

Connector

INSIDE

Building Tomorrow in Lake Louise 1

Guest Letter 3

Think Green Success Story:
Calgary Blue Cart Program
Wins PMI Award 4

**RCA Ambassador Program
Gears Up for 2011** 5

**RCA Honours Waste
Reduction Winners** 6

**Waste Reduction
Week 2010** 8

**RCA Members Elect
New Board of Directors** . 9

News 10

Coming Events 21

Market Updates 21



*Recycling Council
of Alberta*

www.recycle.ab.ca



Conference delegates enjoy a guided nature walk

Building Tomorrow in Lake Louise

The RCA's annual waste reduction conference, "Building Tomorrow", was held October 13-15 at the Fairmont Chateau Lake Louise. This year's event saw close to 250 attendees participate in tours, technical sessions, exhibits and networking opportunities.

Delegates were treated to a conference welcome from Cal Dallas, parliamentary assistant to the Minister of Environment. Other featured speakers included Jennifer Koole, who shared her fascinating experiences working on the design of Masdar City, a futuristic community in Abu Dhabi. Speakers truly covered the breadth of this country, from Nanaimo to Newfoundland, with topics as varied as nanotechnology, composting and corporate leadership. And what better way to close the conference than with our favourite adopted Canadian, Jerry Powell from Resource Recycling, who always brings us a thought-provoking vision of the future.

As always, extensive networking opportunities were well utilized by attendees, from the oversubscribed ARMA welcome dinner and awards, followed by the welcome reception and team-building scavenger hunt, to the sumptuous Construction Banquet and fun-filled after-party, in addition to additional refreshment breaks throughout the

continued on page 2

Connector

Published quarterly by the
RECYCLING COUNCIL OF ALBERTA
for the information of its members.

Publisher – Recycling Council of Alberta
Editor – Christina Seidel

Connector

c/o Recycling Council of Alberta
Box 23, Bluffton, AB T0C 0M0
Tel: 403.843.6563 Fax: 403.843.4156
info@recycle.ab.ca
www.recycle.ab.ca

Alberta's Recycling Hotline

1.888.463.6326
www.recyclinghotline.ca

Advertising Rates

1/8 Page \$55.00
1/4 Page \$105.00
1/2 Page \$180.00
Full Page \$320.00
10% discount to RCA members

Editorial Policy

The editors retain the right to edit material submitted for publication for length, clarity, accuracy, objectivity and taste.

Recycling Council of Alberta

Board of Directors

President – Jason London
Vice President – Sarah Begg
Secretary – Maegan Lukian
Treasurer – Anne Auriat

Executive Director – Christina Seidel

Directors – Dean Brawn, Cherie Cohen,
Ray Dumouchel, Paula Elliott,
Sharon Howland, Tami Rothery,
Shawn Searle, Joanne Walroth,
Dan Zembal

Liaison Members – Melanie Cooke,
Mary Grace Curtis, Ross Boutillier/
Trent Tompkins, Linda McDonald,
Dave Schaaf, Alberta Environment

RCA Patrons

Platinum Patron – Alberta Environment

Gold Patrons – Alberta Beverage
Container Recycling Corporation, Alberta
Used Oil Management Association,
Beverage Container Management Board

Silver Patrons – Alberta Recycling
Management Authority, City of Calgary,
City of Edmonton, EcoCoat Recycled Paint,
NOVA Chemicals Corporation

Bronze Patrons – Bio-Cycle Nutrient
Solutions Ltd., Davis LLP,
Duncan & Craig LLP, eCycle Solutions Inc.,
The Garbage Company Inc.,
Merlin Plastics, METRO Waste Paper
Recovery Inc., Molson Coors Canada,
Recycle-Logic Inc., Strathcona County,
Suncor Energy Inc., Vitreous Glass Inc.,
Waste Management of Canada Corp.

continued from title page

technical program.

One of the reasons the RCA chooses Fairmont Hotels is their environmental commitment. As part of this focus, with the assistance of the Bow Valley Regional Waste Management Commission, the Chateau was able to divert 835 kg of food residuals for composting at the Town of Banff. We hope that this successful experience will lead to an ongoing organics diversion program at the Chateau.

As with many RCA activities, this successful event could not have taken place without the support of our very generous sponsors. Thanks also to our volunteers, as well as delegates, who made this event truly memorable. Proceedings are available for download at www.recycle.ab.ca/proceedings.





Recycle Systems
Equipment for solid waste and recycling

Sales • Parts • Service

- Harris Two Ram Balers
- Selco Single Ram Balers
- Mosley Parts

- Conveyors/Sort Systems
- Downstroke Balers New/Used
- Compactors/Containers

Western Canada's only factory authorized Harris/Selco distributor

Recycle Systems • 888-453-9300 • www.recyclesys.com

Guest Letter

Date: October 15, 2010
Attention: Recycling Council of Alberta
Re: "The Future of Waste Management Systems" presentation

In regards to my talk on the topic of "Municipal Waste Systems of Tomorrow" I understood that I was to predict changes in the waste industry over the next ten years.

Such a topic obviously required a great deal of generalization (even sweeping generalizations) and I attempted to note this at the outset of my talk.

However, it seems that I have given offense, rather inadvertently, to several professionals and Alberta Recycling Council members who believe I mis-portrayed the process of composting. Although it is good to see people of passion willing to stand-up for environmental interests and the process of composting, I also must note that these same individuals badly mis-understood my presentation; even to the point that one individual felt it necessary to move that the RCA not "endorse my presentation".

I feel this requires a more formal response from myself. I would like to clarify that the central thrust to my talk was that the single most likely change the waste industry is likely to see over the next ten years is the transition of many large landfills from being landfills to being transfer sites.

This transition has particular effects on each of the three major components of waste: recyclable materials, compostable materials, and residuals. Obviously, I indicated that former landfill sites are usually provided with good lanes of transport and act well to bulk load and transfer residual wastes to more "periphery" landfills but this comes at a cost and puts added pressure to recycle and compost.

Recycling Facilities have fixed footprints and are therefore convenient to site at these former landfills/ newly-become-mega-transfer-sites and that leaves us with compostables.

This is where I believe many individuals misunderstood that my discussion was not "what should be" but instead, "what is and what might be".

Currently, composting for a landfill is a good proposition, and once more here I must caution people that I am most certainly speaking in grand generalizations and not aiming an accusation or judgement on any particular landfill. Tipping fees are levied to take in compostables and generate what is essentially soil. This soil can then be used as Alternative Landfill Cover. Using finished or partially finished compost as Alternative Landfill Cover offsets a great deal of transport and purchase cost of soil for cover that would otherwise have to come from outside the landfill at a significant cost to the landfill site operator. This is simply an accurate portrayal of what many landfills do in fact do and is in *no means an endorsement or suggested practice* nor a condemnation – I will leave those arguments and assertions to others as I, for one,

have never undertaken to compare the environmental cost of moving fresh soil into a landfill to use as cover versus using available finished compost that may be present at the landfill site from composting operations.

However, on the topic of what we might see change in the waste industry I had to ask myself "what will happen then, when the landfill transitions into becoming a transfer station? What will they do with the finished compost product then?"

This is a similar plight to many compost sites that do not operate at landfills and are often stuck with an ever-growing accumulation of material that is difficult to market. Again, this is not true of all compost sites, but it *is* a fair generalization. Many compost sites that are not on Landfills must devote significant efforts to finding outlets for their finished products in Alberta and it does become burdensome.

