.4  |
| Used Oil Filters (Uncrushed)                  | 55 gallon drum       | 66 Lbs./Used Oil +<br>110 Lbs./Ferrous Metal   |
| Used Oil Filters (Crushed)                    | 55 gallon drum       | 16.5 Lbs./Used Oil +<br>368 Lbs./Ferrous Metal |
| 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  |
| <b>This Table For General Guidance Only.</b>  |                      |  |



**New River Resource Authority Recycling Report for \_\_\_\_\_ calendar year**

**Contact Information**

Reporting Business: \_\_\_\_\_

Person Completing This Form: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Street / P.O. Box      Town / City      State      Zip

Phone #: (\_\_\_\_) \_\_\_\_\_      Fax #: (\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_

Type of Business or Commercial Operation: \_\_\_\_\_

**For information on completing this section of the form, refer to the fact sheet provided.**

**Quantities must be expressed in Tons.**

| <b>Material</b>  | <b>(Tons)<br/>Quantity<br/>Recycled</b> | <b>Source<br/>Reduction<br/>Quantity</b> | <b>How Quantity<br/>Was<br/>Determined</b> | <b>Destination of Material ( Name and<br/>Location of Recycler or End- User<br/>Market)</b> |
|--|---|--|--|---|
| <b>PAPER</b>   |   |  |  |   |
| Newspaper  |   |  |  |   |
| Mixed Paper  |   |  |  |   |
| Cardboard  |   |  |  |   |
| <b>METALS</b>  |   |  |  |   |
| Ferrous  |   |  |  |   |
| (includes white<br>goods)                                  |   |  |  |   |
| Nonferrous &<br>(aluminum cans)                            |   |  |  |   |
| Auto Bodies  |   |  |  |   |
| <b>Plastic</b>   |   |  |  |   |
| Plastic  |   |  |  |   |
| <b>Glass</b>   |   |  |  |   |
| Glass  |   |  |  |   |
| <b>Yard Waste</b>  |   |  |  |   |
| Brush  |   |  |  |   |
| Leaves & Grass   |   |  |  |   |
| Wood   |   |  |  |   |
| <b>Textiles</b>  |   |  |  |   |
| Textiles   |   |  |  |   |
| <b>Waste Tires</b>   |   |  |  |   |
| Tires  |   |  |  |   |
| <b>Oil and Filters</b>                                     |   |  |  |   |
| Used Oil   |   |  |  |   |
| Used Filters   |   |  |  |   |
| <b>Antifreeze and Solvents</b>                             |   |  |  |   |
| Antifreeze   |   |  |  |   |
| Solvents   |   |  |  |   |
| <b>Batteries</b>   |   |  |  |   |
| Batteries  |   |  |  |   |
| <b>Other Waste (Please Specify)</b>                        |   |  |  |   |
|  |   |  |  |   |
|  |   |  |  |   |
|  |   |  |  |   |
| <b>Total Material Recycled (in tons)</b>                   |   |  |  |   |
| <b>Total Eliminated through Source Reduction (in tons)</b> |   |  |  |   |

Return completed form by March 2 to: New River Solid Waste Assessment Program, P.O. Box 1246 Dublin, Virginia 24084  
If you have questions, contact Sherry Johnson at (540) 674-1677

## **Definitions**

**Clean Wood** means uncontaminated natural, untreated wood or clean shipping pallets. Clean wood includes but is not limited to by-products of harvesting activities conducted for forest management or commercial logging, or mill residues consisting of bark, chips, edgings, sawdust, shavings or slabs. It does not include wood or shipping pallets that has been treated, adulterated, or chemically changed in some way; treated with glue, binders, or resins; or painted, stained or coated.

**Principal recyclable materials** shall mean newspaper, ferrous scrap metal, non-ferrous scrap metal, used motor oil, corrugated cardboard, craft paper, container glass, aluminum, high-grade office paper, tin cans, cloth, automobile bodies, plastic, clean wood, brush, leaves, grass and other arboreal materials. "Principal recyclable materials" do not include large diameter tree stumps.

**Recyclable materials** shall mean any material, which retains useful properties that can be reclaimed after the production or consumption process.

**Recycling** shall mean the process of separating a recyclable material from the waste stream and processing it so it may be used again as a raw material for a product which may or may not be similar to the original product.

**Reuse** means having once been a waste and being:

1. Employed as an ingredient (included use as an intermediate) in a process to make a product, excepting those materials possessing distinct components that are recovered as separate end products; or
2. Employed in a particular function or application as an effective substitute for a commercial product or natural resources.

**Recycling system** shall mean the mechanism(s) which provides for source separating a recyclable material from the waste stream and ensuring its delivery to a recycling center. Regulations shall mean regulations promulgated by the Department of Environmental Quality.

**Solid waste generator** shall include any commercial establishment, corporation or legal entity that produces solid waste.

**Source reduction** means any action that reduces or eliminates the generation of waste at the source, usually within a process. Source reduction measures include process modifications, feedstock substitutions, improvements in feedstock purity, improvements in housekeeping and management practices increases in efficiency of machinery, and recycling within a process.

**Yard Waste** shall mean the organic fraction of municipal solid waste that consists of grass clippings, leaves, brush, and tree and shrub trimmings arising from general landscape maintenance. Yard Waste also includes similar materials collected from streets, parks and recreational areas.