

CWMA news

◀ Newsletter Of The Coast Waste Management Association ▶

Directors and staff of CWMA would like to take this opportunity to wish you all a Merry Christmas and a Happy and Prosperous New Year



CWMA 2010 conference breaks new ground

This year's conference was a huge success thanks to the hard work put in by a dedicated conference committee and the tremendous support received from sponsors and delegates. It began early in the morning on October 20th, when twenty four delegates met to discuss the challenges and opportunities facing First Nations from coastal BC and their access to the various product stewardship programs operating in the province. Ministry of Environment staff provided an overview of the various programs in place and the new programs being rolled out in the coming years. Representatives from many of the stewardship agencies explained how their programs operated and how they are collaborating to provide service to the more remote areas of

BC. This was the start of the CWMA 2010 conference and set the tone for the remainder of the event. Concurrent roundtable sessions were hosted for municipal staff and educators, providing a great opportunity for people to network and share ideas.



Emily Chu from In.tent Planning Inc. leads the session on "Remote Waste Challenges"

Facility tours of the "LEED" gold RDN Church Road Transfer station, Parksville Bottle Depot, Cedar Road

Landfill gas recovery and Steel Pacific Recycling auto de-pollution system were all well attended. Portia Sinnott from Lite Initiatives in California delivered a keynote address followed by Janine Bogar, with the Washington State Department of Ecology, providing a recap of the achievements in the first five years of Washington State's "Beyond Waste Plan" and what they have in store for the next five.



160 delegates attended the 2010 CWMA conference at Tigh Na Mara Resort in Parksville, BC

Nanaimo Forest Products Levi Sampson shared with delegates how two local businesses were saved from bankruptcy by making employees part owners of the company. As a result, productivity and profit both increased as the employees had a voice in how the company operated. Sessions on organics, social media, using waste as a fuel and locating a waste or recycling facility from a planners perspective made this the best attended event ever. The **CWMA 2011 conference** will be held in Victoria, BC **October 26 – 28, 2011**. Mark it on your calendar now and avoid the disappointment of missing this great event!

Electrolux to make vacuums from trash

While images of brown streaks of drifting crude oil, beached tar balls and petroleum stained pelicans are now conjured up with any mention of ocean pollution, one firm is gathering bits of floating plastic to build vacuum cleaners.

Electrolux, the world's second-largest home appliance maker, said this week it will harvest bits of plastic from floating garbage islands in the Pacific, Atlantic and Indian oceans, as well as from three European seas, and use the material to manufacture six showcase vacuum cleaners.



Electrolux "Vac from the Sea" made using plastic from floating garbage islands found in the world's oceans

The Swedish firm said the vacuum cleaners will not be sold, but rather used to bring attention to the issues of plastic pollution and the scarcity of recycled plastics needed for making sustainable home appliances.

"There are plastic islands, some several times the size of the state of Texas, floating in our oceans. Yet on land, we struggle to get hold of enough recycled plastics to meet the demand for sustainable vacuum cleaners," said Cecilia Nord, a vice-president at Electrolux.

The "Vac from the Sea" initiative will gather plastic by diving for it or scooping it up from the ocean. Electrolux said more plastic needs to be reused in order to keep it out of the world's oceans, but also consumer perceptions over plastic recycling must improve to lift uncertainties surrounding the supply of recycled materials.

"More recycling directly translates into more sustainable appliances and homes," said Jonas Magnusson, product marketing manager at Electrolux.

Source [Reuters](#)

Political Garbage Humour

While walking down the street one day, a corrupt Senator was tragically hit by a car and died.

His soul arrives in heaven and is met by St. Peter at the entrance.

"Welcome to heaven," says St. Peter. "Before you settle in, it seems there is a problem. We seldom see a high official around these parts, you see, so we're not sure what to do with you."

"No problem, just let me in," says the Senator.

"Well, I'd like to, but I have orders from the higher ups. What we'll do is have you spend one day in hell and one in heaven. Then you can choose where to spend eternity."

"Really?, I've made up my mind. I want to be in heaven," says the Senator.

"I'm sorry, but we have our rules." And with that, St. Peter escorts him to

the elevator and he goes down, down, down to hell.

The doors open and he finds himself in the middle of a green golf course. In the distance is a clubhouse and standing in front of it are all his friends and other politicians who had worked with him.

Everyone is very happy and in evening dress. They run to greet him, shake his hand, and reminisce about the good times they had while getting rich at the expense of the people.

They played a friendly game of golf and then dine on lobster, caviar and the finest champagne.

Also present is the devil, who really is a very friendly guy who is having a good time dancing and telling jokes.