At this point, I merely hypothesized that a large landfill moving thousands of metric tonnes of material a month might be inclined to look at this and attempt to improve the profitability of the composting process by, once again, finding an "on-site" use from the process... in this case, I suggested that if these mega-transfer stations opted for anaerobic digestion, this would give them another product to market generated from the compost process, in this case, energy or compressed gas. This would of course not relieve them of the question of what to do with the finished "digestate", but it might make a compelling business case nonetheless. This was only floated as an option and I believe I did a fair (if overgeneralized) account of advantages versus disadvantages of going either the anaerobic digestion or open compost route and I did not even attempt to conclude that one was "better" than another, only that there were some distinct differences.

I do, once again, apologize if my hypothetical musings came off as more than that, but I also must question whether all audience members were actually granting me the benefit of the doubt while bearing in mind that this was a HIGHLY HYPOTHETICAL talk that required a GREAT DEAL OF GENERALIZATION from the very outset.

I also must note that currently Ever Green Ecological Services transports over 1400 metric tonnes of compostable material to compost sites per Summer month, and that we were actually quite instrumental in developing and promoting these services.

I must ask you to please copy and circulate this to RCA members as I feel it is actually my own intents and thoughts that have been besmirched far more than anything I said about composting. I must again emphasize that what I did in fact say was quite clearly misunderstood and I do apologize for this.

Best regards,
Lorenzo Donini
Ever Green Ecological Services
www.evergreeneco.ca

Think Green Success Story

Feature sponsored by



www.wm.com/thinkgreen

Calgary Blue Cart Program Wins PMI Award

The City of Calgary was a big winner at the Project Management Institute – Southern Alberta Chapter's 2010 Awards Gala held on November 9 in Calgary. The City won three of the four awards that were up for grabs! The City's implementation of the Blue Cart recycling program won the award for Project of the Year – Community Advancement.

The implementation of Blue Cart recycling to the City of Calgary's residents marked a significant change for recycling in the province of Alberta, as it was the first large-scale cart-based collection system. It has made recycling more convenient



Dave Griffiths, Audrey Kuzyk and Paula Magdich accept the PMI Award on behalf of the City of Calgary.

for residents and has allowed the City to expand the types of material being collected for recycling.

This project was selected because of its demonstration of industry best practices through a comprehensive planning and implementation process, extensive stakeholder engagement and lessons learned, an emphasis on customer service and competent project teams!

More information on the PMI and the awards can be found at www.pmisconference.com/gala/2010-pmi-sac-award-winners.

Source: City of Calgary



Doug Wilson (in full safety gear), Curran Chronik (with home-made giant hammer) and Barry Pitcher (in leg brace) were finalists for the best costume award at the RCA's "Construction Banquet" during the "Building Tomorrow" Conference. Doug was drawn as the lucky winner of a free registration for next year's conference. Congratulations!

Do you have a Waste Reduction Success Story?

Submit details on your successful business or municipal program to info@recycle.ab.ca, fax 403.843.4156 or phone 403.843.6563 for further details.

RCA Ambassador Program Gears Up for 2011

Are you looking for one or more keen environmentally-oriented individuals to economically assist with specific tasks or projects next summer? Look no further – RCA's Recycling Ambassadors can help.

The RCA hires a group of university/college students each year to carry out important education and technical projects from May through August. The students travel throughout Alberta delivering these projects, while gaining valuable experience that assists them in their education and career pursuits.

Examples of projects with which the Ambassadors are ideal to assist include public information events,

surveys, waste audits and other field research.

Project duration can vary from one day to 4 months. Recycling Ambassadors bring an environmental, marketing or technical background, combined with a keen interest in applying their educational experience, as well as the support of the RCA administration and Board.

If you have a project that may benefit from the involvement of the RCA's Recycling Ambassadors, email info@recycle.ab.ca or give us a call at the RCA office (403.843.6563) to discuss your requirements and rates.



The 2010 RCA Ambassadors during training week.



Helping municipalities achieve their organic waste diversion goals.



Small Kitchen bags for under the counter organics containers*



Tall Kitchen bags for large Green Bins and tall kitchen containers

Accepted for use in municipal jurisdictions across Canada including:

Prince Edward Island, Montreal – Quebec, Durham Region, Halton Region, Peel Region, York Region, Simcoe County, Niagara Region, Hamilton – Ontario, Brandon – Manitoba, Strathcona, Spruce Grove, Cold Lake – Alberta, Regional District of Nanaimo, Cowichan Valley (ie Ladysmith) – BC

Please contact Glad Canada for additional information (905) 595-8357

*Replacing Small Green "See through" 52ct Plastic Bags that have been discontinued.

Recycling Council of Alberta Honours Waste Reduction Winners

The Recycling Council of Alberta (RCA) unveiled the winners of their annual Rs of Excellence Awards at their annual conference held in Lake Louise. Deserving businesses, organizations, municipalities and individuals were honored for their outstanding contributions to waste reduction, recycling and resource conservation in Alberta. Awards were presented to the following recipients in their particular category.

Corporate Leadership Award: Shaw Conference Centre



The Shaw Conference Centre (SCC) has been working to become a leader in environmental and social corporate responsibility. In 2008, they introduced Simple Steps – a program designed to

create a sustainable culture within the building.

- In 2009, the SCC diverted 110 tonnes of organic waste through its composting program (50% of daily waste).
- 40,000 lbs of cardboard recycled annually.
- Expanded recycling program to include cardboard, batteries, used building supplies and all acceptable plastic products.
- The ECO Report Card, a self-monitoring assessment tool for clients, is the first of its kind among the event services industry. It provides information on pre- to post-event practices, hotel practices, delegate behaviours and a waste diversion rate.
- SCC created the Sustainable Event Planning Guide to assist clients in starting the 'greening' process. This guide is a comprehensive document that gets event planners thinking about the environmental and social impacts of their event.
- The SCC launched a formal food recovery program in partnership with the Edmonton Food Bank, which donates unused, leftover nutritious foods from their many events to people in need.

Institutional Leadership Award: Calgary Board of Education



The Calgary Board of Education (CBE) feels that it is paramount to set an example with students and help them form sustainable behaviours early on in life, which is why they have taken action for not only reducing waste, but

becoming better environmental stewards.

In 2007, the EcoTeam devised a five year implementation plan of all the environmental initiatives they wished to accomplish; one of which was hiring a Waste & Recycling Coordinator to aid in the aggressive goal of reducing the CBE's waste destined for the landfill by 50% by 2012. This framework was the basis for all new programs and aimed to increase environmental literacy and stewardship within the organization.

A waste audit was conducted to determine a baseline and reduction plan. Recycling includes paper, electronics, metal, batteries, books, tires, aggregates, and toner cartridges.

Through these programs, the CBE has reduced its waste by 168 cubic yards per month, or 2016 cubic yards every year!

A new co-mingled recycling program (similar to the City of Calgary residential Blue Cart program) is being offered to schools. The next challenge the CBE is tackling is the issue of organic waste; starting in the fall of 2010, two schools will be piloting an organics collection program.

The programs are all led by the EcoTeam at the CBE, not just by words but through their example as well. The office has its own vermicomposter, in addition to recycling bins. All members work as a team; while the Waste & Recycling co-ordinator implements the mechanics and processes, the Curriculum consultant works on connections to the classroom.

Zero Waste Event Award: University of Alberta, President's Staff Appreciation Picnic



The President's Staff Appreciation Picnic is an annual event organized to recognize contributions made by support staff at the University of Alberta. The picnic is extremely popular and each year over 3500 people join in the celebration.

