



**Georgia-Pacific LLC**  
**Wastepaper Grades and Specifications**  
**March 2014**

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**IMPORTANT:** ALL GRADES MUST BE FREE OF THE FOLLOWING:

**RAW FOOD AND CAFETERIA WASTE / RESTROOM WASTE / MEDICAL WASTE (BANDAGES, NEEDLES, ETC.) / GLASS**

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In a constant effort to safeguard the well-being of Georgia-Pacific, GP Harmon, their employees, customers and consumers of recycled paper products, and as a condition of sale, Seller warrants that all wastepaper sold under this Agreement will meet the following requirements:

1. Free of medical/infectious wastes (per 40 CFR 60.51c). Any reclaimed fiber originating from hospitals, clinics, and medical centers will consist exclusively of discarded recyclable paper/containers from offices or warehouses.
2. Free of reclaimed fiber that may be contaminated by biological or chemical agents which have the potential of causing illness or injury. The shipment of reclaimed fiber that is, or is suspected of, having been exposed to any type of bacterial or viral contamination regardless of source, is strictly prohibited. Likewise, if it is determined that anyone with a known infectious illness or open wound has come in contact with the reclaimed fiber, such fiber shall be rejected.
3. Free of reclaimed fiber which may contain poisonous or deleterious substances, including but not limited to, any container which has been used to transport materials under Hazardous Waste Manifest or under similar documentation;
4. Free of carbonless copy paper (due to potential for PCB concentrations above levels specified in 21 C.F.R 109.30, or subsequent replacement provisions); and
5. Free of containers used for transporting herbicides, pesticides, fungicides, rodenticides and any material with visible food, oil, paint or any petroleum product.

In the event that any of these warranties are violated, shipper will be liable for, and shall indemnify Georgia-Pacific and GP Harmon and hold it harmless from, any cost incurred related to the violation, including, but not limited to, the cost of disposal of the contaminated material and the manufacturing and disposal costs of any suspected contaminated finished product which utilized that contaminated wastepaper. In addition, future shipments will be in jeopardy.

#### **NEW TONNAGE**

To treat all shipments of wastepaper accurately and fairly, we ask that all accumulations of new or spot tonnage be sampled by GP prior to shipment. This allows us to advise you as to the value and likely grading of the accumulation. Mail samples (> 100 grams in weight or about 4 ounces) should accurately represent the material along with a stated estimate of the amount available.

#### **PROPER TRANSPORTATION EQUIPMENT**

Thoroughly inspect all trucks, trailers, cars and containers prior to loading. No trailers, cars or containers should have been used for transporting herbicides, pesticides, fungicides, rodenticides or any material with visible food, oil, paint, any petroleum product or used to transport materials under a Hazardous Waste Manifest or similar documentation. Cars that are not clean or have chemical placards on them should be refused, and the GP Harmon transportation department promptly notified. If you choose to utilize a dirty vehicle, it must be properly cleaned prior to loading. Any vehicle arriving at our facility with placarding or residue will be rejected. All costs associated with testing the substance and/or demurrage will be the sole responsibility of the shipper. The minimum cost for testing and handling is \$1000.

**Examples are given as a guide.**

**All grades must be sampled and authorization obtained prior to all shipments.**

**Use GP grade names/abbreviations for all units shipped including Bills of Lading.**

### **Hard White Envelope (HWE)**

Unprinted white envelopes and trim. Light return address printing is acceptable. Poly windows or colored envelopes are permitted.

**Example:** Unprinted white envelopes.

### **Manifold White Ledger (MWL)**

Pre-consumer, uncoated sheet stock printed or unprinted white sulfite/sulfate paper used in manufacturing manifold forms, continuous forms, and other printed data forms. Material must be free of heavy print, glues, colored paper, wet strength, insoluble inks and coatings, groundwood and office paper contaminations.

**Example:** White multiple copy forms, white tablet paper.

### **Ledger (LED)**

Pre-consumer uncoated sulfite paper. Material must be free of insoluble inks, glues, pressure sensitive adhesives, coated/uncoated copy paper, unbleachable papers, beater dyed papers, non-fibrous materials and coatings, roll wrappers, groundwood, and file stock contaminants.

**Example:** Business forms, pamphlets, and manifold register forms.

### **Sorted White Ledger (SWL)**

Printed sheets of white uncoated sulfite/sulfate ledger, bond writing paper and all papers which have a similar fiber and filler content. Material must be 100% post-consumer and must be free of treated, padded or heavily printed stock. Groundwood and colored papers are not permitted.

**Example:** White billing records, tablet pages, adding machine records.

### **Coated Sulfite (CS)**

Groundwood-free coated, bleached sulfite printing papers. Material must be free of insoluble inks, glues, coatings, chipboard, unbleachables, and non-fibrous material. Heavily inked and high-gloss papers may be unacceptable and must be evaluated prior to shipment.

**Example:** Non-groundwood advertising brochures, publishing papers, some fruit and vegetable can labels.

### **Printed Bleached Sulfate (PBS)**

Printed bleached sulfate board stock. Material must be free of poly coatings, insoluble glue, pressure-sensitive adhesives, poly windows, thermal mechanical pulp (TMP), chipboard, and insoluble coatings and inks (i.e., fully formed cartons, blister-pac, cosmetic boxes, record albums, detergent boxes, playing cards, cigarette cartons).

**Example:** Non-high gloss greeting cards, unglued cartons and trim, manila tab cards, pie, plate, cup, or advertising board. Generally, this will be a heavyweight board stock that may be printed on both sides, but coated on one side only.

### **Insoluble Glued - Sulfite (IGS)**

Insoluble glued sections, shavings or board stock consisting of coated/uncoated papers. Material must be free of groundwood, dust, non-fibrous material, insoluble coatings, poly and high-gloss inks. Excessive glue such as cut glued bindings or pressure-sensitive adhesives are not permitted.

