

APPENDIX A

RECYCLABLES

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NOTE: Information provide below (including references to ISRI Specifications) should be considered a guideline only. Final Commodity descriptions and specifications are based on End Market Specifications, are subject to approval by the Contract Administrator, and may change throughout the term of the Contract.

RECYCLABLE	DESCRIPTION	SPECIFICATIONS AND ISRI SPECIFICATION REFERENCE
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COMMODITIES

FIBRE		
ONP	<p>Any item made of paper contained in the daily newspaper.</p> <p>Magazines, catalogues and glossy (non-newsprint) flyers.</p>	<p><u>Sorted Residential Papers & News (SRPN):</u> Consists of sorted newspapers, junk mail, magazines, printing and writing papers and other acceptable papers generated from residential programs (such as residential household and apartment collections and drop-off centers) sorted and processed at a recycling facility. Material should be free of containerboard and brown grades (OCC, Kraft bags, boxboard and Kraft carrier board).</p> <p>Prohibitive Materials may not exceed 2% Outthrows may not exceed 3%</p> <p><u>Sorted Clean News (SCN)</u> Consists of sorted newspapers from source separated collection programs, converters, drop-off centers and paper drives containing the normal percentages of roto gravure, colored and coated sections. May contain inserts that would normally be included in the newspaper in the proper proportions. Grade must be free of excessive ink, brown grades and non-paper material. (Some mills may require pack to be free of flexographic inks.)</p> <p>Prohibitive Materials may not exceed 1 /2 of 1% Outthrows plus prohibitives may not exceed 1% Other papers may not exceed 10%</p>
Mixed Paper	<p>All boxboard (e.g. cereal, shoe, frozen food etc.)</p> <p>Fine paper, writing paper, office paper, copy paper, bills, envelopes and statements, etc.</p> <p>Telephone directories, Paper egg cartons, molded pulp trays, brown and white paper bags, cores from toilet paper/ toweling/gift wrap.</p> <p>Paper that has been shredded; may be contained in a transparent or semi-transparent plastic bag.</p>	<p><u>Mixed Paper (MP)</u> Consists of all paper and paperboard of various qualities not limited to the type of fiber content, sorted and processed at a recycling facility.</p> <p>Prohibitive Materials may not exceed 2% Outthrows may not exceed 3%</p>

OCC	All Corrugated cardboard including Kraft paper linerboard and corrugated medium. Includes pizza boxes.	<u>Old Corrugated Containers (OCC)</u> Consists of corrugated containers having liners of either test liner or Kraft. Prohibitive Materials may not exceed 1% Outthrows plus prohibitives may not exceed 5%
CONTAINERS		
Polycoat/ TetraPak	All gable top cartons and plastic coated containers that contained food or liquids (e.g. milk and ice cream) Aseptic boxes (e.g. juice, soup).	<u>Aseptic Packaging and Gable-Top Cartons</u> Consists of liquid packaging board containers including empty, used, polyethylene (PE)-coated, printed one-side aseptic and gable-top cartons containing no less than 70% bleached chemical fiber and may contain up to 6% aluminum foil and 24% PE film. Prohibitive Materials may not exceed 2% Outthrows plus prohibitives may not exceed 5%
PET Bottles	All empty PET #1 bottles, jars and jugs (e.g. soda, water, juice, soaps). Clear, transparent green or transparent light blue.	<u>PET Bottles</u> Description: Any whole Polyethylene Terephthalate (PET #1) bottle with a screw-neck top that contains the ASTM D7611 "#1, PET or PETE" resin identification code and that is clear, transparent green, or transparent light blue. All bottles should be free of contents or free flowing liquids and rinsed.
PET #1 Thermoform	All #1 PET packaging other than bottles/jars/jugs that is clear (not coloured) (e.g. clamshell containers for salads & pastries).	<u>PET Thermoforms</u> Description: Any whole Polyethylene Terephthalate (PET #1) package labeled with the ASTM D7611 "#1, PET or PETE" resin identification code including and not limited to egg cartons, baskets, clamshell containers, cups, lids, cake domes, covers, blister pack without paperboard backing, tubs, deli containers, trays and folded PET sheet containers. All packages should be free of contents or free flowing liquids and rinsed. This grade does not include bottles and jars.
HDPE Natural Bottles	All #2 HDPE (natural) non-coloured bottles/jugs (e.g. milk jugs).	<u>HDPE Natural Bottles</u> Description: Any whole, blow-molded, High-Density Polyethylene (HDPE, #2) containing the ASTM D7611 "#2, HDPE" resin identification code that is unpigmented, and was generated from a curbside, drop-off or public or private collection program. All bottles should be free of contents or free flowing liquids and rinsed.
HDPE Coloured	All #2 HDPE (coloured) bottles/jugs (e.g. laundry detergent)	<u>HDPE Color Bottles</u> Description: Any whole, blow-molded, High-Density Polyethylene (HDPE, #2) bottle containing the ASTM D7611 "#2, HDPE" resin identification code that is pigmented and opaque, and was generated from a curbside, drop-off, or other public or private recycling collection program. All bottles should be free of contents or free flowing liquids and rinsed.

