



CARTON COUNCIL



www.recyclecartons.ca

Events

February 2019

Isabelle Faucher, Carton Council of Canada's Managing Director, presented an overview of the carton industry's efforts to support the transition to a circular economy at the [Canadian Health Food Association](#) conference in Vancouver. [Learn more](#)



May 28-30, 2019

Carton Council of Canada is a proud sponsor of the Municipal Waste Association's Spring Workshop, which will be held at the Deerhurst Resort in Huntsville, ON. [Learn more](#)

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CARTON COUNCIL OF CANADA NEWSLETTER

Spring 2019

MRF INNOVATIONS WORTH CELEBRATING

ONE OF CARTON COUNCIL OF CANADA'S MAIN OBJECTIVES IS TO HELP optimize carton sorting efforts of Material Recovery Facilities (MRFs).

Carton Council of Canada advocates for positive sorting of cartons into a separate grade (grade PSI-52) because it offers the greatest environmental and financial benefits. On the environmental side, sorting of cartons into grade PSI-52 ensures that the highest fibre yields are achieved, as well as allowing for the recovery of the polyethylene and polyethylene/aluminum residuals (PolyAl). In terms of financial benefits, the price paid for cartons is typically higher than for other fibre commodities.

Over the last six months I have toured a number of facilities and I have had the privilege of seeing a wide range of MRF initiatives in support of positive carton sorting:

- [The Sani-Eco MRF](#) in Granby, QC is the first in the country to install a robot on its line. Manufactured by equipment supplier [Machinex](#), the unit is named SamurAI. Featured in Canadian media coverage including [Radio-Canada](#) and [Recycling Product News](#), the robot's key benefits include high sorting efficiency as well as ability to continuously "learn" as they work. It also helps alleviate some of the significant labor shortage issues faced by several MRFs across the country. When asked why cartons were chosen as one of the two commodities to be sorted by the robot, Julie Gagné, Director of

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SamurAI robotic unit. Photo credit: Machinex Industries Inc.

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INNOVATIONS FROM THE MRF WORLD WORTH CELEBRATING, CONT'D

Operations, explained that cartons' relatively uniform shape as well as their volume made them a good candidate.

- Due to layout and logistical constraints, the [Tricentris MRF](#) in Gatineau, QC was previously sorting cartons in a manner they considered "sub-optimal". This involved using small mobile carts for cartons rather than a dedicated bunker. In early 2019, the MRF undertook a project to split an existing bunker in half. The manual sorter assigned to the positive sort of cartons was also reassigned to a more optimal work station on the container line. This has allowed the facility to double their carton volume production from 5 to 10 tonnes per week. This project demonstrates the type of performance improvements that are possible through improved processing.
- The small MRF in Port-Cartier, Qc operated by [Ressource de Réinsertion Le Phare](#) whose mission is to provide employment to individuals with limitations processes 4,000 tonnes of recyclable materials per year coming from the Sept-Iles and Port-Cartier areas. According to Nathalie Hebert, Sales Coordinator for Le Phare, "We started sorting cartons positively in early 2018, mainly because of the closure of the Chinese markets and the need for us to get cartons out of our mixed papers. We also heard loud and clear from residents, when they toured our facility, that they wanted cartons recycled to their highest value."

This is just some examples of the innovative work that MRFs are doing across the country. While we know that one size doesn't fit all, we applaud this kind of creative thinking and resourceful use of technology that inspires new and productive solutions every day.

Carton Council of Canada is here to support MRFs, whether through education materials, technical advice, or connecting you with a potential buyer for the Grade #52 commodity. We are just an email or phone call away!

POSTERS AVAILABLE FOR MRFS AND MUNICIPALITIES

Do like Tricentris' Lachute facility and order some posters from Carton Council to help sorters easily identify cartons. Simply [contact us](#) to request this free resource!





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FROM LEFT TO
RIGHT: RPRA
(TORONTO) AND
EEQ (MONTREAL)
OFFICES BOTH
FEATURE
WALLBOARD MADE
FROM 100%
RECYCLED FOOD
AND BEVERAGE
CARTONS.^{NS}



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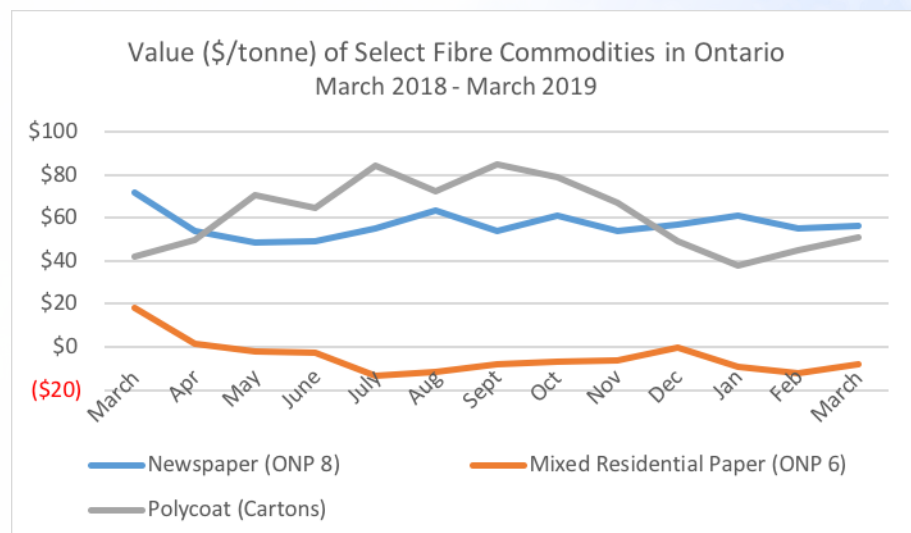
OFFICES OF STEWARDSHIP ORGANIZATIONS ACROSS THE COUNTRY FEATURE WALLBOARD MADE OF RECYCLED CARTONS