In 2009, event organizers worked with several departments across campus to deploy an array of sustainability strategies, which led to the event becoming waste-free and carbon neutral. Over 1.2 tonnes of waste was diverted from disposal, and event organizers seized the opportunity to provide education about the importance of recycling and composting on campus to thousands of University staff.

Strategies employed included:

- Eliminating paper tickets
- Sending invitations to all staff by email.
- Using 100% biodegradable utensils, plates and cups that were collected for composting after use.
- Eliminating the use of bottled water.
- Instead of using the caterer's normal heavy duty vans, Building and Grounds Services staff helped the caterers transport the food from their kitchen on campus to the venue via light-weight electric carts used in the University's groundskeeping.
- Electricity used on-site by the DJ and caterers was offset by Bullfrog Power. A decision was made to forgo a stage with a microphone system to conserve energy. One tonne of gold standard carbon offsets was purchased to cover any remaining non-electricity emission sources.
- The University hopes to build off the success of this project by implementing a framework for green event planning across campus. The Office of Sustainability is currently developing an information package for groups, Faculties, and Departments across campus on how to plan and carry out sustainable events.

Wondering Where to Recycle Your Stuff?

Visit **Alberta's Recycling Hotline** at www.recyclinghotline.ca or phone 1.800.463.6326

Municipal Leadership Award: City of Lethbridge, Facility Services – Environmental Deconstruction Initiative



Aligning with City of Lethbridge environmental interests, for the past three to four years, Facility Services has taken a responsible attitude to

mitigate the impact on the environment when a City facility or building has reached the end of its useful lifecycle and must be removed. 'Deconstruction' is the selective dismantlement of building components, specifically for reuse, recycling, and waste management. It differs from demolition where a site is cleared of its building by the most expedient means.

Facility Services has adopted a process known as 'waste streaming' in which the various building elements are assessed and identified prior to deconstruction so they can be diverted accordingly.

Some of the deconstruction projects performed by the City of Lethbridge, Facility Services include:

- Bridge Inn Hotel (55.4% waste diverted)
- Village Inn Motel (90% waste diverted)
- Auto Appearance Center Warehouse (95% waste diverted)
- Multi-Facility Deconstruction Project (92% waste diverted)

In adopting deconstruction as a responsible means of building disposal, to date Facility Services has successfully diverted 4,674 tonnes of C&D (or the equivalent volume of 34 houses) from entering local landfills, in turn resulting in only 625 tonnes being landfilled.

Ecotainer Sales Inc.

Recycling Equipment
& Container Systems

Tom Button
Sales Manager

phone: (604) 535-7293
toll free: (800) 561-6525
fax: (604) 535-7967
email: tom@ecotainer.ca

2253 Harboureene Dr.
Surrey, British Columbia
Canada V4A 5J3

web: www.ecotainer.ca



We sell and service
EXCEL Balers



Waste Reduction Week 2010

In 2010, the national Waste Reduction Week (WRW) logo came to life. Atlas, holding the weight of the world on his shoulders, was the focus of the national poster. In Alberta, these posters were distributed to schools, libraries, businesses, municipalities and individuals. Atlas encouraged Canadians to help ease his load and reduce their waste by making simple environmentally-conscious choices.

Through various activities and special events, Albertans did their part to celebrate WRW and help Atlas ease his load. Presentations, contests, displays, and numerous other events were held across the province. Several communities made municipal WRW proclamations. Anyone visiting a Tim Hortons store or drive thru in Alberta during October, was able to see a digital ad promoting Waste Reduction Week.

The week kicked off with a Green Your Business webcast at the Business Link, broadcast to a number of locations across the province. There were several Clean Bin Project presentations in Calgary and Cochrane, where audiences were introduced to a couple from British Columbia who went head-to-head in a year-long competition to answer the question "is it possible to live completely waste free?". National WRW sponsor, Canadian Wireless Telecommunications Association (CWTA), presented Recycle My Cell challenge collection materials to James Fowler School and Mount Royal University in Calgary, as part of the national WRW wireless device recycling contest for secondary and post-secondary institutions.

Once again, Ministerial visits to schools across the province were a big hit. Students in Calgary, Red Deer, Medicine Hat and Edmonton showcased their waste reduction activities with Environment Minister Rob Renner and MLA and Parliamentary Assistant Cal Dallas and their local MLAs. In support of their efforts, students were given Cool-Cups to help reduce waste in their school lunches.

The grade four Triple StaRs Waste Reduction Challenge saw a large jump in registrations over last year. This Program raises awareness of the 3Rs and

complements the science curriculum, making it easier for teachers to implement. Challenge winners will be announced in December.

To end the week, the third annual WRW radio remote was held



RCA Director Ray Dumouchel launches his radio career

at Habitat's north side ReStore in Edmonton. RCA Director Ray Dumouchel was interviewed by Capital FM, along with Habitat's Alfred Nikolai and the ReStore Manager, Jeff Harrison. The RCA set up a display and interacted with customers, sharing the waste reduction message. This year, a scrap metal drive initiative was added to their WRW event.

A great big THANK YOU goes out to all our sponsors, without whose support Waste Reduction Week in Alberta would not have been such a success.

Mark your calendars for next year's campaign, October 17 – 23, 2011. Make every week Waste Reduction Week!



Environment Minister Rob Renner speaks with students in Medicine Hat

2010 WRW in Alberta Sponsors



RCA Members Elect New Board of Directors

At the October 14, 2010 AGM at Chateau Lake Louise, RCA members elected a new board of directors, shown in the picture to the right.

In keeping with the newly adopted bylaws, at the first RCA board meeting following the AGM, the board elected the following Executive Members:

President – Jason London

Vice President – Sarah Begg

Secretary – Maegan Lukian

Treasurer – Anne Auriat

Completing the board are directors Dean Brawn, Cherie Cohen, Ray Dumouchel, Paula Elliott, Sharon Howland, Tami Rothery, Shawn Searle, Joanne Walroth and Dan Zembal.

The RCA also includes a number of liaison members that attend meetings for information and communication sharing: Ross Boutillier/Trent Tompkins (City of Edmonton), Melanie Cooke (City of Calgary), Mary Grace Curtis (City of Red Deer), Linda McDonald (Alberta CARE), Dave Schaaf (City of Lethbridge), Alberta Environment.



Standing (left to right): Jason London, Paula Elliott, Sharon Howland, Joanne Walroth, Anne Auriat, Dan Zembal, Ray Dumouchel; Sitting: Maegan Lukian, Shawn Searle, Tami Rothery, Cherie Cohen, Dean Brawn, Sarah Begg

One Simple Act can change the world. What will you do?



onesimpleact.alberta.ca

Government of Alberta



www.capital-paper.com

Capital Paper Recycling Ltd in Calgary & Edmonton has been setting the Industry standard in service and performance for over 15 years.

We specialize in the following:

- Baled Cardboard & Paper Pickups*
- Baler & Baling Wire Sales*
- Compactor Sales & Installation*
- Plastics/Electronic Recycling*
- Bulk Paper/Cardboard Purges*
- Now Servicing locations from BC to Ontario*

CALGARY – ph: (403) 543-3322
fax: (403) 543-3325

EDMONTON – ph: (780) 421-8047
fax: (780) 482-2472

Proudly Canadian

Broker ~ Packer ~ Grader

ALBERTA NEWS

Albertans Deposit More Beverage Containers Than Ever Before

Albertans have set a new record in beverage container recycling – close to 83% of containers are currently being recycled across the province. This is an increase of more than 5% in the last two years, due in large part to an increase in deposit-refund amounts and focused education campaigns.

