



# Solid Waste Management Strategy

## Performance Monitoring Report

August 31, 2014



## Program Summary

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In response to public consultations, Government released the Newfoundland and Labrador Waste Management Strategy in 2002 with the aim of province-wide modern waste management. The implementation plan and funding commitment were announced in 2007.

### The primary goals of the strategy are:

- Divert 50 per cent of solid waste from landfill;
- Reduction in the number of waste disposal sites by 80 per cent;
- Elimination of open burning and incineration;
- Phase out of unlined landfills; and
- Province wide implementation by 2020.

The Strategy envisioned delineating the province into waste management regions which would be governed by regional authorities who would be responsible for the development and implementation of regional waste management plans. At present, it is envisioned that two full service regional waste disposal facilities in the Eastern and Central regions on the island portion of the province will serve as the final disposal sites for all waste generated on the island portion of the province. Remaining regions (non-host) on the island will continue to develop systems to transport waste to the two full service facilities with lined landfills for final disposal. In the interim, local landfill sites will be closed and consolidated to the extent possible.

In the area of recycling, a facility opened at Robin Hood Bay in 2011, and a second facility is currently under construction at Norris Arm with an anticipated completion in the Spring of 2015. The Western Region is evaluating whether some recyclables can be more economically processed within the region rather than being transported to Norris Arm, for other non-host regions, recyclables will go to either Robin Hood Bay or Norris Arm.

Dillon Consulting was engaged in the spring of 2013 to prepare a report on potential solutions for organics/composting for the province. The report has now been finalized and posted on the Department of Municipal and Intergovernmental Affairs website. It will now be used by the Department of Municipal and Intergovernmental Affairs, MMSB and the Regional Service Boards to work together in consultation with strategy partners to develop a provincial composting infrastructure plan.

The Strategy was not prescriptive for Labrador and the isolated and remote areas of the province. It was recognized that these sites would need to be addressed on an individual basis with emphasis on improving waste disposal practices, increasing waste diversion and eliminating incineration where possible. Significant

infrastructure development has occurred in Labrador west with infrastructure planning underway in Central, Northern and Southern Labrador.

The Waste Management Strategy is an interdepartmental initiative. The Department of Environment and Conservation is responsible for environmental policy and standards. Service NL has responsibility for monitoring and enforcement. The Multi Material Stewardship Board has responsibility for public education, research and waste diversion programs. The Department of Municipal and Intergovernmental Affairs is responsible for working with communities to implement the strategy and establish regional governance.

## Performance Measurements

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<b>Strategy Goal</b>	<b>Divert 50 per cent of solid waste from landfill</b>
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**Indicator #1** Percentage of solid waste diversion

**Baseline** In keeping with Canadian Council of the Ministers of Environment commitments made in 1989, other Canadian jurisdictions use 1989 as a baseline year for evaluating changes in waste diversion and waste generation. In Newfoundland and Labrador, comprehensive waste generation data was first collected and made available by Environment Canada in 1992. This data indicated approximately 7 per cent of our waste was being diverted from the landfills. Refer to Annex A for details.

### Outcome as of December 31, 2012

Waste diversion has increased with approximately 27.6 per cent of the waste generated in our province now being diverted from landfills. This increase in diversion has been due to the implementation of provincial diversion programs, such as the Used Beverage Container Recycling Program, actions of the industrial and commercial sectors and the expansion modern waste management infrastructure brought about through the implementation of the Strategy. Refer to Annex A for details.

**Indicator #2** Number of communities, waste management regions and population with access to material recovery (recycling) facilities.

**Baseline** In 2002 when the strategy was announced, there were no material recovery (recycling) facilities in the province.

### Outcome as of March 31, 2014

As of March 31, 2014, one material recovery facility is operating in the province. This facility is located at Robin Hood Bay. All communities in the Eastern Region have access to this facility with the exception of Bell Island and communities in the Clarenville area.

Through the Eastern regional facility, 153 communities or approximately 51 per cent of the province's population currently have access to material recovery facilities.

