

## Annual Business Recycling Reporting Survey

Survey Period: JANUARY 1 – DECEMBER 31, 2019 Report Due By: FEBRUARY 7, 2020

Completed Business Recycling Reports, and any questions or comments about the form **should be directed to the County Recycling Coordinator** (not the Maryland Department of the Environment) from which this survey was received, by February 7, 2019.

*The Frederick County Contact Information is:*

**Sandra R. Sánchez, Commercial Recycling Program Analyst**  
**Frederick County Department of Solid Waste Management**  
**9031 Reichs Ford Road, Frederick, MD 21704**

Email: [SSanchez-Roque@FrederickCountyMD.gov](mailto:SSanchez-Roque@FrederickCountyMD.gov) Phone: (301) 600-7230 Fax: (301) 600-3044

Thank you very much for your cooperation!

Date: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Address of Company/Facility: (Street) \_\_\_\_\_

\_\_\_\_\_

(City) \_\_\_\_\_ (County) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip) \_\_\_\_\_

Contact Information: Contact Address: (if different from facility address) \_\_\_\_\_

\_\_\_\_\_

Name of Contact Person: \_\_\_\_\_

Job Title: \_\_\_\_\_ Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_ E-mail: \_\_\_\_\_

*Future MRA correspondence may be distributed digitally. To ensure that your facility receives electronic notifications, please provide a generic/central company email address if there is one, thank you!*

Company E-mail: \_\_\_\_\_

Office/Facility Name: \_\_\_\_\_

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CATEGORY	MATERIALS	TONS RECYCLED *	CONTRACTOR/MARKET for MATERIAL	
<b>COMMINGLED CONTAINERS</b>	Commingled Containers			
<b>COMPOSTED/MULCHED <sup>1</sup></b>	Food Waste (composted/mulched only – also see “Food Waste” in “Other Materials”)			
	Landclearing Debris			
	Landscaping Debris	Brush and Branches		
		Grass		
		Leaves		
		Mixed Yard Waste		
	MSW Composted <sup>2</sup>			
	Wood Materials <sup>3</sup>			
Other <sup>5</sup> :				
<b>GLASS</b>	Brown Glass			
	Clear Glass			
	Green Glass			
	Mixed Glass			
	Fluorescent Lights			
	Other <sup>5</sup> :			
<b>METALS</b>	Aluminum Cans			
	Lead-Acid (Auto) Batteries			
	Litho Plates			
	Mixed Cans (Aluminum & Tin/Steel)			
	Oil Filters			
	Scrap Automobiles			
	Scrap Metal			
	Tin/Steel Cans			
	White Goods			
	Other <sup>5</sup> :			

Office/Facility Name: \_\_\_\_\_

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<b>PAPER</b>	Corrugated Cardboard		
	Magazines		
	Mixed Paper		
	Newspaper		
	Office/Computer/White Paper		
	Telephone Directories		
	Other <sup>5</sup> :		
<b>PLASTIC</b>	Film Plastic		
	Mixed Plastic bottles		
	Shrink Wrap		
	Other <sup>5</sup> :		
<b>OTHER MATERIALS</b>	Antifreeze		
	Animal Protein/Solid Fat		
	Asphalt		
	Coal Ash (Fly Ash, Pozzolan)		
	Concrete		
	Construction & Demolition Debris		
	Electronics/Computer Equipment		
	Food Waste (non-composted/mulched)		
	Industrial Fluids (e.g., cleaning pesticides, etc.)		
	MSW-to-Energy Ash		
	Pallets (Refurbished)		
	Sewage Sludge		
	Soil		
	Textiles		
	Toner Cartridges		
Tires (Recycled) <sup>4</sup>			

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	Tires (Retread)		
	Tires (Cement Kiln – 12% of total)		
	Waste Oil		
	Other <sup>5</sup> :		
	Other <sup>5</sup> :		
	Other <sup>5</sup> :		
<b>Total from Table B1b</b>			
<b>TOTAL TONS MRA MATERIALS</b>		<b>tons</b>	

\* One ton = 2,000 pounds. See volume to weight conversion table on page 8 to help determine tonnages.