In addition to paper-based products, cartons can be recycled into sustainable building products. The company [Continuous Materials](#) (formerly known as ReWall) in Des Moines, Iowa, makes wall board and roofing cover out of used beverage cartons.

The [Resource Recovery and Productivity Authority](#) in Toronto, and [Éco Entreprises Québec](#) in Montreal, both feature wallboard made of recycled cartons in their respective renovated offices, one of several environmentally-friendly materials used. Vancouver-based [Recycle BC](#) is also in the process of procuring this material for its new offices, which will be ready later this spring.

MARKETS UPDATE

As shown in the graph above, the value of polycoat (grade PSI-52) remains significantly higher than that of residential mixed paper, and almost at par with newspaper (ONP # 8). Source: [CIF Price Sheet](#)





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END-MARKETS & BROKERS

Please note: End-markets have their own purchasing specifications and requirements. Some may buy directly from generators of grade PSI 52 while others may use their existing sourcing network or the brokers/traders listed below to purchase their volumes of post-consumer cartons.

UNITED STATES

- **Continuus Materials (formerly ReWall)**, Des Moines, IA
- **Great Lakes Tissue**, Cheboygan, MI
- **Sustana (formerly Fox River Fiber)**, De Pere, WI

ASIA

- **Daewang Paper Co. Ltd.**, Gunpo-si, S. Korea
- **Daewon Paper Co.**, Pochun, S. Korea
- **Samjung Pulp Ind. Co. Ltd.**, Godeokmyeon, S. Korea
- **Shin Chang & Paper Industry Co. Ltd.**, Chungchongnam-Do, S. Korea
- **Kyungbo Paper**, S. Korea
- **Ssangyong C&B**, S. Korea
- **Kleannara**, S. Korea
- **Prince**, S. Korea
- **Sinchang**, S. Korea
- **Fiber Pattana***, Bangkok, Thailand
- **Paper Corea**, Gunsan, South Korea (Expected Jan. 2019)
- **Deluxe Recycling**, India

**These end-markets consume used aseptic loads only*

MEXICO

Mills consuming cartons:

- **Biopappel**, Tres Valles, Veracruz State
- **Celupak**, San Juan Del Rio, Queretaro State
- **Fabrica de Papel San Jose**, Texcoco, Estado de Mexico
- **Imerssa**, Zumpango, Estado de Mexico
- **Kimberly-Clark**, Orizaba, Veracruz State
- **Recicladados del Izta**, San Rafael Tlamanalco, Estado de Mexico
- **SCA**, Ciudad Sahagun, Hidalgo State
- **Ziklum**, Acolman, Estado de Mexico

CONSUMERS OF POLY/ALUMINUM AND POLY RESIDUAL:

- **Ecolaminados**, Morelia, Michoacan State
- **Ecomadera**, Jiquilpan, Michoacan State
- **Grupo Tea**, Zumpango, Estado de Mexico
- **IMERSSA**, Zumpango, Estado de Mexico
- **PLACOVE**, Toluca, Estado de Mexico
- **Q.F. Mex**, Mexico D.F
- **Ziklum**, Acolman, Estado de Mexico Ecolaminados, Morelia, Michoacan State

BROKER	LOCATION	CONTACT
Ace Fibers Ltd.	Mississauga, ON	acefiberltd@gmail.com
Berga Recycling	St-Eustache, QC	gates@bergarecycling.com
Canada Fibers Ltd.	Toronto, ON	toml@canadafibersltd.com
Colin Johnston Trading	St. Catherines, ON	colin@colinjohnstontrading.com
Ekman Recycling	Brockville, ON	bill.renkema@ekmangroup.com
ICF Global, Inc.	Temecula, CA	paulchung01@gmail.com
Newport CH International Llc	Orange, CA	chahne@newportch.com
North South Fibers	Brossard, QC	emurphy@northsouthfibres.com
Omnisphere	Miami, FL	avaldes@omnisphere.net
Pinnacle Fibres Inc.	Montreal, QC	r.khanna@pinnaclefibres.com
Potential Industries, Inc.	Wilmington, CA	tony.fan@potentialindustries.com
Recyclage Laroche	Candiac, QC	gerry@larocherecycling.com
Recyclable Materials Marketing (ReMM)	Brantford, ON	duane@remm.ca
Storelli Recycling Company	Ft. Lauderdale, FL	paul@storellirecycling.com
The Paper Tigers	Bannockburn, IL	nhalper@papertigers.com

The brokers listed above are known to the CCC as brokers of post-consumer cartons (PSI-52 grade). The list is presented for consideration only and does not contain all available options. Please conduct proper due diligence when selecting a broker to ensure pricing and services are competitive and suited to your needs.