The Central materials recovery facility at Norris Arm is nearing completion and expected to become operational in 2015

Western Regional Service Board has not yet decided if recyclables can be economically processed within the region or transported to Central Region's materials recovery facility. Recyclables in other non-host regions are expected to go to Robin Hood Bay or Norris Arm.

<b>Strategy Goal</b>	<b>Reduce the number of Waste Disposal Sites by 80 per cent</b>
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**Indicator** Number/percentage of waste disposal sites closed.

**Baseline** In 2002 when the strategy was announced, there were 236 active waste disposal sites located throughout the province.

### Outcome as of March 31, 2014

As of March 31, 2014, the number of active waste disposal sites has been reduced by 63 per cent (through the closure of 148 waste disposal sites). There are only 88 active waste disposal sites currently in operation. Of the 148 sites which have operationally closed, 95 (40 per cent) have been closed to environmental standards. Planning for the environmental closeout of the remaining 53 site is ongoing.

A full list of waste disposal sites operationally closed and a list of those closed to environmental standards to date is attached in Annex B.

<b>Strategy Goal</b>	<b>Eliminate open burning/incineration at waste disposal sites</b>
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**Indicator** Number/percent of waste disposal sites where open burning/incineration has been eliminated.

**Baseline** There were 176 waste disposal sites utilizing open burning or incineration in 2004. (This information was gathered from an engineering report commissioned by the MMSB.)

**Outcome as of March 31, 2014**

As of March 31, 2014, open burning or incineration was eliminated in a total of 140 sites (80 per cent). Refer to Annex C for a full list of remaining 36 sites with incineration or open burning.

<b>Strategy Goal</b>	<b>Phase out the use of unlined landfills</b>
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**Indicator #1** Number/percentage of unlined landfills no longer in use.

**Baseline** In 2002 there were 183 unlined landfills and 53 incinerator sites in operation for a total of 236 waste disposal sites. Since 2002, 33 of the incinerators were closed and the sites converted to interim landfills. This gives a baseline of 216 unlined landfill sites in the province.

**Outcome as of March 31, 2014**

As of March 31, 2014, 133 (63 per cent) of unlined landfills have been operationally closed. Of this total, 86 (40 per cent) have been environmentally closed to date.

**Indicator #2** Number of communities, regions and population with access to lined landfills.

**Baseline** The province is currently divided into 6 operational waste management regions on the island portion of the province (with two in the formation process) and 4 in Labrador. There are 591 communities and a population of 514,535. (2011 census data).

## Outcome as of March 31, 2014

As of March 31, 2014, the two planned lined/equivalent to lined landfill for the island have been completed. One landfill located at Robin Hood Bay (Eastern Region) and one located at Norris Arm North (Central Region). Currently two regions including 254 communities and approximately 64 per cent of the province's population have access to lined/equivalent to lined landfills.

When transfer stations become operational in the Western region and the non-host regions on the island, all solid waste will be transported to one of these two regional landfills for final disposal.

## ONGOING ACTIVITIES

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### 1) Work with communities to establish regional authorities

It was envisioned that modern waste management practices would be accomplished most effectively through regional waste management authorities with shared services and facilities. Since the announcement of the strategy, the department has worked cooperatively with communities, waste disposal committees, regional and sub-regional groups in an effort to advance the objectives of the strategy. To date, six regional service boards have been established with legislative authority under the *Regional Service Boards Act, 2012*.

- Northern Peninsula Regional Service Board, 2005
- Central Regional Service Board, 2008
- Eastern Regional Service Board, 2011
- Western Regional Service Board, 2013
- Burin Peninsula Regional Service Board, 2013
- Discovery Regional Service Board, 2013

On the island portion of the province the department is currently working with communities and waste authorities in the Baie Verte/Green Bay area and the Coast of Bays area to move forward with regional plans.

In Labrador, the department continues to work with four (4) regional waste management Committees to identify and implement modern waste management solutions.

