

CWMA news

◀ Newsletter Of The Coast Waste Management Association ▶

Regional District & Multi Material BC update

On June 14, more than 80 delegates gathered at the Quw'utsun' Cultural and Conference Centre in Duncan, to hear regional district staff and Multi Material BC present on many current initiatives from our region.

Representatives from CWMA member regional districts' spoke about the work being done in their region, sharing their initiatives and experiences covering a variety of topics. Kitchen scraps and organics, illegal dumping, landfill closure, waste composition studies, asbestos containing materials, site upgrades, tipping fees and diversion rates were but a few of the topics addressed.



Quw'utsun' Cultural and Conference Centre in Duncan

Emily Chu, from In.tent Planning, updated delegates on the BC First Nations Solid Waste Program. Emily thanked regional districts and product stewards for their assistance and cooperation in helping to train staff

and develop systems for managing the waste and recyclables. Presentations from this event are available on the CWMA website at www.cwma.bc.ca.

Please plan to join us for our 2013 conference being held in Victoria, BC, October 23-25, 2013.

Cost of West Coast Marine Debris Cleanup Exceeds \$500 Million Annually

According to [a recent EPA-sponsored study \(pdf\)](#), the annual cost of marine debris cleanup programs on the west coast of the U.S. is likely more than a half a billion dollars. This amounts to approximately \$13 per year for every man woman and child in the coastal communities with responsibilities for cleaning the coastline. The report found no "economies of scale" with both larger and smaller communities faced with similar per capita outlays. The report, dating from September 2012, surveyed typical west coast communities of all shapes and sizes, and added up the annual costs of trash management for six main types of activities:

- Beach and waterway cleanup
- Street sweeping
- Installation of storm-water capture devices
- Storm drain cleaning and maintenance
- Manual cleanup of litter
- Public anti-littering campaigns

When the results were compiled and analyzed the results were astonishing.

Indeed, the enormous costs led to a simple, if understated, conclusion from the project team that performed the study: "Such costs...make a compelling argument for accelerating the search for ways and means of reducing trash streams contributing to marine debris."



The report cites the National Academy of Sciences which in 1975 determined that "approximately 1.4 billion pounds of trash and other persistent solid material was being tossed into the world's oceans each year, where it becomes marine debris, much of it ending up on beaches." Meanwhile, the report notes, "debris is known to threaten sensitive marine and coastal habitats, harm hundreds of species of marine fauna, to interfere with navigation, degrade ocean habitats, cost millions of dollars in lost fishing and tourism revenue, and threaten human health and safety." Therefore, the 2012 report states, "Until clean-up is feasible and the flow of debris into the oceans is stemmed, it is essential that all practical measures be undertaken to reduce the amount of debris entering the ocean each year."

Source;- [Coastal Conservation Network](#)

Gibsons Recycling receives award

Buddy Boyd and his partner Barb Hetherington spend every day of their lives trying to better their community and their environment.

There aren't many people who can say that they wake up in the morning with the one goal: to improve the world around them.

Gibsons Recycling Depot is so much more than a privately-owned recycling facility on the Sunshine Coast – it's a small business with the big goal of making a difference by promoting sustainability, while also creating employment opportunities in the local community.

Owner Buddy Boyd's passion for the environment stems from over four decades of entrepreneurial experience. As a teenager on the streets with little education or focus, he was selected for the Bank of Montreal Youth Project – a program geared toward helping youth build self-esteem and find their passion. "This one thing changed the course of my life," says Buddy. "Each student was required to develop their own individual presentation on something that we cared deeply about. I formed a chapter of STOP (Society to Overcome Pollution)."

A few years later while attending Montreal's Dawson College, Buddy formed the "Tidy Tim" group to help clean-up and promote recycling on campus. Subsequently, while working for a disposal company in the early 1980s he opened a record store called Breeze Records in Vancouver on Denman Street, which in 1985 became the "Official Supplier of Music" for the Rick Hansen Man in Motion Around the World Tour, and raised over \$4,000 for spinal cord research through a benefit dance.

Around that same time, Buddy also started a portable sawmill business, The Logbutcher, sawing trees on people's properties so they could build homes using lumber products from their own land. As this business picked up, Buddy eventually sold the

record store and used the profits to buy a new sawmill.