They are all having such a good time that before the Senator realizes it it's time to go.

Everyone gives him a hearty farewell and waves while the elevator rises.

The elevator goes up, up, up and the door reopens in heaven where St. Peter is waiting for him, "Now it's time to visit heaven..."

So, 24 hours passed with the Senator joining a group of contented souls moving from cloud to cloud, playing the harp and singing. They have a good time and, before he realizes it, the 24 hours have gone by and St. Peter returns.

"Well, then, you've spent a day in hell and another in heaven. Now choose your eternity."

The Senator reflects for a minute, then he answers: "Well, I would never have said it before, I mean heaven has been delightful, but I think I would be better off in hell."

So St. Peter escorts him to the elevator and he goes down, down, down to hell...

Now the doors of the elevator open and he's in the middle of a barren land covered with waste and garbage. He sees all his friends, dressed in rags, picking up the trash and putting it in black bags as more trash falls to the ground.

The devil comes over to him and puts his arm around his shoulders.

"I don't understand," stammers the Senator. "Yesterday I was here and there was a golf course and

clubhouse, and we ate lobster and caviar, drank champagne, and danced and had a great time. Now there's just a wasteland full of garbage and my friends look miserable. What happened?"

The devil smiles at him and says, "Yesterday we were campaigning. Today you voted."

Source: [Joan Ross](#)

Waste and Recycling is cool with the kids

If there was ever any doubt in your mind as to how cool our industry is, just take a look at the links below to set you mind at ease.

[Mattel Stinky the Garbage Truck Lego Trash Compactor](#)
[Toy Story 3 Tri-County Landfill Garbage Truck Getaway](#)

These are some of the hottest kids toys flying off store shelves this Christmas. Could it be that by increasing the awareness and understanding of issues, problems and opportunities related to waste management at an early age may help us in the long term? Let's just hope that they don't show up in the blue box / garbage-can / stewardship program too early in the New Year!



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The staff and management of SCS Steel Container Systems would like to take this opportunity to wish all the members of CWMA a Happy Holiday Season and every success in the New Year!

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Axion Installs First Ever Recycled Plastic Rail Road Bridge

Axion International Holdings, Inc., recently completed the first of two railroad bridges, constructed from 100% recycled plastic, at Fort Eustis, Virginia. The bridges, designed by Parsons Brinckerhoff, utilize Axion's patented Recycled Structural Composite (RSC) a thermoplastic solution consisting of nearly 100% recycled post-consumer and industrial plastic. Initial field test results confirm design criteria requirements.

The new short span bridges extend approximately 12 m and 24 m, respectively. Both bridges are designed to deliver a high-load rating of 118 t which is necessary in order to transport locomotives and freight.



Axion's patented Recycled Structural Composite (RSC)

The design and engineering work was supported by Virginia-based Centennial Contractors Enterprises, the prime job order contractor for the project, and Parsons Brinckerhoff, which has more than a century of experience in working on major complex bridges including such recent structures as the new Woodrow Wilson Bridge over the Potomac River outside Washington, D.C.; the Arthur Ravenel, Jr. Bridge over the Cooper River in Charleston, South Carolina; and the William Natcher Bridge over the Ohio River in Owensboro, Kentucky. The demolition and construction activities are being performed by English Construction Company, Inc., a 100

year old privately owned company conducting operations in eight states throughout the mid-Atlantic and Southeast. Innovative Green Solutions, an Axion channel partner, introduced Axion to the Fort Eustis project and participated in the negotiation and development of the project. Developed in conjunction with scientists at Rutgers University, Axion's cutting edge technology has resulted in virtually 100% recycled plastic materials, Recycled Structural Composites, that are the first known structural products of their kind that can support heavy loads. Compared to traditional infrastructure materials such as wood, steel or concrete, Axion's innovative products are more durable and significantly longer lasting.

Source: [InfraStructures](#)

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Waste diversion rates flatline in Jasper

Jurgen Deagle pulls a clear garbage bag from a Cabin Creek waste bin. Paper, food scraps, milk containers and tin cans jangle noisily as the bag rustles against the metallic box. About 80 per cent of the bag's contents could have been recycled or composted, Deagle mentions, counting the refundable containers unnecessarily bound for the landfill.

Deagle, an environmental management specialist with Parks Canada, reaches in again and pulls out an entire binder full of paper, complete with a small diploma a recent graduate had earned. The paper, binder and paper clips could have been recycled, but instead are bound for the Hinton Landfill site.

