

CWMA news

◀ Newsletter Of The Coast Waste Management Association ▶

*The Newsletter of
The Coast Waste
Management
Association
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Thetis Island residents face recycling and garbage disposal challenges

Thetis Island Sanitation Committee is attempting to address some pressing issues regarding recycling and garbage disposal.

Garbage and recyclable materials are presently dropped off at one location on the island. A resident then transports the recyclable materials to Vancouver Island and a garbage hauler is contracted to haul the waste. The present situation has become problematic and is not sustainable in the long term.

The committee is looking for creative and efficient ways to meet the needs of the residents by partnering and contracting with businesses that can provide this service and they need your help.

If you can be of assistance, know someone who can, or would like additional information, please contact Steve Frankel on Thetis Island frankel@island.net or call (250) 246 2099, for additional information.

CVRD bylaw results in waste management conviction

DUNCAN – A new Cowichan Valley Regional District Bylaw dealing with waste management

facilities has now been tested in court and has resulted in the conviction of a local man on two counts of violating the Bylaw, announced CVRD Chair Jack Peake.

"It's rewarding to see years of effort trying to regulate this industry finally pay off," said Peake. "This region has seen too many questionable operators simply ignore provincial legislation with very little recourse, and when the CVRD began developing its own regulatory bylaw to stop this tide, many expected the same result. This conviction should serve as a wake up call to those players still giving the rest of this industry a bad rap."

In a January 28, 2008 judgment of the Provincial Court of British Columbia in Duncan, a Cedar area man was convicted of two counts of violating CVRD Waste Stream Management Licensing Bylaw No. 2570. Basically, the offences involved him accepting and managing sizable quantities of municipal waste, such as demolition waste, tires, furniture, fiberglass items, etc., on his property without a facility license as required by the Bylaw. This waste was subsequently burned on the property.

As of January 1, 2007, all facilities in the CVRD were required to obtain such a license. Six licenses have been issued to date. Each site or license has specific operating terms and conditions

attached that protect the environment and respect social interests such as noise, dust, etc. The Regional District of Nanaimo is also implementing a similar bylaw on a deferred timeframe. "The beauty of this local Bylaw is that when neighbours and others in the waste management industry complained to the CVRD, their concerns were acted upon," said Peake. "With the legitimate operators committing to hundreds of thousands of dollars in upgrades to their facilities, and putting up security to ensure the public is not left with a clean-up tab, there is now a strong self-policing incentive built into the industry."

Sentencing in this case is expected to occur this Spring. CVRD Bylaw No. 2570 provides for penalties of up to \$200,000.00 per offence per day, and can be applied against a waste generator, hauler, landowner or all three. Further bylaw information is available on-line at www.cvrcrecycles.bc.ca

Composting Kitchen scraps may be next for Comox Valley

The Comox Strathcona Regional District (CSR) is studying the possibility of a centralized composting facility to handle kitchen and food waste generated in the region.

The municipal councils of Courtenay and Comox are looking

to establish organics collection programs to complement the existing yard and wood waste diversion programs in each of their areas.

"Under this program municipalities would collect organic material at the curb and transport it to a composting facility, which would let residents take their kitchen food scraps out of the waste stream," said Starr Winchester, mayor of Courtenay.

In response to the municipalities' interest in diverting organics, staff at the CSRD have begun investigating the potential of establishing an organics composting facility located adjacent to the existing CSRD biosolids composting centre. The facility would turn the organic scraps into a high-quality soil amendment similar to the Skyrocket product currently produced there. This project is in line with the regional solid waste management plan's objective of enhancing diversion of material from landfills.

"It's estimated that almost 7,500 tonnes of residential organic waste was generated by residents of the Comox Valley in 2006, and that's expected to grow to over 8,600 tonnes by 2012," said Jennifer Brunn, CSRD's manager of operations. "An organic collection program could dramatically reduce the household waste that currently goes to the landfill, and also help reduce landfill gas production – a contributor to greenhouse gas emissions."

Municipal staff from Cumberland and Campbell River have also expressed interest in organic collection and will be working together with Comox, Courtenay and the CSRD to assess the benefits and costs of establishing collection programs in their areas.

The details for the proposed facility and collection program will be determined as the regional district continues with the development of a conceptual design for the project. Decisions will have to be made around the types of containers allowed for use in curbside collection, the size of the facility, and the type of technology to be used. Completion of this next phase is anticipated to be mid 2008.

The CSRD is a partnership of nine electoral areas and eight municipalities providing just under 102,000 residents with over 145 services - from parks to full-service sports facilities to regional solid waste systems.

BC Hydro call for "bioenergy" power

VANCOUVER -- BC Hydro wants to hear from companies proposing to turn waste wood into electricity.

In a news release, BC Hydro said the call for wood waste electricity is "intended to help address the effects of the mountain pine beetle infestation, while at the same time developing new sources of clean energy."

The provincial electrical utility said it will use a two-phase process to find wood-based power producers, which will burn sawmill chips, logging debris or other residual wood to generate power.

The first phase is a competitive request for proposals from proponents that can access residual wood from existing forest harvest licences.

Forest Minister Rich Coleman said the first phase is intended to promote investment in new power technology and "take advantage of underutilized wood residue."

BC Hydro is calling the exercise a "bioenergy call for power," and

hopes to sign electricity purchase agreements with successful proponents by the fall.

