

## Memorandum

To	Solid Waste Management Plan Advisory Committee	Page 1
CC	Debra Oakman, CAO	
Subject	Recommended Shortlist of Zero Waste Options for Inclusion in Updated Plan	
From	Maura Walker	
Date	May 26, 2010	Project Number 60141938

Based on your feedback at the May 4th meeting of the Advisory Committee, this memo lists the recommended “zero waste” components for inclusion in the update solid waste management plan.

The recommended components are organized into the following categories:

- General Policies
- Reduction and Reuse
- General Promotion/Education
- Single-Family Generators
- Multi-Family Generators
- Commercial Generators
- Product Stewardship
- Organics Management
- Recyclable Material Processing
- Construction and Demolition Activities

### **General Policy Recommendations**

These policy recommendations are overarching approaches to solid waste management that can be applied in general or to specific programs or waste streams.

- 1) The Regional District and member municipalities will work towards having a waste management system that is based on three waste “streams”: recyclables, compostables and residuals (garbage)
- 2) To encourage use of recycling, composting and product stewardship services, establish disposal bans on products and materials that can be readily recycled and composted, or managed through an EPR program
- 3) Maintain variable tipping fees as a financial incentive to source separate and divert waste. Regularly review and update fee structure to ensure that the intended effect is being realized.

- 4) To minimize the potential for future land use conflicts, work with regional district and municipal planning departments to develop land use planning policies that support waste management infrastructure, e.g.
  - creating zoning that supports and protects waste management services/infrastructure
  - do not exclude waste management services from Official Community Plans, but consider how they can be appropriately sited

### **Reduction/Reuse Recommendations**

- 1) Using the web, promote existing reuse options, including rental and repair services
  - a) Where no on-line reuse service already exists for a community, consider setting up a local bulletin board using an existing service/format e.g. UsedGoldRiver.com
- 2) Have a reduction and reuse promotional campaign
  - a) Develop campaigns focused on “reduce” as key part of a green lifestyle – linking with other green behaviours (energy use, water use, etc.), e.g. “Reduce the Use” plastic bag campaign
- 3) Staffed Reuse Centres will be considered for landfills and transfer stations where no reuse opportunities are available in the local community.
- 4) Encourage professional salvage *operators* to recover materials from source-separated materials at the disposal facilities (e.g. scrap metal, appliances, wood) for reuse and repair purposes
  - a) Look for potential partnerships with community organizations

### **Single-Family Recommendations**

- 1) Curbside Recycling
  - a) Maintain current curbside recycling services.
  - b) The CVRD will work with member municipalities and local communities to coordinate recycling collection service contracts to provide better economies of scale, lower costs to smaller communities/rural areas, and to provide a consistent program throughout the region.
  - c) The Village of Sayward will provide curbside collection of recyclables. This collection contract will be co-ordinated with the CVRD so that residents near the Village (in the Electoral Area) can also receive curbside recycling collection.
  - d) Additional local service areas for recycling collection can be established on request of the communities/electorate.
  - e) Reduce curbside garbage can limits to 1 can per week in all areas receiving curbside collection. The can limit will be reduced further when curbside food waste collection is implemented.
  - f) Implement residential collection bans on recyclables, yard waste and materials managed under product stewardship programs

- 2) Recycling Depots
  - a) Maintain the recycling depot system
  - b) Work with Encorp to see if glass containers can be collected at the bottle depots
  - c) To encourage proper use of the recycling depots, improve site signage and aesthetics
- 3) Continue to operate multi-function waste management centres to allow for better access to recycling services. Establish additional centres as requested and supported by the local community/electorate.
- 4) Organics Collection
  - a) Food waste and yard waste will be treated as separate waste management streams
  - b) Add food waste to the curbside collection program once composting capacity is secured
  - c) Once curbside food waste collection services are established, ban food waste from garbage collection
  - d) Ensure yard waste diversion opportunities (curbside or depot-based collection) are available to all residents
    - i) Link any new yard waste collection services with burn bans
- 5) Backyard Composting
  - a) Sell backyard composters
  - b) Promote backyard composting (link with Bear Aware)
  - c) Maintain compost education gardens
  - d) Implement Master Composter programs
  - e) Promote grasscycling and xeriscaping

### **Multi-Family Recommendations**

- 1) Policy related
  - a) Make recycling in multi-family buildings mandatory
  - b) Make space allocation for recycling mandatory in all new multi-family
- 2) Service related
  - a) Provide recycling collection services to multi-family buildings. Participation in the program would be mandatory for all multi-family buildings.
  - b) CSWM to provide promotion and education assistance to support the municipal multi-family collection programs. This will include:
    - i) developing promotion/education materials targeted to multi-family building managers and residents
    - ii) Providing assistance to building managers with tenant outreach
    - iii) Having information on website
- 3) Require all building managers to provide adequate information to all new occupants, as well as signage in the central collection area