Mixed Rigid Plastic	Empty bottles/jars/jugs, and empty wide mouth tubs & lids (numbered #1 to #7 or without a number).	<p><u>3-7 Bottles and SMALL Rigid Plastic</u> Description: Rigid plastic items generated in a positive sort from a curbside, drop-off, or other public or private recycling programs from which the Polyethylene Terephthalate (PET, #1) and High-Density Polyethylene (HDPE, #2) bottles have been removed. Pre-picked plastic consists of non-PET and non-HDPE household bottles and all non-bottle containers including thermoform packaging, cups, trays, clamshells, food tubs and pots, and all large rigid plastics, primarily Polyethylene and Polypropylene (PP, #5) (includes plastic crates, carts, buckets, baskets and plastic lawn furniture). Metal, as typically found in toys or bucket handles, should be removed when possible. Plastic items from construction or demolition should not be included in Pre-Picked bales.</p>
Aluminum Cans	Aluminum Used Beverage Cans and Aluminum cans that contained food products.	<p><u>Baled Aluminum Used Beverage Can (UBC) Scrap</u> Shall consist of old aluminum food and/or beverage cans. The material is to be free of other scrap metals, aluminum foil, tin cans, plastic bottles, paper, glass, and other non-metallic items.</p>
Steel Cans	Empty Steel food, beverage cans, non-aerosol cans spiral wound composite food cans.	<p><u>Steel can bundles.</u> Cans may be baled without removal of paper labels, but free of other non-metallics. May include up to 5 gallon tin coated containers.</p>
Glass	All glass bottles & jars used food & beverage (clear and coloured).	<p><u>MRF Glass</u> Glass consists of crushed or whole scrap Flint (clear), Amber (brown), and Green (emerald) container/bottle glass made from soda-lime-silica, and small amounts of glass ceramic blends. Glass shall be comprised of a maximum 10% by weight of non-glass material (such as paper, plastic etc.). All material shall be of a size capable of passing through a 50mm (2 inch) screen. Glass shall be free of the following Commodities: (a) Aluminum Containers; (b) Steel Food Containers; (c) HDPE Bottles; and (d) PET Bottles</p>
DIVERTIBLES		
Scrap Metal	Aerosol cans, propane cylinders, other metals including scrap metals, cookware, aluminum foil and trays.	<p><u>Scrap Metal</u> Scrap general metal, free of plastics, paper, excessive dirt and rust.</p>

Bulky Rigid Plastic	All non-container plastic items (i.e. laundry baskets, pails > 5 gal pails, Rubbermaid bins etc.)	<p><u>Mixed Bulky Rigid</u> Description: Any large rigid High-Density Polyethylene (HDPE, #2) and/or Polypropylene (PP, #5) plastic bulky item, created through a positive sort from curbside, drop off or other public or private recycling collection program.</p> <p>Examples include: crates, buckets, baskets, totes, and lawn furniture. Metal such as axels and bolts should be removed. Buckets/pails with metal handles can be Included.</p>
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CONTAMINATION

NOTE: The following list should not be considered an all-inclusive list of materials considered Contamination.

Film Plastic	Examples include shopping bags, plastic wrap and associated materials.
Expanded Polystyrene (foam)	Examples include foam food trays, packing foam and associated materials.
Aluminum Foil and Plates	Examples include old household aluminum foil and formed foil containers.
Disposable Cups	Disposable paper cups including single use beverage cups common to the quick-service food industry.
Liquid from #1 PET Bottles	Free flowing liquid (water, soda etc.) from PET bottles.
Recyclables in opaque bags	All material that is in a bag that is not a transparent or semi-transparent bag.
Other Contamination	Non-accepted material not shown in above categories or that cannot be categorized in any other material category (e.g. food, shoes, clothing, post production laminated paper, facial tissue / paper towel, pet waste, yard waste etc.)
Household Hazardous Waste (HHW)	Any container with a hazardous symbol on the label.
Municipal Solid Waste	General household garbage