“Albertans are embracing beverage container recycling like never before,” said Rob Renner, Environment Minister, during this year’s Waste Reduction Week. “Despite these positive results, we still need Albertans to keep recycling if we are going to reach our goal of an 85% overall return rate.”

More than 2.3 billion beverage containers are sold in Alberta every year and about 1.9 billion are returned to bottle depots for recycling. This means approximately 400 million beverage containers are still going into landfills instead of being recycled.

2010 Winner of Airdrie’s Eco Edge Award

The City of Airdrie’s Environmental Advisory Board awarded its 2010 Eco Edge Award to Global APE, a Fair Trade and environmental retail store specializing in unique sustainable products that promote consideration and protection of our animal and bird friends, conservation of our resources, and treat the artisan and farmer with fairness, respect, and dignity. At Global APE, you’ll find one of a kind gifts, eco-friendly alternatives for daily living, and organic and Fair Trade food and beverage products. They also operate a full-service travel agency specializing in adventure travel.

Source: globalape.ca

Mark Jette & John Spoletini of MJS Recycling Recognized as Alberta Construction Magazine Movers & Shakers of 2010

Mark Jette and John Spoletini of MJS Recycling were featured in Alberta Construction Magazine as industry movers and shakers for 2010. Mark and John operate MJS Recycling east of Calgary, where construction and demolition materials are diverted from landfill. On-site processing includes making wood into bedding for agricultural feedlots and drywall into compost and soil amendment.

Both are inventors at heart, constantly working to come up with new ways of lowering the cost of recycling, as well as developing recycling opportunities for more products. They power the site with a natural gas generator that’s shut down at night, design and build their own equipment and trucks, and are now working on a recycling method for vinyl siding, which will allow them to keep up to 85% of waste from residential projects out of landfills.

Source: Alberta Construction Magazine

Metro Waste Paper Recovery Changes its Name to Cascades Recovery

On October 20, 2010, Metro Waste Paper Recovery Inc., a major North American player in the business of managing discarded materials for the industrial, commercial, retail and graphics sectors, changed its name to Cascades Recovery Inc. This evolution is based on a common ownership, a strong business relationship and a wish to strengthen the bond even more.

As a member of Cascades Specialty Products Group, Metro Waste has become an integral part of Cascades’ supply chain and supports its sustainability goals and responsible products. Through the recovery systems, a much wider range of materials are now recovered and transformed into paper and packaging.

Cascades Recovery offers unique services by providing a comprehensive approach that manages the diversion of discarded materials for uses other than landfill or incineration. A customized material recovery plan is developed for each customer and packaged under *Recovery ...PLUS*. The ‘PLUS’ takes the efforts beyond ‘Recovery’, incorporating program efficiencies into the business processes, ensuring that every effort is made to find beneficial uses for all materials and validating the benefits of using products made from recyclable materials.

For more detailed information contact Al Metauro at 416.232.8808.



WAVOR WIRE LTD.

- Pre-looped Bale Ties
- Black Annealed Carrier Wire
- 100# Box Wire
- US Wire Tie Parts
- Galvanized Carrier Wire
- New & Used Balers

Toll Free 1-888-889-2867 ~ joss@wavorwire.com ~ www.wavorwire.com



Questions to ask any new potential eWaste Recycler

- ❖ *How many years experience do they have with municipal collection sites in Alberta?*
- ❖ *Do they have any references for current Municipal customers?*
- ❖ *What machinery is used to process and environmental impact of same?*
- ❖ *How much eWaste do they currently have that has not yet been processed?
How long have they had this material?*
- ❖ *Method of packaging - cost of labor of this method.*
- ❖ *Schedule of pickup - how many days after the request is submitted will they pick up?*

Recycle- Logic Inc.

- ❖ ***in business in Alberta since March 2004, Alberta owned and operated.***
- ❖ ***has over 100 drop-off sites throughout Alberta.***
- ❖ ***uses all hand tools and rechargeable batteries: On average our electric bill is \$450.00 per month.***
- ❖ ***uses a "just in time process", with no eWaste being stockpiled.***
- ❖ ***offers their customers 20-foot closed topped sea cans, eliminating extra labor costs and ensuring security of the Electronics collected.***
- ❖ ***typically pick up within a couple of days of request of service (depending on your area).***

Visit our: **Calgary eWaste Recycling Drop-off**

Drop off: Televisions, Computers, Monitors, Printers and ANY other Electronics at NO charge

Calgary's Currie Barracks: (Turn off Crowchild onto Flanders Ave, go thru main gate of the Barracks, turn left at 4-way stop sign, immediately turn right at first driveway)

Open: 7 days a week 10:00 AM - 5:00 PM

Please bring a non-perishable food item for: Calgary Interfaith Food Bank

Convenient "Drive-Through" Service

Visit www.recycle-logic.com for more info or call 1-403-348-0770

Proud to be Canadian



Based in Alberta

CANADIAN NEWS

Cameras Tracking Waste in Central BC

Tossing a recyclable pizza box out with the trash will soon be a costly mistake for some Okanagan residents. Regional waste officials want to use camera-equipped garbage trucks to film what gets dumped and make sure people are recycling properly. Since the district introduced a three-bin system last year, providing garbage, recycling and yard waste bins for each household, waste contamination has become a big problem. In the new plan, the cameras will be able to record what's thrown out so city staff will have proof of bad behaviour. Mixing things like cardboard, batteries or electronics in with the garbage will net a warning, a fine of up to \$100, or even the cancellation of curbside pickup.

Source: The Ottawa Citizen

Waste-Collecting Cyclists Put a New Spin on Composting

A street peddler of a different kind, Darren Douglas rides a \$4,000, custom-built tricycle through Victoria's downtown, picking up organic waste from businesses. The zero-emission service, called reCYCLISTS, is the ultimate in green recycling.

ReCYCLISTS is the green vision of Aaron Bichard, 34, and Jason Adams, 36.

Aaron started the idea three years ago in Duncan, BC, where he started picking up recyclable materials by bike. Looking to Victoria's dense downtown, he realized the capital could be well-served by bikes that can wheel into spots unsuited to bigger vehicles.

Meanwhile, in 2002, Jason started reFUSE in Victoria, using trucks to pick up organic waste and recyclables.

Since the launch of reCYCLISTS two weeks ago, seven businesses are paying for the service, which starts at \$40 a month for pickup once a week. But the two owners expect hundreds in a city known as Canada's cycling capital. A proposed ban of all food waste, effective May 2012, at Victoria's Hartland Landfill, is also expected to boost business.

To encourage the venture, the Downtown Victoria Business Association partnered with reCYCLISTS, paying \$11/hour to collect organics.

Organic material is trucked to a facility about a half hour north of Victoria to be transformed into compost, sold as reSOIL.

Source: The Globe and Mail

Beverage Container Recycling in Nunavut Not Feasible

An independent evaluation of Nunavut's pilot beverage container recycling projects has determined that recycling is not a cost-effective means of reducing waste in the territory.

The evaluation, conducted by Dillon Consulting, found that the costs of operating pilot beverage container recycling projects in Iqaluit, Rankin Inlet, and Kugluktuk are very high, while the amount of waste they reduce is minimal. The projects divert only 2-3% of waste from landfills.

The Department of Environment and the Department of Community and Government Services (CGS) are working together to examine the territory's solid waste management practices as a whole. CGS is also taking the lead on establishing a Nunavut-wide solid waste management strategy.