**Example:** Glued brochures, catalogs and trim.

### **Plastic Windowed Envelopes (PWE)**

Pre-consumer lightly printed, coated or uncoated, unshredded white and/or pastel colored plastic windowed envelopes. Material must be free of beater-dyed paper, brown kraft, unbleachable papers, insoluble inks and glues. Pressure sensitive adhesives and internal security printing are not permitted.

**Example:** Business envelopes.

### **Printed Poly Coated (PPC)**

Printed, coated/uncoated sheet or board stock laminated with poly on one side. Must be free of all insoluble inks, coatings, groundwood, file stock contamination and material that has had food contact. Rolls are not allowed.

**Example:** Poly coated printed cartons or cup stock.

### **Light Insoluble Coatings & Inks (LICI)**

High gloss coated sulfite/sulfate papers containing insoluble coatings or inks. Material must be free of groundwood, insoluble glues and poly coatings.

**Example:** High gloss soft covered books, cover trim, and some carton stock.

### Sorted Office Paper (SOP)

Clean, dry and baled paper which is 100% post-consumer. Typically generated by offices and sorted to meet the specifications below. This grade may contain staples, paper clips, and rubber bands in volumes typically found in office collected paper. Material must be free of insoluble inks or coatings, excessive glues, deep tones, wax laminate, roll stock and paper over 25 years old.

TOTAL CONTAMINATION MAY NOT EXCEED 5%	
	Contamination must not exceed:
Groundwood/Mechanical Pulp	5.0%
Non-Fibrous/Wet Strength/Poly	1.0%
Hammer milled, Pulverized, Punch Outs, or Dust	
Unbleached Kraft	
Coated Copy Paper	
PSA (post-it, mailing labels)	0.5%

### Double Lined Kraft (DLK)

Pre-consumer double lined corrugated boxes or trim. Top and bottom faces must be new unbleached kraft and fluted section must be laminated with a soluble glue. Material must be free of packing labels, tape, and wax laminated headers.

### Old Corrugated (OCC)

Post-consumer corrugated containers or trim. May contain trace amounts of tape, packing labels, insoluble glue, and chipboard.

### Coated Groundwood (CGWD)

Printed or unprinted sections or shavings with coated groundwood concentration. Material must be free of uncoated or calendared groundwood trim or sheets, insoluble inks, coatings, glue and resins.

**Example:** High end magazines, stapled magazines.

### Heavy Groundwood (HGWD)

Printed or unprinted sections or shavings with uncoated or calendared groundwood base sheet. Material must be free of insoluble inks, coatings, glue and resins.

### Heavy Groundwood – Insoluble Glues (HGWD-IGS)

Printed or unprinted sections or shavings with uncoated or calendared groundwood concentration containing insoluble glues. Materials must be free of insoluble inks and coatings.

**Example:** Crossword puzzle booklets, coloring books, poly-free paperback novels.

### Old Newspaper (ONP)

Newspaper from collection and sorting programs (may be called #8 news) with only trace amounts of corrugated and newspaper supplements. Material must be 100% post-consumer.

**Example:** Old Newspapers.

### Over Issue News (OI NEWS)

Material must be 100% pre-consumer newspaper never delivered to the public (production overruns from a newspaper printing facility).

**Example:** Undeliverable newspapers.

### Mixed Paper (MP)

Mixture of curbside paper containing newspaper, cardboard, junk mail and magazines. Must be free of glass, raw trash, restroom waste and hospital waste. Less than 10% carrier stock (beverage cartons).

### Mixed Paper (MP) For shipment to Ecosource only.

Mixed office wastepaper containing less than 20% unbleachable papers and/or non-fibrous materials and less than 10% shredded paper in the total pack. This material requires further processing and prior authorization is a must.

## UNACCEPTABLE CONTAMINANTS

Unacceptable contaminants for shipment in any grade, ***unless specifically stated otherwise***, are listed below. This list contains typical problems, but is not meant to be all-inclusive. Please contact us if in doubt on any questionable materials not specifically listed.

Animal and insect infestations  
Animal carcasses  
Bible Stock  
Carbon Paper  
Carbonless Paper  
Chemical Bags  
Cigarette Filter Paper  
Cloth  
Cut Glued Binding  
Day-Glo or Fluorescent Inks  
Dust and Powder  
Electrocardiograms (EKG's)  
Foil and Metallic Inks  
Garbage, Trash and Obvious Non-Recyclable, non-paper items  
Hard Covers and Binders (Accounting ledgers, Books, Three-Ring Binders, metal spiral material, etc.)  
Heat Seal  
Hospital File Records, Medical Records  
Magnetic Inks (Airline Tickets, Bank Ledgers, etc.)  
Metal Items  
Old Deteriorated Paper (25 years or Older)  
Paint and Paint Chips  
Parchment  
Photographs  
Plastic (Bags, Binders, Wrappers, Sheets, etc.)  
Pressure Sensitive Adhesives (Tape, Address Labels, Correction Stickers, etc.)  
Printers Ink (Globs)  
Red Rope  
Roll Cores, Butt Rolls, and Pancake Rolls  
Rubberized Coatings  
Saturating Kraft  
Styrofoam  
Synthetic Paper (Tyvec, Dry-Formed)  
Synthetic Strings or Ties  
Transfer Paper  
Ultra-Violet (U.V.) Inks or Coatings  
Unbleached Papers (Goldenrod, Beater-Dyed, Gift Wrap, Napkins, etc.)  
Wax (Coatings or Loose Chunks)  
Wax Laminated Papers (Wrappers)  
Wet Strength (Treated Papers, Maps, Bottle Labels, etc.)  
X-Rays