

# NW Commingled Workgroup: Focus on Fiber

Summary from Southwest  
Workgroup on ONP, OCC & MWP

April 17, 2013



DEPARTMENT OF  
**ECOLOGY**  
State of Washington



# Cardboard (OCC)

## Collection

### What is included?

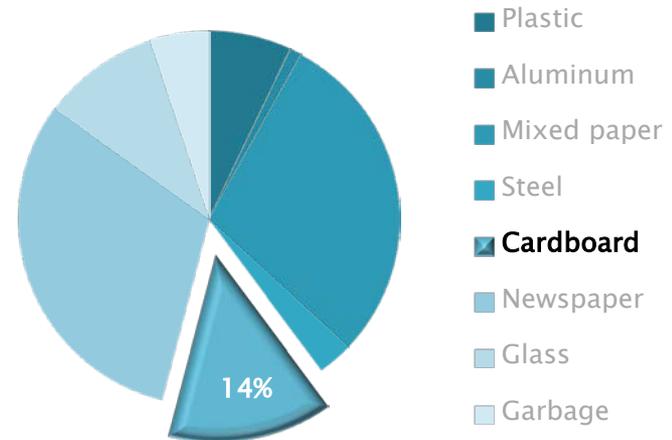
#### Yes:

OCC includes all fiberboard that has corrugated layers

#### No:

Waxed boxboard or boxboard (e.g. cereal boxes)

### How much is in the cart (by weight)?



Collected inside the cart in all jurisdictions.  
Two jurisdictions also allow outside placement.  
No other collection issues noted.



# Cardboard (OCC)

## Processing

- ▶ **Quality of incoming:** Good to great
- ▶ **Key Problems:** Small pieces and wet cardboard
- ▶ **% of Revenue:** 10%

## Markets

- ▶ **Domestic/Local:** Georgia Pacific and IP, OR; Longview Fiber, Longview, WA. Simpson and Caraustar will not buy commingled OCC due to contamination.
- ▶ **Export:** Foreign markets that were formally importers of US OCC and ONP are now either exporters or self-sustaining

# Newspaper (ONP)

## Collection

### What is included?

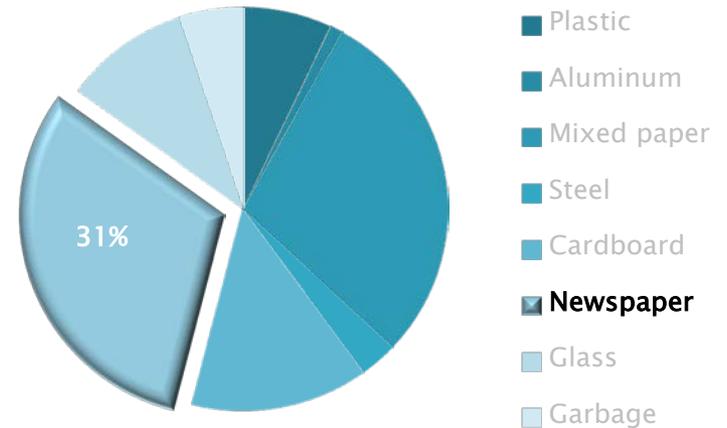
#### Yes:

Newspaper and all paper that comes inserted with the newspaper

#### No:

Any non-news grades not typically inserted with the newspaper

### How much is in the cart (by weight)?



Issue: None.



# Newspaper (ONP)

## Processing

- ▶ **Quality of incoming:** Pretty good to great
- ▶ **Key Problems:** Because it is a negative sort material, biggest issue is keeping it uncontaminated at the end of the line.
- ▶ **% of Revenue:** Combined with MWP - 62%

## Markets

- ▶ **Domestic/Local:** NORPAC (40% is local), Longview, WA; Nippon, Port Angeles, WA; SP Newsprint (75% is local), Newberg, OR
- ▶ **Export:** China – Nine Dragons Paper Industries (7 mills)

# Mixed Waste Paper (MWP)

## Collection

### What is included?

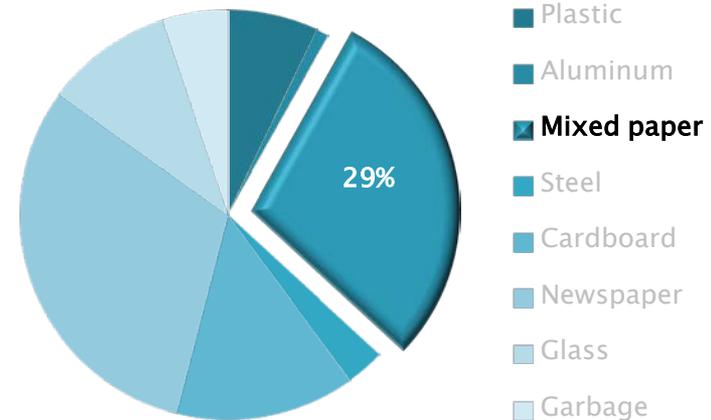
**Yes:** Phone books, mail, magazines, catalogs, envelopes, boxboard (cereal, shoe), and paper bags

#### **Maybe (some programs accept):**

Frozen food boxes, shredded paper, milk cartons, juice boxes, 'plastic coated' cartons, egg cartons, soda and beer cartons, aseptic cartons, ice cream cartons, paper cores/rolls, gift wrap, paperback books

**No:** Paper towels, plates and cups, napkins, tissues, food contaminated paper, and metallic gift wrap

### How much is in the cart (by weight)?



**Issue:** Loose shredded paper can fail to land inside truck and litter the street.



# Mixed Waste Paper (MWP)

## Processing

- ▶ **Quality of incoming:** Fair
- ▶ **Key Problems:** Small sizes and fiber types included in collection that no end-user wants (not ONP, OCC or MWP).
- ▶ **Not recovered:** Small or wet fiber
- ▶ **% of Revenue:** Combined with MWP - 62%

## Markets

- ▶ **Domestic/Local:** The same mills reported for ONP end up being markets for MWP because so much MWP gets sold as ONP.
  - ▶ **Export:** China – Nine Dragons Paper Industries (7 mills) & other small Chinese mills
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# Questions?

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