

CWMA news

◀ Newsletter Of The Coast Waste Management Association ▶

CWMA luncheon with guest speakers

Last week's networking luncheon with speakers provided a great opportunity for participants to hear from three presenters who touched on topics that are impacting the waste and recycling industry today.



Allan Gornall with the City of Courtenay

Allan Gornall with the [City of Courtenay](#) told delegates how contracted service providers involved in solid waste collection, transportation and diversion will be required to submit their direct emissions of the six greenhouse gasses on a contract specific basis. The City of Courtenay is one of the many municipalities that has signed on to the Climate Action Charter and are in the process of implementing their corporate action plan.

Jim Elliott with the [Comox Valley Regional District](#) told us the story of SkyRocket Compost and all the benefits it provides. SkyRocket is a mixture of biosolids and woodwaste made at the Comox Valley Compost facility producing an OMRR Class A end product suitable for many applications. Jim told us about the importance of feedstock control and why maintaining a consistent 'recipe' is crucial when making this product. SkyRocket is in constant demand and frequently sells out. Jim is in the process of figuring out how the planned household organics collection material can be incorporated into the mix.



Jim Elliott with the Comox Valley Regional District

Randy Holmquist rounded off the meeting by telling us about his

company [Canadian Electric Vehicles \(CEV\)](#).



Luncheon delegates peruse the CEV Might - E Truck driven to the event by presenter Randy Holmquist

CEV Might-E Trucks are available in a variety of different body configurations to meet a variety of waste and recycling applications. In addition to providing significant operating cost savings, when compared to a conventional pickup truck, these zero emission, noiseless trucks help meet the goals of the Climate Action Charter. CEV has over 50 trucks in seven countries now in use and the largest fleet is located at LAX.

CEV have also gone further than many organisations in reducing their own environmental footprint. The Errington facility has implemented initiatives such as using recycled waste vegetable oil to heat their offices; rain water collection use in all non potable water applications; onsite windfall wood milled for office construction; replaced fluorescent

tubes with super-efficient LED bulbs and paving the parking lot with recycled (chipped) asphalt.

Presentations from our three speakers are available on the CWMA website events page or by clicking [here](#).

CWMA 2010 conference

The CWMA Conference Committee is once again in the process of putting together a fantastic program for our conference in October. If you have not already done so, please mark your calendars and plan to join us at the [Tigh-Na-Mara Resort & Spa](#) in Parksville BC, October 20 – 22, 2010.

To help us with this year's theme, "Environmental Education – it's not just for the kids!" we have invited nationally acclaimed sustainability expert and co-author of UN-HABITAT's [Solid Waste Management in the World's Cities, 2010](#) **Portia Sinnott** and And to bring things a little closer to home, **Janine Bogar** with Washington State Department of Ecology will tell us about the state's ["Beyond Waste"](#) program.



Tigh-Na-Mara Resort & Spa

Once again we will host a Regional District and local government roundtable as well as a session for educators. [Levi Sampson](#) who played a key role in the employee purchase of both Harmac and CHEK TV will be making a keynote address along with presentations from our many other local waste experts.

Tours of the redesigned RDN Church Road Transfer Station; the "Five Star" Parksville Bottle Depot; Cedar Road

Landfill along with their gas recovery plant are also planned. There will be plenty of networking opportunities throughout the event.

If you are interested in sponsorship opportunities for this event or exhibiting in our tradeshow please contact Will Burrows in the CWMA office.

Please plan to join us for coastal BC's premier local conference on waste and recycling. We guarantee that this event will be worth the time and money you invest by attending!

For airports and airlines, creative recycling brings cost savings

A recent Scientific American story noted that, with the help of airlines, the 30 largest airports in the country create "enough waste to equal the trash produced by cities the size of Miami or Minneapolis." That sounds pretty dire, but in the days before airports embraced the "reduce, reuse, recycle" mantra and before airlines adopted their current penny-pinching mode, it was worse.

Today, it's a much different story. Most airports at least have recycling stations in the terminals. And in-flight recycling programs are steadily taking hold. It's all about saving the earth, of course, but airlines and airports are also discovering that creative recycling can save lots of dough.

The superstars of airport recycling are Portland International and Seattle-Tacoma International airports. Portland offers unique pre-security checkpoint pouring stations that encourage travelers to discard their liquids and keep the bottles to fill at water fountains on the secure side. This keeps liquids and plastic bottles out of the garbage and reduces trips to the landfill.

At the Seattle airport, unsold food from concessionaires is sent to area food banks while organic waste,

including tons of coffee grounds of course, gets turned into compost. To encourage airlines do their part, the airport recently purchased a dozen computer-monitored compactors (six for recyclable trash, six for garbage) and placed them within easy reach of airplane cleaning crews. As added incentive, airlines that separate out their recyclables are promised credits towards their airport bills.

Other airports are gaining savings from unusual recycling efforts as well. In 2008, one of its busiest construction years ever, Vancouver International Airport was able to recycle or re-use 99% of its construction waste. That includes concrete from aprons and taxiways that was removed, ground up and re-used for a road base and other projects.



Detroit Metropolitan Airport collects spent aircraft de-icing fluid – up to a million gallons a year – and has it hauled off-airport to be distilled and returned to 99.9% pure propylene glycol that can be used in other products. "In addition to the significant environmental benefits of this program," says DTW's Michael Conway, "the airport has saved millions of dollars over the years in disposal costs."