- Western Labrador
- Central Labrador
- Southern Labrador
- Northern Labrador

## **2) Work with communities to systematically close and consolidate waste disposal sites in the interim**

The department has worked with communities and waste management groups to consolidate waste sites in the interim while regional sites were being planned and established. For example the Northern Peninsula, as a non-host region, consolidated all sites into four interim landfills sites operated by the regional service board while they wait for the establishment of the transportation system through Western for final disposal of waste at Norris Arm North. Funding has been provided for the following interim waste site consolidations since 2007:

### **Northern Peninsula – Interim Site Consolidations**

- Bill's Pit
- Hawkes Bay
- St. Anthony
- St. Barbe

### **Western – Interim Site Consolidations**

- Daniel's Harbour
- Deer Lake
- Port aux Basques
- Pollard's Point
- St. George's

### **Burin – Interim Site Consolidation**

- Grand Bank-Fortune

## **3) Work with stakeholders in the procurement and construction of modern waste management infrastructure.**

Since the 2007 announcement of funding for the Solid Waste Management Strategy, a total of \$157.7 million has been invested in associated infrastructure in the province, \$95.2 million has been provided by the Provincial Government and \$62.5 million through the federal Gas Tax Agreement.

The Department of Municipal and Intergovernmental Affairs works with regional service boards and committees to identify the required solid waste management infrastructure and oversees the engineering and construction of the related infrastructure.

#### 4) Organic waste management report

Dillon Consulting was engaged in the spring of 2013 to prepare a report on potential solutions for organics/composting for the province. The report has now been finalized and posted on the Department of Municipal and Intergovernmental Affairs website. It will now be used by the Department of Municipal and Intergovernmental Affairs, MMSB and the Regional Service Boards to work together in consultation with strategy partners to develop a provincial composting plan.

### REVIEW OF REGIONAL PROGRESS

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#### Eastern Region

The Robin Hood Bay landfill site in St. John's underwent a major redevelopment. As the Eastern regional site, the infrastructure now includes a materials recovery (recycling) facility, household hazardous waste facility, administration building, garage, public drop-off facilities, leachate control and methane capture, and related equipment.

In addition to the regional landfill site, seven waste recovery facilities (public drop off facilities for bulk items and construction and demolition debris) were constructed throughout the region. Funding has also been provided to the Eastern Regional Service Board to construct a waste recovery facility at Whitbourne, pending the identification of a suitable site.

Funding has also been provided to complete the construction of the Eastern region transfer station near Clarenville. Site work for the Transfer station is planned for the fall 2014 with the facility expected to become operational in 2015.

#### Central Region

The regional site for Central was developed at Norris Arm North. The site includes a lined landfill, administration building, scale house, garage, household hazardous waste facility, public drop off, leachate treatment facility, and related equipment.

Seven transfer stations were constructed throughout the region. Construction of the materials recovery (recycling) facility is ongoing and expected to become operational in 2015.



## **Western Region**

The Western Region was identified as a host region. However through significant analysis it has been determined that the most economical approach to modern waste management for the Western region is to transport its waste to the Central regional landfill site for final disposal. The Western region will continue to explore economical options for waste diversion and composting within the region that may be cheaper than transporting waste.

The Western regional plan has been completed and a system of six transfer stations plus three public drop-off facilities for bulk waste have been recommended at an estimated cost of approximately \$30M. A consultant has been appointed to assist in procuring the waste management infrastructure through a Design-Build process. Construction is expected to begin in late 2014 or early 2015 with facilities becoming operational in late 2016 or early 2017.

## **Northern Peninsula Region**

The Northern Peninsula waste disposal sites have been consolidated into four interim landfill sites to serve the region on an interim basis. A consultant has been recently obtained to determine the long-term infrastructure requirements and the most cost effective approach for consolidated curb-side collection for the region. The plans for the Northern Peninsula transfer system will be informed by the consultants' final report.

## **Burin Peninsula Region**

The regional plan has been completed for the Burin Peninsula. As a non-host region, solid waste will be transported to Robin Hood Bay for final disposal. A single transfer station will serve the regional and will be constructed in the Marystown area. The Burin Peninsula Region is exploring economical options for waste diversion and composting on the peninsula to offset transportation cost.

