



Voice of the Recycling Industry™

### Draft Inbound Residential Dual Stream Specifications

To be presented to the ISRI Board of Directors

Inbound Residential Dual Stream is the material derived from a recycling method whereby residents of a community place allowed materials in a specifically designated receptacle to be left at a drop off point outside their residence. Materials in the receptacle are then collected by a recycler for processing at a Materials Recovery Facility. Organic and other materials that can be considered solid waste are not permitted in this material mix.

Any other recyclable materials may be added or deleted based on the individual agreement between buyer (MRF) and seller (Hauler or Municipality).

#### Description

A commodity mix of certain materials placed in specifically designated receptacles to be left at a drop off point outside the residence resulting from Dual Stream collection systems that separate bins, or carts for Paper and Containers and/or collected in separate compartments on one or more trucks.

Paper Separated at the Collection point (Either stacked below or separate; not to be mixed with Containers)	Containers Separated at the Collection Point (not to be mixed with Paper)		
	Plastic	Metal	Glass
Uncoated White Office Paper, Printing and Writing Paper	Empty PET (#1), HDPE (#2), PP (#5) Plastic Bottles, Jugs, Jars And Containers	Aluminum and tin beverage and product containers	Bottles and Jars of any color
Colored Paper	Bulky Rigid Plastics Such As Crates, Buckets, Totes, Baskets		
Newspaper	Tubs and Lids		
Magazines	Cartons		
Phonebooks			
Junk Mail			
Paperboard			
Tissue boxes/rolls			
Paper towel and toilet paper rolls			
Cardboard			
Brown or Kraft paper			
Paper boxes			
Clean Pizza Boxes			

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- All materials should be clean, loose, and dry.

**Contamination**

Contamination is defined as anything not considered acceptable in the specification.

- None permitted unless specifically agreed to in writing between buyer and seller.
- No bagged recyclables unless otherwise accepted in local curbside collection program.

The following items are considered contamination:

Paper	Plastic	Metal	Glass
Shredded Paper	Plastic Bags & Plastic Film	All metal with the exception of that listed above	All glass with the exception of that listed above
Containers coated with wax, plastic or other materials	Expanded Polystyrene Foam (#6)	Aerosol cans that are under pressure or partly filled	Drinking glasses, crystal or tableware
Wallpaper	Multi-layered juice pouches		Mirrors
Material with excess grease	Plastic from electronics		Non-container glass
Material with excess food residue or other organic material	Plastic marked as biodegradable or compostable		Light bulbs
			Windows

**Prohibited Materials**

The term “Prohibited Materials” as used throughout this document is defined as items never allowed and includes any material that contains medical, organic, food, hazardous, poisonous, radioactive or toxic waste and other harmful substances or liquids.

Additional examples of prohibited items are:

- Sharps and Needles
- Batteries
- Radioactive materials
- Hazardous materials
- Corrosives
- Medical waste
- Pesticides, poisons, bio hazards

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- h) Compressed gas cylinders
- i) Refrigerants
- j) PCB containing capacitors, transformers, ballast
- k) Asbestos
- l) Materials that may be damaging to equipment
- m) Materials containing information protected or regulated under any local, state or federal privacy or data security laws, including, but not limited to the Health Insurance Portability and Accountability Act of 1996, as amended, or other regulations or ordinances.
- n) Wax
- o) Electronics
- p) Large items such as tires, appliances, roofing materials
- q) Wood
- r) Ceramics
- s) Food Waste or other items that can otherwise be composted
- t) Rock, dirt, asphalt, concrete

Residential curbside recycling systems can offer a significant amount of variability. Please check with the recycling program coordinator for more information on what is considered acceptable in the jurisdiction.

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