The strategy will examine a number of options for solid waste management in the territory, including recycling, incineration, and gasification. It will also take into consideration environmental concerns, operational sustainability, and long-term goals that incorporate life-cycle costs and benefits.

The pilot recycling projects end in December 2010.

Source: Solid Waste & Recycling

New Garbage Fees in Iqaluit Based on Amounts Produced

Iqaluit businesses and organizations that produce large amounts of garbage saw their rates increase substantially on October 1. Iqaluit city council voted unanimously to amend the city's solid waste bylaw, which, among other things, covers the cost of garbage pickup. Until October, Iqaluit businesses paid the city \$200 a month for six-day-a-week garbage pickup regardless of the amount of garbage they produced. Businesses who needed garbage pickup only bi-weekly were charged \$100 a month.

As of the start of October, six-day service will cost a minimum of \$300 a month and bi-weekly service a minimum of \$200 a month, if each pickup is no more than half a cubic metre of garbage. But if there is more garbage than that, the city will charge an additional \$25 per cubic metre of garbage.

Residential rates will go from \$27.50 a month to \$30 regardless of the amount of garbage produced.

Some businesses expressed concerns that Iqaluit offers few options to decrease garbage since there's no recycling program.

Source: Nunatsiaq Online

Winnipeg Scrap Recycler Turning Old Cars Into New Homes

Urbanmine is a Winnipeg-based metal recycler whose “Old Parts New Starts” project involves turning old cars into cash for homes which is donated to Habitat for Humanity. According to the company, the program will help get hundreds of old cars off the road every year, where they will be crushed at Urbanmine’s metal recycling facility in Winnipeg. The proceeds of the resulting metal sales will go to Habitat for Humanity Winnipeg, which will help the organization build more of their energy-efficient homes for families in need.

Urbanmine recycles electronics, scrap metal and other waste material at its facility in South Winnipeg, where donors are assured their cars will be recycled responsibly. According to the company, they will not be making money on this program, and will even absorb the costs of crushing and shipping cars for at least the first year of the program. To donate an old car, citizens need simply bring their car into to Urbanmine’s location and sign a donation registry. Or the company will provide a tow. Urbanmine then notifies Habitat for Humanity of the weight of the donated car and the value of the metal, who then issues a charitable receipt for the value of the metal.

Source: Recycling Product News



ALLIED PAPER SAVERS “Your Trusted Name In Recycling”

- Owned and operated by Albertans for over 30 years
- Specializing in all fiber grades
- Collection and processing services
- Competitive pricing for all grades of paper

EFFICIENT—RELIABLE—TRUSTWORTHY

Let us help make
your recycling program successful.

16820-129 Avenue, Edmonton, Alberta
call 780-447-1648

GEEP Recognized at Recycling Council of Ontario Awards Ceremony

During the 2010 Recycling Council of Ontario’s Annual Waste Minimization Awards Ceremony, held October 21 in Toronto, Global Electric Electronic Processing (GEEP), headquartered in Barrie, Ontario, won three platinum awards for excellence in three categories: Program Operator, Business, and Sustainable Product or Service. The Trifecta Award is unprecedented in the history of the RCO Waste Minimization Awards.

GEEP, with 11 locations throughout the United States, Canada and Central America, provides investment recovery and electronics processing to original equipment manufacturers (OEMs), corporations, government entities, educational institutions and channel partners.

Source: Recycling Today

Compostable Sunchips Bag Stays in Canada

In response to customer complaints about its noise, Frito-Lay has pulled its compostable bag for its SunChips line of snacks in the US. However, Frito-Lay Canada, which is owned by PepsiCo, has retained the bag for the Canadian market, and instead launched a consumer awareness campaign on its environmental advantages.

The company’s campaign slogan is: “Our bag is loud, our bag is different, our bag is good for the environment, and our bag will remain on store shelves.”

In a creative marketing ploy, Frito-Lay Canada has gone even further by offering to send customers a free pair of earplugs.

It has been speculated that Frito-Lay has more faith in the Canadian consumer’s ability to be educated regarding issues like environmental impact, as compared to their Southern neighbours.

Source: Grist.org

Gatineau Residents to be Fined If They Fail to Recycle

Gatineau residents will face possible \$200 fines starting in January if they put paper, glass, metal or plastic in the garbage instead of recycling bins. This is part of the City’s preparation for a provincial paper and cardboard landfill disposal ban that will become the law in Quebec in 2013. Composting using brown plastic bins will remain voluntary for now because municipalities won’t have to stop sending organic material to landfills until 2019.

Gatineau will employ “green patrols” to check what residents place at the curb and warn residents who don’t comply with recycling regulations. The inspectors will issue \$200 tickets to people who repeatedly discard material that should be recycled.

Source: The Ottawa Citizen

RONA Announces Initiatives to Reduce Environmental Footprint

RONA Inc., Canada's largest retailer and distributor of hardware, renovation and gardening products, announced a series of initiatives to reduce the environmental footprint of its stores, including a zero waste initiative. Building on the success of a pilot launched in 2010, the integrated program will start being rolled out at RONA stores across Canada during 2011.

The reduction of the environmental footprint program is designed to divert waste material generated by RONA operations. Close to 4,500 tons of cardboard and plastic were diverted from landfills in 2009. To go further, RONA conducted a 'zero waste' initiative in Stockyards and Brampton in Ontario, and have decided to expand the initiative to all 28 Ontario stores in 2011.

In addition to cardboard and plastic, the 'zero waste' program includes the recovery of materials such as bottles and cans, paper, wooden skids, scrap wood, landscaping waste, organics, scrap metal, damaged light fixtures and certain types of light bulbs that are not part of the Company's current recovery programs.

RONA will continue to operate its existing recovery programs that enable consumers to safely dispose of batteries, compact fluorescent light bulbs, power tool accessories and paint. RONA was the first retailer to recover paint, beginning in 1997 in Quebec and 2008 in Ontario.

RONA is also taking steps to cut down on energy consumption in its stores as a pro-active way of reducing the Company's overall greenhouse gas (GHG) emissions. These energy-efficiency measures include the replacement of older lighting systems by more efficient "T5" fluorescent fixtures, the installation of voltage-harmonizer systems and the retrofitting of advanced HVAC and lighting controls programmed to curb energy use at times when it is not required.

In addition to improving energy efficiency, RONA is looking at new ways of reducing its energy-consumption footprint, including producing renewable energy. Plans include the installation of solar panels on the roofs of three stores in the Greater Toronto area to generate clean energy, which would be fed into the Ontario electrical distribution network.

Source: Rona Inc.

Wondering Where to Recycle Your Stuff?

Visit **Alberta's Recycling Hotline** at www.recyclinghotline.ca or phone 1.800.463.6326

Quebec to Dissolve Recyc-Québec

The Quebec government is planning to introduce legislation to abolish Recyc-Québec, a non-crown multi-stakeholder organization that is responsible for coordinating waste diversion in the province.

This decision is part of the government's 2010-2014 Action Plan for expense reduction and control, which sets out plans to abolish or restructure about 20 public funds and organizations.

Source: Solid Waste and Recycling

New Recycling Process in Quebec for Juice Boxes and Milk Cartons

Canada has made a leap forward in consumer packaging waste diversion. On October 27, 2010, a cutting edge recycling line was launched at Groupe RCM's recycling facility in Québec; a local project that's part of a larger industry strategy to optimize end-of-life carton management in Canada. The launch is the end result of a three-year development and represents a \$3.5 million investment, spearheaded by Tetra Pak as part of its larger, aggressive national recycling plan. Tetra Pak and its corporate partners A. Lassonde Inc., and Natrel, along with Québec government corporation Recyc-Québec, collectively provided Groupe RCM with \$1 million in seed capital.