Buddy Boyd and Barb Hetherington

Next on Buddy's entrepreneurial journey came Gibsons. In 2001, he started a small disposal company called Gibsons Disposal Ltd. After developing a loyal customer base for two years, Buddy and his partner Barb Hetherington opened Gibsons Recycling Depot in 2003 – a privately-owned, non-government funded, recycling operation that was one of the first Resource Recovery facilities in BC. Now employing seventeen staff members, Gibsons Recycling Depot has had huge impact on the "water access only" community that it serves. The company diverts a significant amount of waste from landfills, and creates much needed employment opportunities in the area. Its well-established Zero Waste Reuse Store – Buddy and Barb's "One-Stop-Drop" – also supplies reused items to local residents and non-profits.

What truly characterizes Gibsons Recycling Depot is its commitment to crafting and implementing innovative solutions to waste reduction. The company was the first in BC to deconstruct children's car seats, and also started a comprehensive local glass recycling program as an Earth Day project. As a result, previously landfilled glass is now turned into an aggregate. Today, Gibsons Recycling Depot supplies its recycled glass product to landscapers, concrete companies, local artisans and glass blowers.

More than just diverting waste from landfills and incinerators, environmental sustainability is baked right into Gibsons Recycling Depot's business process. "Our corporate

position is wherever and whenever possible, we use recycled, up-cycled or re-purposed materials," says Buddy.

Gibsons Recycling Depot also launched the first curbside recycling service in North America that uses electric vehicles. This spring, the company will add a large array of solar panels to help offset the cost of operating its fleet of electric vehicles.

The Gibsons Recycling Depot site receives delegations that include elected officials (both from Canada and abroad) and conducts other site visits. Over the past year the company also collaborated with a local sustainability company called Greenomics to form a unique consulting group to help other communities with their recycling efforts, including a community in Africa.

Gibsons Recycling Depot was recognized as the Best Green Business at the 10th Annual Successful You Awards on February 28, 2013. Buddy and Barb believe that the award is a great opportunity to raise the profile of their work as environmentalists and showcase the solutions the business provides as a Zero Waste advocate. But the recognition is secondary. "Awards and accolades are meaningless if we aren't actually doing something – making a difference," says Buddy. "We are proactive and encourage everyone to do the same. Rather than follow, we choose to lead."

Source:- [Small Business BC](#)

Honourable Mary Polak appointed BC Minister of Environment

Mary Polak was re-elected to the B.C. legislature in 2013, having represented the constituents of Langley since 2005. She was appointed Minister of Environment June 10, 2013.

Prior to her new cabinet post, she served as the Minister of

Transportation and Infrastructure, Minister of Aboriginal Relations and Reconciliation, Minister of Children and Family Development and Minister Responsible for Child Care, Minister of Healthy Living and Sport, and Parliamentary Secretary to the Minister of Health for the Conversation on Health.



Honourable Mary Polak BC Minister of Environment

Before being elected to the legislative assembly, Polak served as a trustee and former chair of the Surrey school board.

Out and About

The association's Executive Director (Will Burrows) attended the recent WasteExpo 2013 conference in New Orleans. Will reports that there was a great deal of interest in Extended Producer Responsibility, particularly the packaging and printed paper plan for BC. The breadth of topics also included composting and organics, alternative fuels for recycling and garbage trucks and hard to recycle materials. With presenters from across North America many useful contacts were made on behalf of CWMA.

In June, Will and the association Chairman (Jeff Ainge) were invited to attend a Board meeting of the Washington State Recycling Association (WSRA) in Seattle. This was a first for the two organizations and served as a great opportunity to introduce CWMA to our US neighbours and to learn about WSRA. The associations share many similar challenges and objectives which we hope will lead to greater cooperation with our neighbours to the south.



Does recycling cause you to consume more?

A new study suggests that people who have the option to recycle may end up using more.

A lot of eco-minded people will avoid purchasing items that they know will end up in the garbage. But do they also react in the opposite way by consuming more when they know that something will be recycled? That seems to be the indication from a study published recently in the Journal of Consumer Psychology.

The research was conducted by Jesse Catlin, an assistant professor at Washington State University Tri-Cities, and Yitong Wang, an assistant professor at Tsinghua University in Beijing, China. They conducted two experiments to find out how much paper people used if they had the option to recycle their waste. The project was funded in part by the Newkirk Center for Science and Society, which focuses on issues such as health and the environment as they related to community and quality of life.

In the first experiment, two groups of graduate students — who did not know the nature of the study — were given the task of evaluating a pair of scissors by cutting up as much paper as they could, then disposing of the paper. One group had a waste basket for that part of the task, while the second group had both a wastebasket and a recycling bucket. The group that had an option to throw their waste out in a recycling bucket chopped up nearly three times as much paper.