- 1 The material must be composted or mulched and marketed! **Simply spreading a material on a field DOES NOT constitute a composted/mulched material and does not count as a recyclable material.** Composted/mulched material that ends up being disposed in a landfill does not count as a recyclable material.
- 2 Consists of non-source-separated MSW materials (*i.e.*, trash).
- 3 Includes recycling of wood products (*e.g.*, pallets, crates, barrels, wood furniture, canes, crutches, etc.). **Materials must be mulched or composted ONLY.** Otherwise, include in “Other Materials” category.
- 4 Tires that are recycled into new products containing rubber (*e.g.*, trashcans, storage containers, rubberized asphalt, etc.), and use of whole tires for playground and reef construction. **Tires sent to an incinerator DO NOT count as recycling.**
- 5 List the material. If space is needed for additional materials, please use Table B1b.

**Other Recycling Materials**

CATEGORY / RECYCLABLE <i>(e.g., Metals/Litho Plates)</i>	TONS RECYCLED*	CONTRACTOR/MARKET for MATERIAL
<b>TOTAL</b> (Report in “Total from Table B1b” in Table B1)	<b>tons</b>	

Office/Facility Name: \_\_\_\_\_

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**Volume to Weight Conversion Table**

Material	Volume	. Weight	Material	Volume	. Weight
Aluminum cans-whole	1yd <sup>3</sup>	63 lbs.	Metal license tags*	1 tag	0.31 lbs.
Antifreeze*	1 gallon	9.8 lbs.	Mixed wood	1yd <sup>3</sup>	372 lbs.
Asphalt*	1yd <sup>3</sup>	1,380 lbs.	Motor oil*	1 gallon	7 lbs.
Cardboard-compacted	1yd <sup>3</sup>	400 lbs.	Motor oil filters	1 filter	1 lb.
Cardboard-uncompacted	1yd <sup>3</sup>	50-150 lbs.^	Newspaper-uncompacted	1yd <sup>3</sup>	433 lbs.
Commingled containers	1yd <sup>3</sup>	248 lbs.	Office paper-computer	1yd <sup>3</sup>	655 lbs.
Computer CPU	1 CPU	35 lbs.	Office paper-mixed	1yd <sup>3</sup>	435 lbs.
Computer keyboard	1 keyboard	2.5 lbs.	Paint	1 gallon	10 lbs.
Computer monitor	1 monitor	41 lbs.	Pallets	1 pallet	40 lbs.
Concrete	1yd <sup>3</sup>	4,000 lbs.	Plastic bottles-whole	1yd <sup>3</sup>	32 lbs.
Fluorescent light tubes	1 tube	0.83 lbs.	Scrap tires-car/truck	1 tire	21/70 lbs.
Frying grease	55 gal. drum	405 lbs.	Telephone directories	1 book	4.5 lbs.
Glass	1yd <sup>3</sup>	600-1,400 lbs.+	Tin/steel cans-whole/flattened	1yd <sup>3</sup>	150/850 lbs.
Industrial Fluids*	1 gallon	8.5 lbs.	White goods (large)	1 item	143 lbs.
Laser toner cartridges	1 cartridge	3 lbs.	Yard waste-compacted	1yd <sup>3</sup>	700 lbs.
Lead acid batteries	1 battery	39-53 lbs.**	Yard waste-uncompacted	1yd <sup>3</sup>	470 lbs.

- ^ Loose, unflattened cardboard weighs 50 lbs./yd<sup>3</sup>, crushed cardboard weighs closer to 150 lbs./yd<sup>3</sup>.
- \* Should be included as a **Non-MRA Material** on page 3.
- + 600 lbs. for whole glass, 1,400 lbs. for manually broken glass.
- \*\* 39 lbs. for a car battery, 53 lbs. for a truck battery.

**Other helpful hints to determine recycling weights:**

**Aluminum cans:** flattened 1yd<sup>3</sup> weighs 340 lbs., uncompacted 1 full grocery bag weighs 1.5 lbs., uncompacted 1 case of 24 cans weighs 0.75 lbs., 32 cans weigh 1 lb.

**Glass:** 1 case of 24-8 oz. glass containers weigh 12 lbs., 24-12 oz. glass containers weigh 14 lbs., manually broken bottles in a 55-gallon drum weigh 300 lbs.

**Gaylord box:** approx. 1 yd<sup>3</sup> (3'x3'x3')

\*\*\*\*\*

Please check here if you know that your trash was hauled to an out-of-state facility.

**I certify, to the best of my knowledge, that the totals claimed on this form are accurate and based upon actual records. These tonnage records will be made available to MDE for auditing purposes, if requested.**

**FACILITY CONTACT (or County Contact if completing for the business):**

→ \_\_\_\_\_  
**Signature**

→ \_\_\_\_\_  
**Print Name**

\_\_\_\_\_ ←  
**Date**