## **Discovery Region**

The regional plan for the Bonavista Peninsula will see waste transported directly to the Eastern Region transfer station located at Clarenville for final disposal of waste at the Robin Hood Bay regional landfill. Recyclables will be transported through the Eastern Region transfer station near Clarenville to the Material Recovery Facility at Robin Hood Bay. A consultant has been recently retained to prepare a tender for consolidated curb-side collection for the entire region and to identify the number and location of public drop-off sites required for bulk items. Upon completion of the Eastern region transfer station near Clarenville in 2015, collection and transportation of materials through this site will be commenced.

### **Baie Verte/Green Bay Region**

The Green Bay Waste Authority has operated a shared collection service and interim landfill for some time. However, additional work is required to develop a plan for the entire region and to develop required infrastructure for final waste disposal at the Central regional lined landfill site. A regional committee was recently established with representation from both the Green Bay and Baie Verte sub-regions to undertake a long term planning study that will identify transfer station infrastructure requirements, the most economical means of consolidated curbside collection and to establish a governance structure for the future regional service board.

### **Coast of Bays Region**

A draft study was completed for the Coast of Bays region in 2011 to consolidate local dumpsites as an interim measure. However, the recommendations of the consultant were not accepted by the regional committee. Additional work is now being planned to review further options for this region including; a long term planning study that will identify transfer station infrastructure requirements, the most economical means of consolidated curbside collection and to establish a governance structure for the future regional service board.

### **Western Labrador**

A new unlined landfill site has been developed for Labrador West including public drop off facilities, scales and kiosk. The former incinerator site at Wabush has been closed and an engineering consultant has been appointed to proceed with plans for environmental closure of the site in 2014.

### **Southern Labrador**

A study was completed which outlined various options for this region. Planning and site assessment work is ongoing with the goal of establishing one central landfill site for Southern Labrador.

### **Northern Labrador**

Meetings have been held with community representatives on the Labrador North Coast in an effort to establish the terms of reference to hire a consultant to look at potential long term waste management solutions for this area.

### **Central Labrador**

A consultant has been appointed to study waste management options for this area. Further requirements will be determined after completion of the study which is expected in 2014.

**Summary of Performance Measurements  
March 31, 2014**

GOAL	Indicator	Measured against	Measurement Baseline as of 2002	Outcome as of March 31, 2013*	Outcome as of March 31, 2014
50 per cent Diversion of Solid Waste	Access to Materials Recovery Facilities				
	a Number of Communities	591	0	144	153
	b Number of Regions	8	0	1	1
	c Population	100%	0	50%	51%
	d Metric tonnes of solid waste diverted per year	473,000	33,000	137,913	n/a**
e Percentage of solid waste diverted	100%	7%	27.6%	n/a**	
Reduce number of Waste Disposal Sites by 80 per cent	Total Waste Disposal Sites (WDS) both landfill and/or incineration				
	a Number of Waste Disposal Sites operationally closed	236	0	142	148
	b Percentage of Waste Disposal Sites operationally closed	100%	0%	60%	63%
	c Number of Waste Disposal Sites environmentally closed	236	0	67	95
d Percentage of Waste Disposal Sites environmentally closed	100%	0%	28%	40%	
Eliminate open burning/incineration	Waste Disposal Sites (WDS) with both open burning and/or incineration				
	a Number of WDS that have eliminated open burning and/or incineration	176	0	127	140
	b Percentage of WDS that have eliminated open burning and/or incineration	100%	0%	72%	80%

Phase out of unlined landfills	UNLINED landfills closed					
	a	Number of UNLINED landfills operationally closed	216	0	128	133
	b	Percentage of UNLINED landfills operationally closed	100%	0%	60%	62%
	c	Number of UNLINED landfills environmentally closed	216	0	58	86
	d	Percentage of UNLINED landfills environmentally closed	100%	0%	27%	40%
	Access to LINED landfills					
	a	Number of communities	591	0	246	254
	b	Number of Regions	8	0	2	2
	c	Population	100%	0	64%	65%

\*This Data represents the 2012 calendar year

\*\*Data for the 2013 year is currently being provided to MMSB by regional authorities

## ANNEX A

### Solid Waste Diversion Newfoundland and Labrador

1992 Provincial Waste Table

<b>Population (580,109)</b>	<b>MT/Year</b>	<b>% Total</b>	<b>Kg/person/day</b>
Total Waste Disposal	474,000	93%	2.24
Total Waste Diverted	33,400	7%	0.16
Total Waste Generated	507,400	100%	2.40

2012 Provincial Waste Table

<b>Population (514,536)</b>	<b>MT/Year</b>	<b>% Total</b>	<b>Kg/person/day</b>
Total Waste Disposal	361,124	72.4%	1.92
Total Waste Diverted	137,913	27.6%	0.73
Total Waste Generated	499,038	100%	2.66

#### NOTES:

1. Benchmark year of 1992 based upon data collected by Environment Canada.
2. Most of the diversion to date comes from paper fibre and metal recycling.
3. Waste generation does not include industrial waste such as fisheries, aquaculture, agricultural and forestry waste.
4. Waste generation overall has grown over time. This is in keeping with all other Canadian provinces and other OECD countries.

Source: MMSB

## Annex B

### List of Waste Site Closures Since 2002 March 31, 2014 (148 sites)

<b>Region</b>	<b>Community</b>
Baie Verte Peninsula/Green Bay	Beachside
Baie Verte Peninsula/Green Bay	Fleur de Lys
Baie Verte Peninsula/Green Bay	Harry's Harbour
Baie Verte Peninsula/Green Bay	King's Point
Baie Verte Peninsula/Green Bay	Long Island
Baie Verte Peninsula/Green Bay	Lushes Bight - Beaumont
Baie Verte Peninsula/Green Bay	Port Anson
Baie Verte Peninsula/Green Bay	Rattling Brook
Baie Verte Peninsula/Green Bay	Robert's Arm
Baie Verte Peninsula/Green Bay	Sheppardville
Baie Verte Peninsula/Green Bay	South Brook (Old Site)
Baie Verte Peninsula/Green Bay	Springdale
Baie Verte Peninsula/Green Bay	Triton
Burin Peninsula	Burin (White Metals site)
Burin Peninsula	Epworth
Burin Peninsula	Fox Cove-Mortier
Burin Peninsula	Frenchman's Cove
Burin Peninsula	Garnish
Burin Peninsula	Lamaline
Burin Peninsula	Lawn
Burin Peninsula	Lord's Cove
Burin Peninsula	Point May
Burin Peninsula	St. Lawrence
Burin Peninsula	Winterland
Central	Aspen Cove
Central	Badger
Central	Benton
Central	Birchy Bay
Central	Botwood
Central	Boyds Cove
Central	Browns Arm
Central	Buchans
Central	Buchans Junction
Central	Campbellton
Central	Cape Freels
Central	Carmanville
Central	Change Islands

Central	Comfort Cove
Central	Cottrell's Cove
Central	Exploits
Central	Fogo Island
Central	Gambo
Central	Gander
Central	Gander Bay (Main Point)
Central	Glenwood
Central	Hare Bay
Central	Horwood
Central	Indian Bay (Centreville Wareham)
Central	Laurenceton
Central	Leading Ticks
Central	Lewisporte
Central	Little Burnt Bay
Central	Lumsden
Central	Millertown
Central	Musgrave Harbour
Central	New World Island
Central	New-Wes-Valley
Central	Norris Arm
Central	Peterview
Central	Point Leamington
Central	Point of Bay
Central	St. Brendans
Central	St. Brendans (Site #2)
Central	Stoneville
Central	Terra Nova Regional
Central	Terra Nova Village
Central	Twillingate
Coast of Bays	Belleoram
Discovery	Jamestown/Winter Brook
Eastern	Admirals Beach
Eastern	Avondale
Eastern	Bay Bulls
Eastern	Branch
Eastern	Brigus
Eastern	Cape Broyle
Eastern	Cavendish
Eastern	Chance Cove
Eastern	Colinet
Eastern	Fairhaven
Eastern	Ferryland

Eastern	Fox Harbour
Eastern	Gaskiers
Eastern	George's Brook
Eastern	Grates Cove
Eastern	Harbour Grace
Eastern	Heart's Delight
Eastern	Hillview
Eastern	Holyrood
Eastern	Lower Island Cove
Eastern	Mount Carmel
Eastern	New Harbour
Eastern	Norman's Cove
Eastern	North Harbour
Eastern	Northern Bay
Eastern	Old Perlican
Eastern	Placentia-Freshwater-Dunville-Argentia
Eastern	Point Lance
Eastern	Queens Cove
Eastern	Renews-Cappahayden
Eastern	Small Point
Eastern	Southern Harbour
Eastern	St. Brides (Cuslett Site)
Eastern	St. Joseph's
Eastern	St. Mary's
Eastern	St. Vincents-St. Stephen's
Eastern	Swift Current (Garden Cove Site)
Eastern	Trepassey
Eastern	Western Bay
Eastern	Whitbourne
Eastern	Winterton
Isolated/Remote (Island)	Grand Bruit
Isolated/Remote (Island)	Great Harbour Deep
Isolated/Remote (Western)	Grey River
Labrador North Coast (Isolated/Remote)	Anaktalak Bay 1
Labrador North Coast (Isolated/Remote)	Anaktalak Bay 2
Northern Peninsula (NorPen)	Castor River
Northern Peninsula (NorPen)	Conche
Northern Peninsula (NorPen)	Cook's Harbour
Northern Peninsula (NorPen)	Croque
Northern Peninsula (NorPen)	Englee - Bide Arm - Roddickton
Northern Peninsula (NorPen)	Main Brook
Northern Peninsula (NorPen)	North Boat Harbour
Northern Peninsula (NorPen)	Ship Cove



Northern Peninsula (NorPen)	St. Lunaire - Griquet
Northern Peninsula (NorPen)	St. of Belle Isle
Southern Labrador	Pinsent's Arm
Western	Abitibi Stephenville 1
Western	Abitibi Stephenville 2
Western	Bay St. George's South
Western	Cape St. George
Western	Codroy Valley
Western	Fox Island River-Point Au Mal
Western	Gallants
Western	Hampden
Western	Howley
Western	Jackson's Arm
Western	Kippens
Western	Lomond
Western	Lourdes
Western	Norris Point (Rocky Harbour)
Western	Pasadena
Western	Port au Port East
Western	Port aux Basques (scrap-metal)
Western	Rose Blanche
Western	South Branch
Western	Stephenville
Western	Trout River
Western Labrador	Wabush/Labrador City

**List of Sites Environmental Closed  
to March 31, 2014 (95 sites)**

<b>Region</b>	<b>Site Name</b>
Baie Verte Peninsula/Green Bay	Beachside
Baie Verte Peninsula/Green Bay	Fleur de Lys
Baie Verte Peninsula/Green Bay	Harry's Harbour
Baie Verte Peninsula/Green Bay	King's Point
Baie Verte Peninsula/Green Bay	Long Island
Baie Verte Peninsula/Green Bay	Port Anson
Baie Verte Peninsula/Green Bay	Rattling Brook
Central	Aspen Cove
Central	Badger
Central	Birchy Bay
Central	Boyds Cove
Central	Browns Arm
Central	Buchans
Central	Buchans Junction
Central	Campbellton
Central	Cape Freels
Central	Carmanville
Central	Change Islands
Central	Comfort Cove
Central	Cottrell's Cove
Central	Fogo Island
Central	Gambo
Central	Gander Bay (Main Point)
Central	Glenwood
Central	Hare Bay
Central	Horwood
Central	Indian Bay (Centreville Wareham)
Central	Laurenceton
Central	Leading Ticks
Central	Lewisporte
Central	Little Burnt Bay
Central	Lumsden
Central	Millertown
Central	Musgrave Harbour
Central	New World Island
Central	New-Wes-Valley
Central	Norris Arm
Central	Peterview

Central	Point Leamington
Central	Point of Bay
Central	St. Brendans
Central	St. Brendans (Site #2)
Central	Stoneville
Central	Terra Nova Regional
Central	Twillingate
Eastern	Admirals Beach
Eastern	Bay Bulls
Eastern	Branch
Eastern	Brigus
Eastern	Cape Broyle
Eastern	Cavendish
Eastern	Chance Cove
Eastern	Colinet
Eastern	Fairhaven
Eastern	Ferryland
Eastern	Fox Harbour
Eastern	Gaskiers
Eastern	George's Brook
Eastern	Grates Cove
Eastern	Harbour Grace
Eastern	Heart's Delight
Eastern	Hillview
Eastern	Holyrood
Eastern	Mount Carmel
Eastern	Norman's Cove
Eastern	North Harbour
Eastern	Northern Bay
Eastern	Old Perlican
Eastern	Placentia-Freshwater-Dunville-Argentia
Eastern	Point Lance
Eastern	Queens Cove
Eastern	Renews-Cappahayden
Eastern	Small Point
Eastern	Southern Harbour
Eastern	St. Brides (Cuslett Site)
Eastern	St. Joseph's
Eastern	St. Mary's
Eastern	St. Vincents-St. Stephen's
Eastern	Swift Current (Garden Cove Site)
Eastern	Trepassey
Eastern	Western Bay

Eastern	Winterton
Northern Peninsula (NorPen)	Castor River
Northern Peninsula (NorPen)	Conche
Northern Peninsula (NorPen)	Croque
Northern Peninsula (NorPen)	Englee - Bide Arm - Roddickton
Northern Peninsula (NorPen)	Main Brook
Northern Peninsula (NorPen)	Ship Cove
Northern Peninsula (NorPen)	St. Lunaire - Griquet
Northern Peninsula (NorPen)	St. of Belle Isle
Southern Labrador	Pinsent's Arm
Western	Cape St. George
Western	Kippens
Western	Port au Port East
Western	Port aux Basques (scrap-metal)

**Annex C**  
**List of Waste Site with Incinerator or Open Burning (March 31, 2014)**

<b>Region</b>	<b>Community</b>	<b>Incinerator</b>	<b>Open Burning</b>
Bonavista Peninsula	Amherst Cove	No	yes
Bonavista Peninsula	Catalina	No	yes
Bonavista Peninsula	Champney	No	yes
Bonavista Peninsula	King's Cove	No	yes
Bonavista Peninsula	Musgravetown	No	yes
Bonavista Peninsula	Southern Bay	No	yes
Burin Peninsula	Bay L'Argent	No	yes
Burin Peninsula	English Harbour East	No	yes
Burin Peninsula	Grand Le Pierre	No	yes
Burin Peninsula	Marystown	No	yes
Burin Peninsula	Monkstown	No	yes
Burin Peninsula	Rushoon	No	yes
Burin Peninsula	Terrenceville	No	yes
Central Labrador	Mud Lake	Yes	no
Isolated/Remote (Island)	Francois	Yes	no
Isolated/Remote (Island)	La Poile	Yes	no
Isolated/Remote (Island)	McCallum	Yes	no
Isolated/Remote (Island)	Ramea	Yes	no
Labrador North Coast	Hopedale	No	yes
Labrador North Coast	Makkovik	No	yes
Labrador North Coast	Nain	No	yes
Labrador North Coast	Natuashish	No	yes
Labrador North Coast	Postville	No	yes
Labrador North Coast	Rigolet	No	yes
Southern Labrador	Black Tickle	No	yes
Southern Labrador	Cartwright	No	yes
Southern Labrador	Charlottetown	No	yes
Southern Labrador	Forteau	No	yes
Southern Labrador	Lodge Bay	No	yes
Southern Labrador	Mary's Harbour	No	yes
Southern Labrador	Norman Bay	No	yes
Southern Labrador	Port Hope Simpson	No	yes
Southern Labrador	Red Bay	No	yes
Southern Labrador	St. Lewis	No	yes
Southern Labrador	William's Harbour	No	yes
Western	Burgeo	No	yes