Burning wood waste is considered clean because it uses organic fuels, referred to as biomass, that is within the existing carbon cycle, and does not add greenhouse gasses to the atmosphere.

"Bioenergy is an innovative new source of power that is also clean," BC Hydro CEO Bob Elton said, "and this call for power will help BC Hydro meet the province's growing electricity needs."

Derrick Penner - Vancouver Sun

CWMA Annual Conference

CWMA 2008 CONFERENCE

This years CWMA conference date has been set for **October 29 – 31, 2008** at the Crown Isle Resort in Courtenay, BC. The program will include;

Leading-Edge Themes
Regional District roundtables
Trade Show
Networking
Facility Tours

Look for more information to follow and check for updates at www.cwma.bc.ca/events

Membership renewals

CWMA membership renewals were mailed out in January. If you have not received notice please contact us at info@cwma.bc.ca or by phone (250) 733 2213. CWMA works hard to represent your interests and hopes that you will continue with your membership. We appreciate your prompt payment and as always, welcome your suggestions on how we can improve the services we provide to members.

LaFarge Opens New Alternate Solid Fuels Facility

Sugar Creek, MO - Lafarge, the largest supplier of cement products in the U.S. and Canada, has officially opened a new state-of-the-art alternate solid fuels facility in Sugar Creek, MO. At a recent dedication event cosponsored by the local chapter of the U.S. Green Building Council and the Environmental Excellence Business Network, government officials, environmental professionals, business leaders, community members, and employees celebrated Lafarge's continued commitment to the environment and to the use of sustainable resources.

Representing a \$7-million investment, the 22,000-square-foot facility is designed to process industrial byproduct materials from manufacturing firms throughout the region into fuel required for production operations at the Lafarge Sugar Creek Cement Plant. Using this alternate solid fuel not only will meet 40% of the plant's total energy requirements but it will reduce the plant's reliance on fossil fuels (i.e., coal) by 50,000 tons annually, which is equivalent to removing 6,629 passenger cars from the roadways or providing electricity to 3,931 households each year. It also diverts 50,000 tons of locally generated industrial byproduct materials from landfills each year.

"The reuse of materials that would normally be sent to landfills is a positive development for the environment, for the community, and for businesses throughout the region," said Rich Reuter, Sugar Creek plant manager. "Every ton we burn means one less ton of material going to landfills, less coal being mined, and fewer greenhouse gas emissions."

The new alternate solid fuels program supplements the plant's existing landfill gas program, which has been collecting methane gas from two closed landfills since August 2005. This methane gas currently accounts for 7% of fuels, which is approximately 1 ton per hour of solid fuel, replacing about 8,000 metric tons of coal or petroleum coke annually and offsetting more than 10,200 tons of carbon dioxide emissions. With the recent addition of gas from an adjacent active landfill, methane gas could eventually account for approximately 20% of the fuel needed at the plant, replacing about 20,000 metric tons of coal or petroleum coke annually.

"The combined use of methane gas and the industrial byproduct materials as alternative fuel sources will account for over 60% of the total energy needed to operate our kilns that produce high quality cements used in the central Midwest," noted Reuter.

The alternate solid fuel system at the plant has been permitted by the Missouri Department of Natural Resources and is encouraged by the local government. Through a safe and simple two-stage process, the facility shreds the byproduct materials to the size of two square inches or less. The shredded material is then pneumatically conveyed into the preheater/precalciner tower and used as fuel. Once at peak capacity, Sugar Creek's system will use up to 50,000 tons of alternate solid fuels per year.

"This new facility is another step forward in Lafarge's on-going efforts to further reduce its dependency on nonrenewable fuels," added Reuter. "By turning these industrial byproduct materials into energy at the Sugar Creek plant, we are once again leading the way in using alternate fuel sources to protect our environment and promote a more sustainable community."

For more information about Lafarge in North America, go to

www.lafarge-na.com

Calendar of Events

CWMA 2008 AGM and Luncheon

April 18, 2008 Save-On-Foods Memorial Arena, Victoria, BC

CWMA 2008 Annual conference

October 29 – 31, 2008 at the Crown Isle Resort, Courtenay, BC

Composting Council of Canada

Composting Matters! Kelowna, BC February 20th & 21st 2008 two-day workshop focused on organics recycling and composting developments additional information, please visit www.compost.org or call 1-877-571-4769

RCBC Annual conference

June 25-27, 2008, Vancouver, BC

Globe 2008

March 12-12, 2008, Vancouver, BC

Injury prevention

Preventing Overexertion Injuries in the Waste Management Industry

is a training package put together by CWMA, with assistance from Worksafe BC, specifically for the waste and recycling sectors. The package includes information and safety tips that will assist you in educating your employees about overexertion injuries; improving routines and practicing good safety habits. The goal is to help employers reduce the number of claims to teach employees safe operating practices to reduce preventable injuries. Each kit contains a CD-ROM, video and two safety manuals and is available to members for \$39 plus GST.

CWMA Quiz

Congratulations to the winners of our December quiz. 17 trees are saved by recycling one metric tonne of newspaper.



- Beverage
- Milk
- Electronics

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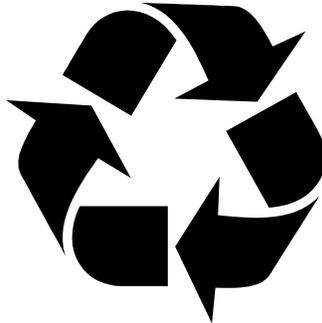
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