The story is surprisingly common within a community that prides itself on environmentalism. Jasperites are only diverting 30 per cent of their waste from landfills, thus reducing the life of local landfills and risking higher garbage fees.

Municipal and Parks Canada officials are concerned the town's waste diversion rates have not changed in recent years, seeing only a modest increase from 24 per cent to 30 per cent.

"It's flatlined. It's depressing," said Janet Cooper, the Environmental Stewardship co-ordinator with the town of Jasper. "Our target is 50 per cent. It's not going to happen without some major changes."

Jasper's last waste audit showed that 60 per cent of its waste going into the landfill could have been diverted into the recycling or composting stream through existing programs. Jasper pays \$43 a ton to ship its garbage to the Hinton landfill. That rate jumps to \$120 a ton if the load is contaminated with too many recyclables. It jumps to \$200 if items such as mattresses are found in the load.

"Our fees have gone up substantially in the last few years," Cooper said.

There have been instances where mattresses have been stuffed into municipal garbage containers, or they have been placed in garbage bins at the transfer station, Cooper said.

Mattresses also take up a lot of space, and do not break down properly in a landfill, hence the extra charge.

"If it's stuffed inside the bin, it ends up at landfill. The landfill can make the call if a load is too contaminated, and they can up the fee," Cooper said.

The Hinton landfill has let Jasper know there has been an 'unacceptable' increase in irregular items, Deagle says, such as tires, paint and mattresses. This has resulted in higher fees for the municipality.



JURGEN DEAGLE PHOTO
Jasper National Park Environmental Manager Jurgen Deagle examines garbage left in one of the waste bins in Cabin Creek. Jasperites on average are sending 70 per cent of their household waste into the landfill, as recycling and compost programs are underused.
(Published in the Fitzhugh on July 15/10)

Deagle said there are many effective provincial stewardship programs in place for items such as paint and tires. Regardless, waste is a user pay system. Deagle says there is currently no cost difference for the individual who only produces a small grocery bag of garbage a month and the person who creates six black garbage bags full of waste. The municipality has looked at several ideas to increase recycling rates, such as curbside pick-up of unsorted recyclables.

"There's a lot more we can still do. We're investigating options to make it easier for the residents and business, so it won't be as onerous," Cooper said. "Unsorted recyclables pick-up for example. If you had one bin for all

of your recyclables and had that taken away, it would be easy."

However there is a cost. The municipality would have to examine how much revenue they would make from the recyclables, how much their garbage bills would drop, and how much gas money would be saved through such a program. Deagle says residents pay one way or another, either through their personal time to sort their waste or through increased fees.

"Residents will choose how to pay for it. They can do the work themselves and sort and have reduced fees. If they don't do that, they'll pay their fees through the garbage utility bills," Deagle said. "It wouldn't come on your taxes, it would come on your utility bill."

There are also payment possibilities as well. Once the municipality installed water metres, water consumption immediately dropped by 20 per cent. A similar system could work for waste.

"If everyone knew a garbage bag cost \$5, there would be a difference," Deagle said.

"But you can't make the cost too high, or you'll see more illegal dumping," Cooper said.

The town and Parks Canada are attempting to push food composting as an effective way to reduce the weight bound for the landfill. It is supposed to roll out 25 new community composting bins throughout Jasper this year, however only six have been installed thus far. Cooper says concrete footings must first be put into place before the compost bins can be installed.

"The biggest way we can impact that diversion is composting, because of the weight," Cooper said.

Restaurants can participate in a voluntary composting program, where their organic waste is picked up for free by the municipality. Restaurants such as Evil Dave's keep their compostables behind their shop, however some restaurateurs

complain they don't have the space in their kitchen for the bins.

"They say they don't have the space or they don't leave them outside, because the compost freezes and you can't get it out of the bin," Cooper said.

Other businesses have taken their own initiative, such as Pine Bungalows and Jasper Park Lodge, Cooper said, which have recycling and composting programs that are 'better than the town's, she said.

Another tool Parks Canada and the municipality are trying to promote is the transfer station - a location most residents believe is closed, Deagle said.

Most of the items that are being dumped around town can be taken to the transfer station for free.

The Jasper National Park Transfer Station has also seen a massive reduction in the amount of commercial waste in the past year and isn't sure why. In 2008-2009, the municipality shipped 3,022,630 kilograms of waste to Hinton through the transfer station. In 2009-2010, that number dropped to 2,783,170.

The transfer station still accepts all waste from the town. The site allows items to be sorted before being transferred to Hinton, and can handle items such as appliances, electronics, paint, mattresses, unpainted wood and metal. All of these items can be left at the Transfer station for free. Refrigerators do require a fee to be dumped at the station and the only items that aren't accepted are contaminated soil, asbestos, creosote tiles, car bodies and asphalt.