The new recycling process, the first of its kind in the world, breaks down carton, plastic bag and film waste into a thermoplastic resin which will be used in industrial and commercial manufacturing.

The line accepts all gable top and aseptic cartons, as well as plastic shopping bags and cellophane films from sorting centres in the Québec market. A thermokinetic process uses high-speed knives to homogenize disparate waste materials into plastic granules that can later be used for making a wide variety of plastic products including: flower pots, railway ties, guard rail posts, pallets and plastic lumber.

Source: Marketwire

Frito-Lay to Have Largest Fleet of All-Electric Trucks in NA

Snack food maker Frito-Lay plans to have the largest commercial fleet of all-electric trucks in North America. New York City will become the first market for five of the vehicles this month, and a total of 21 electric trucks will be deployed by the company this year.

An additional 155 all-electric trucks will hit the road for Frito-Lay next year, allowing the company to have the largest commercial fleet in North America.

Source: Waste & Recycling News

INTERNATIONAL NEWS

UK Study Shows Recycling Creates Jobs

At least 51,400 new jobs would be created if the UK reached a 70% municipal waste recycling rate by 2025, according to a report published in September by Friends of the Earth.

In the study, entitled "More jobs, less waste", the environmental campaign group also claimed that a further 18,800 jobs could be created across the recycling and waste management sector and in related industries if the same goal was set for commercial and industrial waste.

If the UK achieved 50% municipal waste recycling by 2020 – as is required by the revised Waste Framework Directive – rising to 55% by 2025, then 32,500 new jobs would be created.

Source: letsrecycle.com

Scholastic Continues to Increase Use of Recycled Paper

Children's book publisher Scholastic purchased 19.8%, or 13,920 tons, of recycled paper in 2009, compared to 13.5% in 2007. It has a goal for 2012 to increase its use of recycled paper to 25%, of which 75% would be post-consumer waste.

Source: Waste & Recycling News

Seattle Moves to Restrict Phone Book Waste

The Seattle City Council voted 8 to 1 to create an opt-out program allowing residents and businesses to efficiently decline phone book deliveries. The ordinance also requires yellow pages publishers to begin paying for recycling of unwanted and outdated yellow pages directories beginning next year.

The new law creates an opt-out registry that Seattle residents and businesses can access on the web, by phone or by mail and requires yellow pages publishers to pay the costs of operating the registry, for which the city expects to hire a contractor. The legislation also sets penalties for yellow pages publishers who continue to deliver books in violation of the requests.

Based on information supplied by some of the yellow pages publishers, Seattle Public Utilities estimates nearly 2 million yellow pages phone books are dropped off in Seattle every year, costing approximately \$350,000 to recycle.

The registry is expected to be ready for use no later than July 1, 2011 and publishers will begin reimbursing the City's Solid Waste Fund for all 2011 deliveries.

Source: Waste Age



recycle and receive a refund

Return your beverage containers to your nearest bottle depot for recycling and a refund of either 10¢ or 25¢! They are **ALL** eligible for a refund.

bcmb
BEVERAGE CONTAINER MANAGEMENT BOARD

www.bcmb.ab.ca

"Toy Story 3" Landfill Named One of 2010's Hottest Toys



Toys "R" Us has released its annual list of hottest toys for the holiday season, and a play set based on the climax of "Toy Story 3" – where the famous toys are almost incinerated – is being called one of the best new toys of the upcoming holiday season. One great feature of this toy is that it does not require any batteries to operate.

The "Tri-County Landfill" play set from Fisher-Price is an exclusive to Toys "R" Us. Just like the movie, the toys can be picked up using the large scoop and then dumped into the sorter before landing on a conveyor belt which leads to an incinerator. The toy features Buzz Lightyear, Lots-O'-Huggin'-Bear and three Aliens, as well as the "claw".

A Tri-County Landfill garbage truck is also available.

Check it out at www.fisher-price.com/fp.aspx?st=10&e=product&pid=54383.

Source: Waste & Recycling News, smellybrain.com and hubpages.com

Scott Dumps Toilet Paper Waste with Tubeless Rolls

Kimberly-Clark is testing out toilet paper rolls that don't have cardboard tubes on the inside. The tube-free rolls of Scott Naturals are now being sold at Walmart and Sam's Club stores in the northeast US. Sales will determine if the tube-free design will be rolled out to other markets and even possibly used with paper towels.

The US creates about 160 million pounds of waste from the 17 billion toilet paper tubes produced annually.

Source: GreenBiz

Starbucks Tests Coffee Cup Recycling in New York

Starbucks is using New York City as a testing ground for recycling its coffee cups. During a nine-week test, which started in mid-September and ran through November, 86 Starbucks locations in New York City provided in-store recycling bins for cups and send them off to be recycled.

Starbucks has a self-imposed goal to only provide reusable or recyclable cups by 2015.

The cups, which contain 10% recycled content, are collected in-store, and placed in paper bags, and collected with other recyclables.

But recycling in-store is just a small step in creating a second life for coffee cups, since about 80% of the cups Starbucks uses end up leaving their stores.

In addition to finding a place other than landfills for coffee cups to go to, Starbucks is trying out ideas for avoiding disposable cups in the first place.

Some Starbucks stores in Seattle will be testing the Karma Cup concept, which won first place in the Betacup contest for ideas that would increase the use of reusable, recyclable or compostable cups. The Karma Cup idea includes keeping a public running tally of how many customers bring in reusable cups to a store and giving a free coffee to every 10th customer that brings their own cup.

Source: GreenBiz



metrowaste.com

METRO Waste Paper Recovery Inc.

is proud to be one of North America's leading Collectors, Processors, Buyers and Marketers of recyclable materials since 1979.

We provide comprehensive recycling and waste services for Industrial, Commercial, Institutional, Municipal and Rural sectors across Canada and in the United States.

Contact one of our Materials Recovery Specialists to learn how METRO can help you too become;

Green...
by Nature

Edmonton
780-464-4761

Calgary
403-243-5700

US to Ban E-Waste from Being Dumped in the Developing World

On October 1, 2010, the USA announced details of legislation aimed at banning export of potentially hazardous electronic waste to the developing world.

The Responsible Electronics Recycling Act of 2010 is intended to stop Waste Electrical and Electronic Equipment (WEEE) being dumped in developing countries. The bill is supported by environmental groups as well as electronic manufacturers Apple, Dell, and Samsung, all of which already have policies banning the export of e-waste to developing nations.

The bill adds a new section to the federal Resource Conservation and Recovery Act (RCRA) laws establishing a new category of 'restricted electronic waste' which cannot be exported from the US to developing nations.

Non-hazardous or tested and working electronic products or parts are not restricted. Other exemptions from the restrictions are:

- Products under warranty being returned to the manufacturing facility that made them;
- Products or parts being recalled
- Crushed Cathode Ray tube (CRT) glass cullet that is cleaned and fully prepared as feedstock into CRT glass manufacturing facilities

Source: Edie.net

Stonyfield Launches PLA Yogurt Packaging

Stonyfield Farm, the organic yogurt company, has unveiled a new yogurt cup made from corn. Stonyfield's new cup – now being used in its multipack Yo-Baby products and a few others – replaces polystyrene with a plant-based plastic called polylactic acid, or PLA.

