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Solid Waste & Resource Management Plan – South Advisory Committee (AC)

Meeting #3 Minutes

Wednesday, May 14, 2014

12:30 PM – 3:30 PM

Totem Hall, Squamish Nation,

4325 Blackcomb Way, Squamish, BC

AC MEMBERS IN ATTENDANCE:

Brooke Carere	SLRD, Environmental & Utilities Services, Environmental Technician
Cheryl Skribe	WCCS, Re-use it Store, NGO Rep., Whistler BC
Cindy Watson	Vancouver Coastal Health, Squamish
David O'Malley	Environmental Protection Officer, Ministry of the Environment
Graham Hayward	Lil'wat Nation; Land, Resources and Public Infrastructure, Mt. Currie
Janis Netzel	SLRD, Director of Utilities & Environmental Services
James Abram	Village of Pemberton, Bylaw Services, LG rep. Pemberton
Jaye-Jay Berggren	Sea to Sky Soils Composting, Industry Rep., Pemberton
Linda Kelly Smith	Squamish Climate Action Network Member, NGO Rep. Squamish
Michal Kaburda	Community Representative, Whistler
Moe Freitag	SLRD Board, Area D Elected Official Furry Creek/Britannia Beach)
Pat Taylor	Carney's Waste Systems, Industry Representative, Squamish
Paul Bencharski	RMOW Environmental Services, LG Rep, Whistler
Randi Kruse	Kruse Consulting, Business Representative, Whistler
Rod MacLeod	District of Squamish, Director of Engineering
Shannon White	Community Representative, Squamish
Paul Wick	Squamish Nation, Chief Administration Officer, Squamish

ABSENT AC MEMBERS:

Brian VanStratten	Regional Recycling, Whistler
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FACILITATOR:

Todd Baker	Morrison Hershfield
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Meeting of the SWRMP Advisory Committee (AC) called to order at 12:33 PM

INTRODUCTIONS

Round table introductions were quickly done as some new participants were in attendance.

AGENDA APPROVAL

It was moved and seconded:

THAT the Agenda be approved as presented: BC/RM

CARRIED

MEETING MINUTES

It was noted & requested:

THAT the SWRMP Meeting Minutes from the April 23, 2014 meeting reflect the fact that committee members identified diversion projects & action with opportunities for regional & local collaboration a priority: RC

ACTION: BC to include in the minutes and re-distribute to AC membership.

PRESENTATION – TODD BAKER

Waste Disposal Options

Consultant presented a power point presentation that provided the committee members with an overview on current and potential disposal options both globally and throughout the SLRD with respect to disposal opportunities focused on the last 2R's of the waste reduction hierarchy: Recovery & Residuals.

DISCUSSION

The following items were discussed at the meeting:

- Bio-drying at RMOW composting site – trials currently being conducted to better understand the viability of creating a fuel product. Completion date currently unknown. No other options have been explored at this time.
- Why hasn't Whistler considered sending waste to Burnaby incinerator?
 - Incinerator is currently at capacity. Additionally, Metro Vancouver hasn't taken an official position on importing waste into their region. This would also require RMOW negotiating a contract with MV.

Mixed Waste Material Recovery

- Produces a low quality recycling product compared to source separated recycling
- Technology is evolving and is being considered in other parts of BC

Waste to Energy

- High capacity cost requiring lots of feed stock to be make it viable.
- Capital RD, Cowichan Valley RD and RD Nanaimo explored the option of one combined WTE facility and determined that the economics currently do not make the project viable.

Landfills

- Discussion on new landfill in the SLRD to research and consider using old mine sites (e.g. Britannia beach)
- Cariboo Regional District did this with the Gibraltar Mine and another concept was developed for the Highland Valley Copper Mine.
- Squamish Landfill potential to expand within current foot print. Annual rainfall an issues
- Consideration of Lillooet Landfill as the regional site. Expansion poses the following issues:
 - Capacity issues (55 years at current fill rate of approximately 2500 tonne/year)
 - Neighbouring properties included private property, first nations and BC hydro right of ways.
 - Transportation challenges (e.g Duffey Lake)
- Important to understand that any and all technologies are site specific and require detailed data analysis to understand the cost and benefits.
- Education is vital
- Waste flow control – import and export of waste and the financial implications it can have on the waste management funding model.
- Preference indicated for “in-region” solutions rather than exporting waste to another region
- Discussion on private properties in the SLRD allowing fill and other construction & demolition from the lower mainland to be brought onto their property.

- Landfill may also be accepting imported waste as it's difficult to know with certainty where material comes from. Tipping fees aligned with neighbouring regions help to reduce this behaviour.
- Additionally, allowing fill to be disposed of at landfill poses the risk of not actually knowing what is in the material, as often a manifest is not required.
- Consider implementing soil deposit and removal bylaws.
- Construction waste sorting sites in the region – what to do?
- Lil'wat Nation acting as semi- quasi transfer station for materials from Area C residents. Explore future shared opportunities.

Recommendations

1. For the SLRD and member municipalities to evaluate long-term funding models associated with Waste Management Planning throughout the SLRD. Including evaluating the business as usual approach as well as investigating cost sharing opportunities and efficiencies. Research other RD's financial modeling for advice. Timeframe - consider for 2016 Budget
2. Building off learnings from financial modeling, recommend to the Board for a detailed long term disposal options study including, but not limited to:
 - a. Landfills – expansions, siting new landfill in region
 - b. Assessment of exporting waste (Rabanco, Metro Vancouver, Cache Creek)
 - c. Cost/tonne for transportation
 - d. Importing waste
 - e. Emissions

Timeframe – consider for 2018 budget. This will provide enough time to better understand Metro Vancouver's incineration plans and if they will allow importing of waste. Additionally, current information on mixed waste material recovery facilities will likely be available.

EXERCISE

Short Term Disposal Options Decision Making Criteria

AC members were asked to select three decision making criteria for disposal options. The top identified criteria will be used in conjunction with the criteria established from the previous visioning exercises, with a specific focus on option(s) selection. The criteria established through the visioning exercise include:

1. Supports local economic development
2. Moves towards the goal of zero waste
3. Financially sustainable
4. Drives behaviour change in support of the waste management hierarchy
5. Enhances environmental protection

The results from the disposal selection criteria exercise are summarized below:

Criteria	Votes	Comments
cost benefit	11	risk management, cost/tax payer
environmental impacts	8	often associated with health benefits, but not always
proven technology	6	including outside of North America, those that work on a small scale
public health	5	
convenience	4	participation
risk & security	3	
schedule short or long term	3	
home solutions - IMBY (In My Back Yard)	2	make it visible so we know what we create!
ability to work within the multi jurisdiction	1	
follow long term vision as a guiding framework	1	
regional solution	1	not fragmented solutions
transportation	1	

MEETING WRAP UP

Future Meetings

The below meeting scheduled was discussed and agreed upon in principle.

Subject Areas Covered	Southern Advisory Committee Meetings	Northern Advisory Committee Meetings
Diversion	2 (April 23) Whistler COMPLETED	2 (June 19) Lillooet
Disposal	3 (May 14) - COMPLETED	
Other SWMP Components (DLC, Bear Aware, etc.)	4 (June 18) Pemberton	

Meeting of the SWRMP Advisory Committee (AC) adjourned at 3:37 PM