

MUNICIPAL AFFAIRS AND ENVIRONMENT

SOLID WASTE MANAGEMENT STRATEGY PERFORMANCE MONITORING REPORT

MAY 2017

(Revised as of October 2017)





Program Summary

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 2025.

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 opened at Norris Arm North in March, 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 are anticipated to go to either Robin Hood Bay or Norris Arm unless it can be demonstrated that it is more economical to process recyclables within the region.

In 2014, Dillon Consulting completed a report on potential solutions for organics/composting for the province. The final report is posted on the Department of Municipal Affairs and Environment website. The report will be used by the Department, MMSB and the Regional Service Boards 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 planning currently underway in Central, Northern and Southern Labrador.

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

Performance Measurements

Increase Diversion of Solid Waste

Strategy Goal:

Divert 50 per cent of solid waste from landfill.

Indicator #1: Percentage of solid waste diversion.

Baseline: In Newfoundland and Labrador, comprehensive waste generation data collected by Environment Canada in 1992 has been established as the provincial baseline year. The data indicated that approximately seven per cent of waste was being diverted from landfills in the province. Refer to Annex A for details.

Outcome as of December 31, 2015

In 2015, the waste diversion rate in Newfoundland and Labrador was 23.68 per cent. Primary factors contributing to the province's diversion rate include: provincial, regional and municipal diversion and recycling programs; private waste management activities; ongoing implementation of regional waste management infrastructure; and public education and awareness activities. Refer to Annex A for details.

As of March 31, 2017, the latest data available is for 2015. The MMSB is currently compiling updated data from all provincial sources.

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, 2017

As of March 31, 2017, two material recovery facilities are operating in the province. These facilities are located at Robin Hood Bay and Norris Arm North. All communities in Central Region and Eastern Region have access to these facilities, with the exception of Bell Island

Through these facilities, approximately 67 per cent of the province's population currently has access to material recovery facilities.

Reduce Number of Waste Disposal Sites

Strategy Goal:

Reduce the number of solid waste disposal sites by 80 per cent.

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, 2017

As of March 31, 2017, the number of active waste disposal sites has been reduced by 68% per cent (through the closure of 161 waste disposal sites). There are 75 active waste disposal sites currently in operation, including the two regional landfill sites.

Of the 161 sites which have operationally closed to date, 19 (12 per cent) were closed prior to 2007. A total of 123 (76 per cent) have been closed to environmental standards as part of the Strategy Implementation plan since 2007. Planning for the environmental closeout of the remaining 19 operationally closed sites (12 per cent) is ongoing.

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

Eliminate Open Burning and Incineration

Strategy Goal:

Eliminate open burning/incineration at local waste disposal sites.

Indicator: Number/per cent 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, 2017

As of March 31, 2017, open burning or incineration was eliminated in a total of 147 sites (84 per cent). The approval to continue to open burn is assessed on a case by case basis. Sites that continue to be approved to open burn are approved to do so for operational reasons such as no daily cover readily available. Refer to Annex C for a full list of the remaining 29 sites with incineration or open burning.

Phase out Unlined Landfills

Strategy Goal:

Phase out the use of unlined landfills

Indicator #1: Number/percentage of unlined landfills no longer in use.

Baseline: In 2002, there were 181 unlined landfills and 53 incinerator sites in operation for a total of 234 waste disposal sites. Since 2002, 33 of the incinerators were closed and the sites converted to interim landfills. This gives a baseline of 214 unlined landfill sites in the province.

Outcome as of March 31, 2017

As of March 31, 2017, 146 (68 per cent) unlined landfills have been operationally closed. Of this total, 14 (10 per cent) were closed prior to the strategy and 113 (77 per cent) have been environmentally closed as part of the Strategy Implementation.

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

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

Outcome as of March 31, 2017

As of March 31, 2017, the two planned lined/equivalent to lined landfills 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 with approximately 67 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

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, seven 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
- Coast of Bays Regional Service Board, 2015

On the island portion of the province, the department is currently working with communities in the Baie Verte Peninsula-Green Bay area to move forward with regional plans.

In Labrador, the department continues to work with four regional waste management committees to identify and implement modern waste management solutions.

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

Close and Consolidate Waste Disposal Sites

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
- Burgeo

Burin – Interim Site Consolidation

- