

April 6, 2019

# EVOLVING COST OF WASTE MANAGEMENT



**EASTERN REGIONAL  
SERVICE BOARD**

**FIRE | SOLID WASTE | WATER | WASTE WATER**

[www.erbsnl.ca](http://www.erbsnl.ca)

# AGENDA

- Directives from Provincial Government to deal with secondary properties and costs – What is the impact?
- Province signs on to CCME Diversion Target – How will this be achieved?
- MMSB is being reinvigorated – Why?
- Provincial Review of Waste Management Strategy – Why?
- Province grants itself authority to appoint and dismiss Chairperson of Boards – Why?

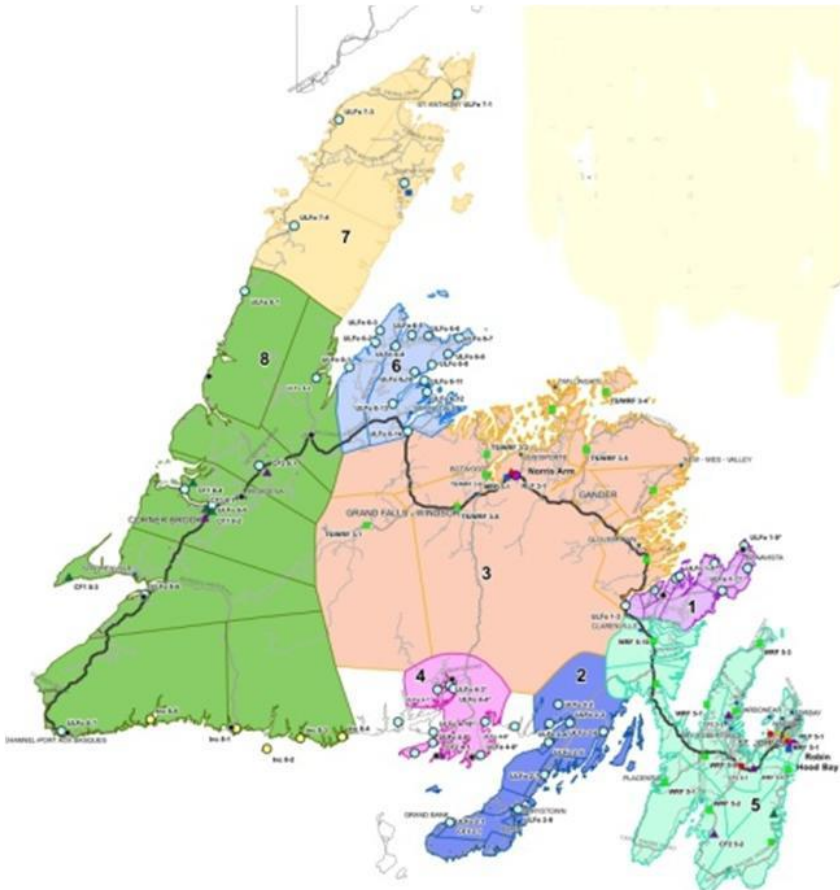
# PROVINCIAL WASTE MANAGEMENT STRATEGY



- Development of modern standards
- Disposal bans for tires, cardboard and organics
- Creation of regional waste management authorities
- Maximize economic and employment opportunities
- Full service modern waste management on Avalon Peninsula by 2010
- 50% waste diversion on Avalon Peninsula by 2015
- Full province-wide modern waste management by 2020

# ESTABLISHED SERVICE BOARDS

- Eastern Region
- Central Region
- Western Region
- Northern Peninsula
- Burin Peninsula
- Discovery (Bonavista)
- Coast of Bays
- Green Bay





# FIRST DIRECTIVE FROM PROVINCIAL GOVERNMENT

- Un-serviced roads exempt
- Un-serviced are not accessible by ERSB year round
- Response
  - Remove 14 Roads and 300 properties
  - Issued Refunds



# SECOND DIRECTIVE FROM PROVINCIAL GOVERNMENT

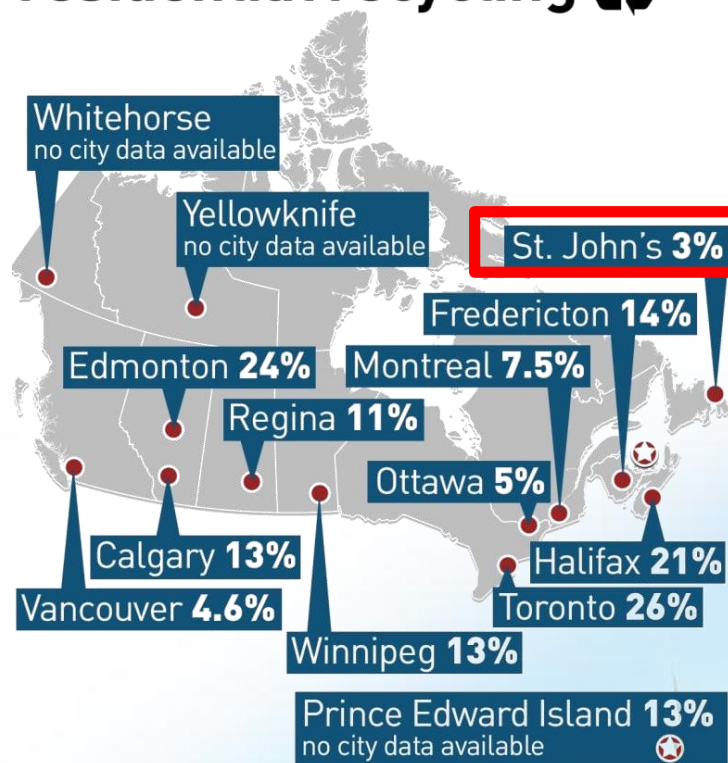
- **Secondary Properties:**
  - Voluntary service
  - Does not reduce cost of the Board
  - Cannot increase fee
- **Board's Plan:**
  - Remove the Service
  - Only serve Towns and LSD's
  - Layoffs and reduce contracts
  - No shifting of costs
  - Waste will come back to your Towns/LSDs



# STATE OF WASTE MANAGEMENT IN NEWFOUNDLAND AND LABRADOR

- Currently in NL we generate 500,000 tonnes of material annually.
- Through various programs and activities we divert 24%- 29% of that material according to the MMSB.
- Goal for diversion is 50%
- The biggest contributor to the diversion rate is metal recyclers – private sector without government interference or support.

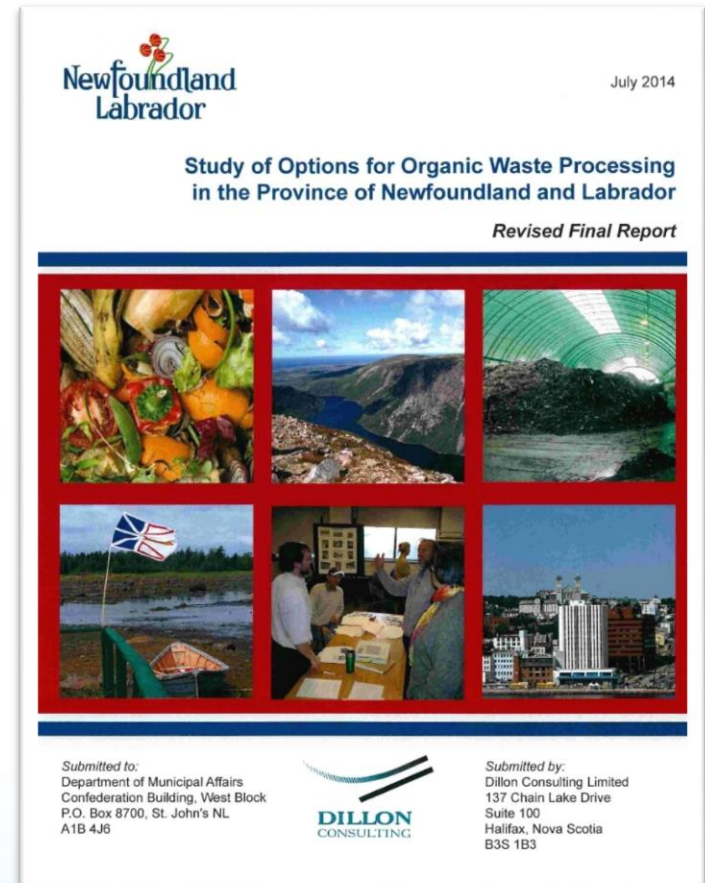
## Contamination rates for residential recycling ♻️