In the second experiment the researchers staked out a men's room for 30 days and monitored how many paper towels were used. For the first 15 days of the experiment the

restroom only had a waste basket. For the second 15 days, they added a recycling bin. The amount of paper used per person during the second 15 days was 14 percent more.

The researchers calculated that the restroom would use 12,500 more paper towels per year in the second scenario.

The researchers also asked their undergrads who conducted the scissor experiment to fill out a questionnaire about their "green" behaviors. They linked the answers with previous studies that showed how people who try to behave in an eco-friendly manner often trade off and rationalize their behavior, such as saying it is okay to do a non-green thing because something else they do balances it out. In this case, they concluded that the people in the experiment used the recycling option as a way to allow themselves to use more waste because it was going to be recycled.



As the authors write, "we propose that the ability to recycle may lead to increased resource usage compared to when a recycling option is not available." They say their paper has potential implications for further research and for policy-making, such as whether or not recycling should be available in certain situations.

Source: [Mother Nature Network](#)

Guide helps local authorities improve performance of drop-off sites

The U.K.'s Waste & Resources Action Program has published a new guide to help local authorities in England improve the performance of their drop-

off sites. The [guide](#) was developed to help local authorities manage drop-off sites, the use of which are being reconsidered as curbside recycling service becomes more prevalent.



The five key areas from which WRAP has based the guide are:

- Reducing drop off recycling costs;
- Issues at drop off sites, such as litter or illegal dumping;
- Assessing drop off site performance;
- Formalizing arrangements for drop off sites;
- Health & Safety

Spreadsheets on how to assess drop off site appearance, find new locations and conduct simple cost/benefit analysis can also be downloaded.

Source; - www.wrap.org.uk

New CWMA members

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

BC HAZMAT Management Ltd.

Unit 6, 10114 McDonald Park Road
North Saanich, BC V8L 5X8
Contact; - [Dave Rogers](#)
Tel; - 250 656 3382
Fax; - 250 656 4619
Web; - www.bchazmat.com

BuildWorks

9962 Chapman Rd, Rosedale, BC
V0X 1X2
Contact; - [Dirk M Kerkhoff](#)
Tel; - 604 794 3628
Web; - www.buildworks.com

District of Squamish
37955 Second Avenue

P.O. Box 310
Squamish, B.C. V8B 0A
Contact; - [Rod MacLeod](#)
Tel; - 604.815.5021
Fax; - 604 892 1083
Web; - www.squamish.ca

Engineered Compost Systems - ECS

4211 – 24th Ave West, Seattle, WA,
USA 98199
Contact; - [Steve Diddy](#)
Tel; - 360 280 8985
Fax; - 206 634 1309
Web; - www.compostsystems.com

SLR Consulting (Canada) Ltd

200 - 1620 West 8th Ave, Vancouver
BC V6J1V4
Contact; - [Ben Arnold](#)
Tel; - 604 742 3864
Fax; - 604 738 2508
Web; - www.slrconsulting.com

Recyclize Consulting

1887 Allenby Street,
Victoria, BC V8R 3B6
Contact; - [Reid Hudson](#)
Tel; - 778 677 7092

Walco Industries Ltd

6113 Beaver Creek Road, Port
Alberni, BC V9Y 7M7
Contact; - [Charlie Walcot](#)
Tel; - 250 286 3663
Fax; - 250 286 3619
Web; - www.walcoindustries.ca

A full listing of CWMA members can be found at www.cwma.bc.ca

Calendar of Events

[Recycling Council of Alberta Waste Reduction Conference](#)

October 2 - 4, 2013
Fairmont Palliser, Calgary, AB

[CWMA Annual Conference 2013](#)

October 23- 25, 2013
Victoria, BC

[Canadian Waste Sector Symposium](#)

November 18 – 20, 2013
Montreal, QU

CWMA 2013 - 2014 Board of Directors

The CWMA AGM was held on April 19, 2013 and the following Directors were elected to the board;

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 - *Canadian Association of Recycling Industries*

Jerry Kupiak – *Sun Coast Waste Services*

Dave Ross – *Emterra Environmental*

Jacqueline Tudor-Jones – *Cascades Recovery Inc*



L-R standing; Peter Grant, Reid Hudson, Jeff Ainge, Malcolm Harvey, Jacqueline Tudor-Jones, Jerry Kupiak, Anke Bergner, Dave Ross. Front; Will Burrows



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