The PLA is made by NatureWorks in Nebraska, and is 93% plant-based, with the balance being nontoxic colorings and additives. PLA uses less energy and releases fewer greenhouse gas emissions than polystyrene over its lifecycle.

PLA is made from corn, which captures carbon as it grows, so PLA releases 48% less carbon into the atmosphere than polystyrene does from cradle to grave. This was important to the company, since packaging represents Stonyfield's second-largest carbon footprint, after cows.

The new packaging is stronger than the oil-based plastic it replaces, so less is needed, making packages lighter. As a result, the shift to plant-based plastics can be done at no net cost increase to Stonyfield.

As an organic farming advocate, Stonyfield dealt with the issue that 70% of US-grown corn contains genetically modified organisms (GMOs), through the purchase of GMO offsets.

Source: GreenBiz

ORGANICS RECYCLING IS WORKING!

WITH MILLIONS OF BINS ALREADY IN USE, WE ARE **THE** ORGANICS RECYCLING EXPERTS

Functional, durable, and easy to open, close and transport, the 12 gallon **Green Bin** is immensely successful with residents, collectors, and municipalities. Easy for collectors to open, handle, and empty (even with heavy gloves), yet resistant to pests. Simple, ergonomically friendly, and secure.


The Green Bin
CURBSIDE ORGANICS COLLECTOR



The mid-sized 21 gallon **Green Bin+** is designed perfectly to meet emerging market demand for larger, domestic and commercial applications. This mid-sized wet organics recycling bin meets and exceeds the requirements for semi and fully automatic collection while remaining user friendly. Designed with aesthetics in mind, the Green Bin+ stands as the preferred choice for curbside organics collection programs with semi or fully automated lifters.

the **GREEN BIN** **PLUS**
curbside organics recycling bin

The 2 gallon **Kitchen Collector** is the perfect companion, right-sized for easy plate scraping and to promote frequent emptying. Durable, dishwasher safe, fits under faucets, and snaps tightly closed.



PHONE 888.675.2878
EMAIL: ENVIRO@NORSEMANENVIRONMENTAL.COM
WEB: WWW.NORSEMANENVIRONMENTAL.COM

NORSEMAN
ENVIRONMENTAL PRODUCTS
AN **ORBIS** COMPANY

KFC to Launch Reusable Packaging

KFC has announced it will be the first fast-food chain to introduce reusable food containers in early 2011. The container, which is used to hold sides like slaw, has already won a 2010 Greener Package Award. It debuted in select markets earlier this year and will be available nationally next year.

The new container is part of a wider company initiative to reduce foam packaging use by 62% and plastic use by 17%. KFC claims the reusable container requires 25% less energy to produce than general-purpose polystyrene (PS) production and generates half the amount of greenhouse gases. A new website the chain has launched called Reuse.Renew.Rejoice shows images that suggest the container be reused to hold things like paper clips or candy.

KFC also replaced plastic plates with paper serving boxes, and says it will assign no new business to paperboard suppliers who are not recognized by an international certification organization or using 100% recycled content.

Source: Fork in the Road blog and kfc.com



Editor: So, why is KFC not promoting reuse of these containers by repeat customers within its stores?

American Samoa Lauded For Plastic Bag Ban

American Samoa continues to reap praise for its decision to ban plastic bags, as the US government is the latest to join those lauding the move.

Itself an unincorporated territory of the US, American Samoa finalized a new law in August that would see the distribution of single-use plastic bags in shopping centres made illegal from February 2011. The measure was designed to preserve the islands' idyllic environment.

Compostable plastic bags are exempt from the bill, however, as it only targets petroleum-based bags.

Last Thursday, the US Environmental Protection Agency (EPA) released a statement saying American Samoa's decision was a "landmark", and directly linked the move to reducing the 'Great Pacific Garbage Patch' – a floating mire of plastics and sludge off of the US western coast.

American Samoa – which ratified its plastic bag bill the same week California lawmakers voted against a similar move in the States proper – is the first US territory to enact such a ban, although many cities across the country already have such measures in place.

Source: Edie.net

J&J, Disney, Kraft Land Highest Scores in CSR Survey

The US public views businesses, particularly consumer product and food makers, as more socially responsible than they did a year ago.

In the latest Corporate Social Responsibility Index, based on a survey of consumers, 25 companies received scores of 75 or higher out of 100. In last year's CSR Index, nine companies received higher than 75.

In the top 10, Johnson & Johnson jumped from number five last year to the number one spot, followed by the Walt Disney Company, Kraft Foods, Microsoft, PepsiCo and Apple.

The Center for Corporate Citizenship noted that the top companies are primarily businesses that make food, drinks and consumer products, and the high scores for them might partially be due to people's familiarity with them as well as the companies' communication of their social and environmental efforts.

Source: GreenBiz

Walmart Launches Commitment to Sustainable Agriculture

In October 2010, Walmart launched its new global commitment to sustainable agriculture that will help small- and medium-sized farmers expand their businesses, get more income for their products and reduce the environmental impact of farming, while strengthening local economies and providing customers around the world access to affordable, high-quality, fresh food.

By the end of 2015, Walmart's sustainable agriculture strategy goals include:

- In emerging markets, to sell \$1 billion in food sourced from 1 million small and medium farmers, as well as provide training to 1 million farmers and farm workers in areas such as crop selection and sustainable farming practices.
- Invest more than \$1 billion in its global fresh supply chain in the next five years. And for the first time, ask suppliers about the water, energy, fertilizer and pesticide they use per unit of food produced.
- Reduce its food waste in its emerging market stores and clubs by 15% and by 10% in stores and clubs in its other markets.
- Reduce deforestation of the world's rainforests and reduce greenhouse gases by requiring sustainably sourced palm oil for all Walmart private brand products and expand Walmart Brazil's practice of only sourcing beef that does not contribute to the deforestation of the Amazon rainforest.

The company estimates that by sourcing sustainable palm oil for its UK and US private brand products alone will reduce greenhouse gas emissions by 5 million metric tons by the end of 2015.

Source: Waste & Recycling News

California Passes Landmark Stewardship Legislation

Californians will finally have some significant fiscal relief from managing three problematic waste products: paint, carpet, and brake pads. This fall, Governor Schwarzenegger signed the last of the three producer responsibility bills for the 2010 session: AB 2398, carpet recycling; AB 1343, paint recycling; and SB 346 reducing copper in brake pads.

All three bills were the culmination of years of negotiations between industry groups and state and local governments, waste haulers, recyclers, water associations, and solid waste professionals working towards fully funded and cost-effective solutions to these problem products. Paint is the single most expensive product collected by local governments costing Californians over \$27 million per year; carpet alone represents 3% of disposal volume in landfills and is made from petroleum products and is recyclable; and brake pads release copper which is a serious aquatic toxin and will cost local governments millions to remove from stormwater if not reduced at the source.

All three bills had broad support, even from the carpet, paint, and brake pad manufacturers. California is the first state to pass producer responsibility legislation for carpet, and the second state in the US to pass producer responsibility legislation for paint.

Source: Product Policy Institute

Staples Reveals New Corporate Strategy For Sustainability

Staples Inc. has a new corporate strategy to drive sustainability innovation in product manufacturing, packaging and distribution by challenging its key suppliers to join it in a "Race to The Top."

The world's largest office products company will challenge suppliers to compete not only in terms of product quality, cost and features, but in finding innovative solutions for product manufacturing, packaging, and distribution which reduce impacts on the planet. The strategy aims to increase environmental, economic and social sustainability and remove waste and inefficiency of all types.