cbcnews.ca

# ORGANICS IS NEXT PHASE OF DIVERSION

- 2014 Dillon Study
  - Cost of operating the organics facilities
  - Capital cost of building facilities
  - Assumed no change in current curbside collection costs for the additional separated stream
- In 2013 dollars capital cost was projected to be \$117m to \$162m
- Best option extra \$25 per household each year.





# CURRENT COSTS IN OTHER REGIONS



## Tipping point: Deputy mayor says tipping fees too high in Grand Falls-Windsor



Carolyn Stokes - CBC News - Posted: Nov 15, 2016 7:02 AM NT | Last Updated: November 15, 2016



Central Newfoundland's new waste management facility in Norris Arm can sort through 15,000 tonnes of garbage every year, but is handling a fraction of that. (CBC)

The growing cost of garbage disposal in Grand Falls-Windsor has become unsustainable, says the town's deputy mayor.

- Landfill Tipping Fee
  - Western \$164/tonne
  - Central \$137/tonne
  - Eastern \$67.60/tonne
- Processing recyclables
  - Central \$457.07/tonne
  - Eastern \$263/tonne
- Central recycling facility has enough material to operate one week per month

# MINISTER EDDIE JOYCE - CBC

*"I have to find some way to speed up Western Newfoundland with their waste management strategy to help mitigate the fixed costs for Central Newfoundland."*



# DON'T LIKE THE ANSWER...

- How many times has the cost of the west coast been studied?
  - BAE Newplan did a study comparing landfill construction to trucking to central
  - Asst Deputy Minister did a study
  - Director of Waste Mgmt did a Study
  - MMSB did a study
  - Consultant just submitted his report on Operational Costs



# CONSULTANT BACKGROUND REPORTS

Four separate reports have been developed in relation to transportation costs from non-host and host regions. These reports will be made available to the successful proponent. The available reports are:

- BAE-Newplan Group Ltd. (March, 2013). *Western Newfoundland Solid Waste Management Plan.*
- Department of Municipal Affairs. (2016). *Financial Analysis of Transporting Solid Waste from the Western Region to the Landfill site at Norris Arm.*
- Multi Material Stewardship Board. (2016). *Waste Transportation Subsidy: Models for Non-Host Regions.*
- Multi Material Stewardship Board. (2017). *What We Heard: Interregional Waste Transportation Costs*



# RESULTS OF MMSB STUDY

## Provincial Summary of Transportation Subsidy

Region	Population	Number of Households	Cost From Transfer Facilities		Cost Per Household	Cost From Geographic Centroid	Cost Per Household
Northern Peninsula	12,240	4,843	\$440,847.00	★	\$91.03	\$414,007.00	\$85.49
Western	74,978	34,500	\$1,548,149.13	★	\$44.87	\$1,225,733.75	\$35.53
Coast of Bays	7,927	2,886	\$84,918.81	★	\$29.42	\$86,668.71	\$30.03
Burin	21,233	9,600	\$432,006.11		\$45.00	\$397,372.71	\$41.39
Baie Verte	13,901	5,681	\$140,664.59	★	\$24.76	\$152,666.51	\$26.87
Discovery	10,950	6,900	\$124,286.00		\$18.01	\$161,109.00	\$23.35
Provincial Subsidy			\$2,770,871.64			\$2,437,557.68	

- Provincial Subsidy required of \$2.4m to \$2.8m
- MMSB estimated that a \$10/tonne landfill levy would generate \$3m annually to finance interregional transportation costs
- Two regions do not have a cost Central and Eastern.
- Central benefits by doubling the amount of waste it will receive

# APPOINT AND DISMISS CHAIR

- Why was it important to bring this legislation in at this point?
- At dialogue on this issue – control of narrative during election?
- Minister stated no sitting chairs were to be dismissed and no process so why was it done now and in such a hurry?



# SUMMARY: IMPACTS ON YOU