And at Hartsfield-Jackson Atlanta International Airport, instead of recycling bins, passengers are asked to put trash in all-purpose, automatic-compacting garbage bins scattered around the airport. The compacted waste gets sorted and recycled off-airport in a program officials say should reduce the trash the airport sends to the landfills by 70%.

When McCarran International Airport in Las Vegas upgraded its security checkpoint equipment in 2005, it was left with 23 surplus walk-through metal detectors, or magnetometers. Instead of discarding the machines, or putting them up for sale on eBay, the airport gave them to the local school district, which was looking for metal detectors to use at dances and sporting events. "It was a win-win scenario," says Rosemary A. Vassiliadis, Deputy Director of the Clark County Department of Aviation, "The schools received something useful and the airport was no longer obligated to pay to store this equipment or ship it off to be trashed."

A 2008 terminal improvement program at California's Oakland International Airport included the replacement of 6,000 old-style chairs; the kind that are joined together in sets of three, four or five. Before calling in a recycling company to salvage the chairs' metal, the airport offered free chairs to any local non-profit that would pick them up. Now many of the Boys & Girls Clubs of Oakland sport airport seating.

And in a simple but creatively symbiotic arrangement, Jacksonville International Airport is working with the Jacksonville Zoo and Gardens on a project to turn tree clippings into food. The zoo was looking for a reliable year-round source of fresh "browse," the natural vegetation eaten by many of the zoo's large mammals. The grounds around the airport have browse-worthy trees and shrubs that could do with some regular clipping. Now, browse harvested at the airport in the morning becomes dinner for giraffe, elephants and great apes at the zoo.

Horizon Airlines has had a recycling program in place since the 1980s and now recycles 70% of the waste generated on its aircraft. Continental Airlines stepped up its recycling program over the past two years and, along with many other major carriers, now separates recyclables, including

cans, bottles and newspapers, on airplanes and participates in recycling programs at some airports it serves.

Delta Air Lines, which also has an in-flight recycling program, is currently the only airline recycling airplane carpet through Mohawk Group's ReCover program, which turns old carpets into new carpets and other products. "In just a few years," says David Sandiford, Mohawk's manager of aviation sales, "Delta has recycled the equivalent of more than 22 acres of carpet."

A well-timed phone call also created an opportunity for Delta to recycle worn seat covers, blankets and curtains from Delta planes and all those Northwest planes that were re-decorated after the airlines merged.



Delta Air Lines recycles worn seat covers through Tierra Ideas, which turns them into messenger bags and other travel accessories.

Jennifer Otenti, Delta's project manager for environmental health, says she got a phone last fall from the airline's reclamation department asking if there was a way to recycle all the old fabric seat covers instead of sending them to landfill. Within a few days, Otenti got a call from Matt Mahler of Tierra Ideas in North Carolina. He was wondering if the airline had any old airplane seat covers they'd like to get rid of so he could recycle them into messenger bags and other travel accessories.

They did. Now, says Mahler, "Delta donates and launders the old seat covers. Tierra Ideas has them shipped to our shop, we separate them by pattern (frequent fliers will definitely recognize the different Northwest and Delta patterns) and

sew the fabric into the interior and exterior of our messenger bags, laptop carrying cases and other travel accessories."

So far, Delta has donated about 5,873 pounds of fabric from an estimated 20,000 seat covers. "To put this into perspective," says Delta Air Lines' Otenti, "We have donated enough fabric to cover 92 of Delta's 767-300ER aircraft."

Source [USA Today](#)

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YOU'VE TAKEN THE EQUIVALENT OF **37,000** CARS OFF BC ROADS FOR A YEAR.



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New CWMA members

The CWMA would like to extend a warm welcome to the following

members that have recently joined the association.

Vancouver Island University

900 Fifth Street Nanaimo BC V9R 5S5
Contact; [Michele Patterson](#)
Tel; 250-740-6296
Fax; 250-740-6644

Greater Nanaimo Hauling Co Ltd

PO Box 13, Lantzville, BC V0R 2H0
Contact; [Derek Haarsma](#)
Tel ;(250) 390-9887

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



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Jeff Ainge – Regional District of Nanaimo

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Peter Grant – Salt Spring Island Community Services Society

Malcolm Harvey – Encorp Pacific (Canada)

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Jerry Kupiak – Sun Coast Waste Services

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www.can-am-recycling.ca
13271 Trans Canada Highway, Cassidy, BC

Calendar of Events

[The Conference on Canadian Stewardship](#)

September 19 - 20, 2011,
Halifax, Nova Scotia

[Compost Council of Canada](#)

September 22-24, 2010
Ottawa, Ontario

[RCA Annual Conference](#)

October 13-15, 2010

Fairmont Chateau Lake Louise
Lake Louise, Alberta

[Waste Reduction Week in Canada](#)

October 18-24, 2010

[CWMA Annual Conference 2010](#)

October 20–22, 2010
Tigh-Na-Mara Resort, Parksville, BC

[Resource Recycling Conference,](#)

October 26-27, 2010
San Antonio, TX

[Canadian Waste & Recycling Expo 2010](#)

November 3-4, 2010
Toronto, Ontario

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