"We're letting our key suppliers know that sustainable business practices will join price, quality and service as a major factor in driving purchasing decisions," said Jevin Eagle, executive vice president of merchandising and marketing at Staples.

As immediate steps, Staples is asking its key suppliers to address environmentally sustainable packaging priorities in the next six months.

Source: Waste & Recycling News



EXPERTS IN WASTE DIVERSION

Serving Alberta Since 2002

2cgc provides complete and comprehensive consulting services in ALL areas of waste management & diversion.

2cgc is recognized for specialized expertise in the management of organic wastes and composting.

2cgc has developed a strong presence and reputation with all levels of government and the private sector.

 RECYCLING  WASTE AUDITING

 COMPOSTING  C&D

2cgc will develop and deliver the specialized strategies and specific solutions you require.

Paul van der Werf, M.Sc.

tel:(1-877-801-7733) paulv@2cgc.ca

www.2cgc.ca

www.mygreenworkplace.ca

News

EPA Creates 'Greenest School' Challenge for Colleges

The US Environmental Protection Agency set up a recycling challenge for "Greenest School" bragging rights at college football games this season. The 2010 Game Day Challenge looked for the best waste reduction plans, which could be submitted by any college that has a football team.

For one home football game in October, schools could collect common materials for recycling including paper, beverage containers, cardboard, and food to be donated and composted. The amount of waste generated and recycled determined which school is the greenest.

The competition is sponsored by EPA's WasteWise program, a voluntary program through which organizations eliminate costly municipal solid waste and select industrial wastes, benefiting their bottom line and the environment. Launched in 1994, the program has more than 2,700 members.

For more information, visit <http://epa.gov/gameday/>.

Source: Waste & Recycling News

First iPads Enter Recycling Stream

In October, Sims Recycling Solutions, the world's largest electronics recycler, received its first Apple iPad for recycling. "This is an example of the speed of turnaround in the electronics sector," says general manager, Bill Vasquez. "When we receive newer products that are commonly used like this, we study its composition to determine how best to recycle it in an environmentally friendly manner."

For more information on Sims' recycling processes, visit <http://us.simsrecycling.com/about-us>

Source: Solid Waste & Recycling

Mexico City Landfill to Close

One of the world's largest landfills, Mexico City's Bordo Poniente, is to be closed next year because of worries that the more than 12,000 tons of garbage deposited there daily could contaminate the aquifer, according to Mexico's Interior Department. The landfill also represents a flood threat, as it could potentially interfere with the water drainage out of Mexico City.

However, few details have been provided about plans to replace the massive landfill. Officials from Mexico City's Waste Commission have said they're working to build four state-of-the-art processing centres to recycle, compost or incinerate 85% of Mexico City's trash. The city has required residents to sort trash since 2003, but hasn't provided the infrastructure to handle it, resulting in just about 6% of waste currently recycled.

Source: Canadian Press

**Do you need
roll-out carts?**



Strathcona County has approximately 400 roll-out carts for sale. Carts were used as part of a pilot project to collect residential waste. The pilot project lasted approximately one year.

Cart specifications

Manufacturer — Otto
Model — Classic 65
Size — 65-gallon
Colour — grey
Wheel size — 30 cm (12")
Maximum load — 91 kg (200 lb)

Interested?

Contact Leah at 780-416-6797
or seabrook@strathcona.ab.ca

Strathcona
County
UTILITIES

Big Apple Goes White to Fight Climate Change

More than 1 million square feet of New York City roof space has been painted white to help cool buildings naturally.

Around 1,500 volunteers have helped to paint roofs white in order to reduce cooling costs, energy use and green house gas emissions. Painting roofs white reflect the sun's heat away from the building and naturally keeps it cool, meaning the use of air conditioning can be cut in the summer.

The full program began in May 2010, with 900,000 square feet of rooftop coated in just five months during a pilot program, which ran in through to the autumn of 2010.

The move is part of city's mayor Michael Bloomberg's NYC CoolRoofs program which is part of an aim to reduce New York's greenhouse gas emissions by 30% by 2030 – a primary goal of PlaNYC, the City's sustainability plan.

Under the NYC CoolRoofs Program, the roofs of 105 of public, private and non-profit buildings received reflective white coating.

Source: *Edie.net*

Coming Events

19th Annual Conference and Trade Show of the US Composting Council, January 23-26, 2011, Santa Clara, CA, contact: 631.737.4931, www.compostingcouncil.org

2nd Annual Canadian Waste Management Conference, February 9-10, 2011, Toronto, ON, www.insightinfo.com/canadianwastemanagement

11th Annual Pesticide & Ag Plastics Stewardship Conference, presented by the Pesticide Stewardship Alliance, February 13-15, 2011, San Antonio, TX, contact: 765.494.1585, www.tpsalliance.org/conference

Environment Business 2011, presented by ESAA, February 15-17, 2011, Edmonton, AB, www.environmentbusiness.ca

Plastics Recycling 2011, presented by Resource Recycling, March 1-2, 2011, New Orleans, LA, contact: 503.233.1305 x 117, www.resource-recycling.com

The 26th International Conference on Solid Waste Technology and Management, March 27-30, 2011, Philadelphia, PA, contact: 610.499.4042, solid.waste@widener.edu

Saskatchewan Waste Reduction Council's **Spring '11 Waste Minimization Forum**, April 7-8, 2011, Saskatoon, SK, contact: 306.931.3242, www.saskwastereduction.ca

2011 Waste – The Social Context Conference, hosted by the Edmonton Waste Management Centre of Excellence, May 8-11, 2011, Edmonton, AB, contact: 780.496.7316, www.ewmce.com

"Climate for Change", SWANA Northern Lights Chapter Conference, May 30 - June 1, 2011, Saskatoon, SK, contact: 780.496.5614, www.swananorthernlights.org

RCBC's Annual Conference, June 8-10, 2011, Whistler, BC, www.rcbc.bc.ca/events/annual-conference

104th Conference of the Air & Waste Management Association, June 21-24, 2011, Orlando, FL, www.awma.org/ace2011

Conference on Canadian Stewardship, September 20-21, 2011, Halifax, NS, contact: 250.495.4592, www.canadianstewardship.com

2011 RCA Waste Reduction Conference, Date: TBA, Edmonton, AB, contact: 403.843.6563, www.recycle.ab.ca/conference

Waste Reduction Week in Canada, October 17-23, 2011, www.wrwcanda.com

Visit www.recycle.ab.ca for more events listings.

Market Updates

	Per Tonne	Trend
Glass		
Coloured	0	↔
Plate	0	↔
Paper		
Cardboard (baled)	80-150	↑
Cardboard (loose)	60-80	↑
Office Pak (loose)	90-105	↑
Mixed (loose)	20-25	↓
Magazines (loose)	20-40	↓
News (loose)	40-65	↑
Plastic		
HDPE Natural (baled)	300-500	↑
HDPE Coloured (baled)	0-300	↑
Clear PE Film (baled)	170-300	↑
Coloured PE Film (baled)	0	↓
Metal		
Steel Food Cans	not available	
White Goods	50	↓

Prices reflect surveyed averages (F.O.B. buyer) at the time of publishing and are subject to market fluctuations. Individual prices may vary according to material quality, volumes and contractual arrangements. Please contact your buyer to update prices at time of shipping.

Building Tomorrow

THANK YOU TO OUR SPONSORS



Government of Alberta