"There's a misconception there is a cost. It's free for most items," Deagle said.

Cooper said the municipality frequently finds mattresses, appliances and other recyclable items dumped beside bins or in the woods. Most recently, an entire back yard deck was dumped in the Cottonwood Slough. Most of the items could have been taken to the transfer station for no cost. "The town has always had a

problem with illegal dumping. People stack things outside the bin or it's stuffed inside the bin and ends up in the landfill," Cooper said.

Increasing the curbside pick-up days could be one way of combating this issue, Cooper said. The town may hold more take it or leave it events - where items are left for free and then taken away by the municipality.

Source: [The Fitzhugh](#)



New packaging association

Resource Recycling announced that a powerful, new packaging association, focusing on sustainability, environmental and recycling issues, will be launched in the coming months.

Labeled AMERIPEN — American Organization for Packaging and the Environment — the new alliance includes many major firms, such as The Coca-Cola Co., ConAgra Foods, DuPont and the Kellogg Co. The organization will be "science-based" and "open to any company with an economic interest in packaging and packaged products."

Specifically, the organization will present the perspective of all aspects of the packaging industry on topics related to packaging and the environment, at a time when criticism of packaging in the media can reach a fevered pitch.

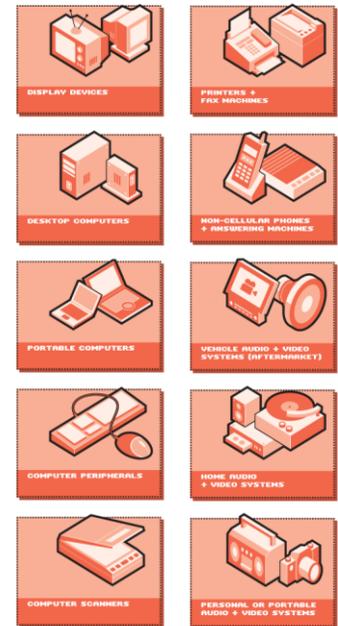
Meant to be a complement to such trade associations as the American Chemistry Council, the National Association for PET Container

Resources and the American Forest & Paper Association, AMERIPEN will be material-neutral and will specifically focus its efforts on packaging in North America, allowing the organization the opportunity to influence and lobby on behalf of the industry, "supporting a vision of the future where all production, distribution and consumption are sustainable."

Source: [Resource Recycling](#)

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New CWMA members

The CWMA would like to extend a warm welcome to the following members who have recently joined the association.

Gibsons Recycling
PO Box 1639, 1018 Venture Way
Gibsons, BC V0N1V0
Contact; [Buddy Boyd](#)
Tel; 604-740-1425
Web; www.gibsonsrecycling.ca

District of Sechelt
PO Box 129, 5797 Cowrie St
Sechelt, BC V0N 2W2
Contact; [Paul Appelt](#)
Tel; 604-885-1986
Web; www.sechelt.ca

Nioex Systems Inc
171 Waverly Dr
Brandon, Manitoba R7B 4A4
Contact; [Shawn Compton](#)
Tel; 701-370-0782
Web; www.nioex.com

A full listing of CWMA [members](#) can be found at www.cwma.bc.ca

Coast Waste Management Association Board of Directors

Jeff Ainge – *Regional District of Nanaimo*

Anke Bergner – *Capital Regional District*

Peter Grant – *Salt Spring Island Community Services Society*

Malcolm Harvey – *Encorp Pacific (Canada)*

Reid Hudson – *Steel Pacific Recycling*

Jerry Kupiak – *Sun Coast Waste Services*

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Calendar of Events

[Canadian Waste Management Conference](#)

Feb 9 – 10, 2011
Toronto, Ontario

[RCBC Conference](#)

June 8 - 10, 2011 Whistler, BC



[The Conference on Canadian Stewardship](#)

September 19 - 20, 2011
Halifax, Nova Scotia

[UBCM](#)

Sept 26-30, 2011,
Vancouver, BC

[RCA Annual Conference](#)

October 5 - 7, 2011
Edmonton, AB

[Waste Reduction Week in Canada](#)

October 17 - 23, 2011

[CWMA Annual Conference 2011](#)

October 26 - 28, 2011
Victoria, BC

[Canadian Waste & Recycling Expo 2010](#)

November 9-10, 2011
Montreal, Quebec

Coast Waste Management Association, 1185 Rolmar Cres, Cobble Hill, BC, V0R 1L4

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Capital Regional District Recycles

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