**Industrial, Commercial and Institutional Recommendations**

- 1) Policy related options
  - a) Enact disposal bans to encourage more recycling in the commercial sector
  - b) Make recycling/source separation in the commercial sector mandatory.
  - c) Make space allocation for recycling mandatory in all new commercial developments
  - d) Ban food waste disposal by large commercial generators once composting capacity is in place. Expand to mid-size generators once large-scale organics diversion and the composting facility have “settled in”.
- 2) Service related options
  - a) In curbside collection areas, provide a recycling/organics collection service to small commercial/institutional generators. Participation in this service would be mandatory.
  - b) For commercial generators that cannot be serviced through the residential curbside program, encourage the provision of organics collection services to be set up by the private sector through disposal bans and dialogue with both the generators and the collection service providers.
  - c) The provision of a food waste drop off for small generators will be considered if there is demand for such a service.
  - d) Develop promotion/education materials targeted to ICI generators
  - e) Develop a Technical Assistance Program for commercial generators. This program could include:
    - i) a Zero Waste certification program
    - ii) Zero Waste Awards program (could be done in association with local Chamber of Commerce)
    - iii) Awareness campaigns targeting specific commercial generators
    - iv) Web-based recycling directory
    - v) Working with local business associations to provide education and outreach in the commercial sector
    - vi) Working with tourism/hotel associations to develop a program and support materials for tourist and tourist accommodations
    - vii) Developing tools and information specific to different types of businesses (office, retail, restaurant, etc.), e.g. Central Okanagan Regional District,
  - f) Lead by example
    - i) Make the Regional District and Municipal offices zero waste leaders
    - ii) Build zero waste requirements into all Regional District contracts. Share template of contract language to local governments.

**Household Hazardous Waste (HHW) Management and Product Stewardship Recommendations**

1. Provide education to residents on HHW management options
2. Work with stewards and Ministry of Environment to ensure that services are well sited and meet the needs of the communities (access issues are addressed)
3. Partner with stewardship agencies to provide services in a “one stop shop” manner wherever needed/practical. This may require the set up a permanent HHW depot or HHW round up events in each Regional District.
4. Lobby stewards through Local Government Stewardship Council (LGSC) to provide better services
5. Lobby the provincial government through LGSC to have more products covered under EPR
6. Lobby for a broader deposit-based return system (provides incentive to generators to have materials be properly managed)
7. Continue collection of some stewardship items at the Regional Waste Management Centres to ensure that residents have access to proper disposal of these items and that they are kept out of the landfill.

**Organics Management Recommendations**

- 1) Develop opportunities for food and yard waste composting in both regional districts
  - a) Ensure there are mechanisms in place for success
    - i) Collection programs
    - ii) Policy mechanisms (disposal bans, collection bans, tipping fees)

**Recyclable Material Processing Recommendations**

- 1) Continue to require recycling processing as part of recycling collection contracts
  - a) Ensure that collected materials are appropriately processed and marketed (include reporting requirements),

**Construction and Demolition (CD) Recommendations**

- 1) Policy related options
  - a) Continue to use variable tipping fees to encourage source separation and diversion
    - i) Ensure that there is an incentive for generators to source separate clean and dirty wood waste (e.g. variable tipping fees)
  - b) Mandate the recycling at all construction and demolition sites (reinforced by disposal bans at landfills and transfer stations)
  - c) Vary permit fees to encourage deconstruction over demolition
  - d) Prohibit demolition without some element of deconstruction – link with disposal bans and incorporate into building bylaws

- e) For “b”, “c” and “d” above, the CVRD will develop model municipal bylaws in consultation with municipal staff for initiatives to be implemented at the municipal level
- f) Encourage Regional District and Municipal Planning and Permits Departments to adopt green building policies, e.g. Ucluelet
- 2) Service related options
  - a) Provide readily accessible drop off depots for source-separated construction/demolition (CD) waste throughout the Comox Valley and Strathcona Regional Districts’ area
  - b) Set the tone for private sector waste CD waste recycling capacity to be developed
    - i) Policies (disposal bans, collection bans, tipping fees, mandatory recycling or deconstruction)
    - ii) Maintain current collection program (e.g. areas at the waste management centres for source-separated CD waste materials)
- 3) Develop a targeted promotion/education campaign
  - i) Develop a construction/demo industry toolkit e.g. Metro Vancouver, Portland, OR
    - (1) Provide a CD waste recycling directory on the website
      - (a) Send a hard copy of the directory to members of local construction associations
      - (2) Contractors Guide to Reuse and Recycling
      - (3) Work with local industry associations to provide education and outreach
    - ii) CD recycling seminars

### **Promotion/Education Recommendations**

- 1) Maintain “Power of R” program
- 2) Expand the range of promotion and education activities and tools for solid waste management and zero waste, including:
  - Web-based information, including a searchable database
  - Sponsor and promote the RCBC Telephone “hotline”
  - Promoting the information provided in the local telephone directories
  - TV and Radio campaign
  - Newspaper advertising
  - Community Outreach
    - Participation in community events
    - Displays at community locations
    - Contests
    - Facility tours
    - Workshops and seminars
    - School program

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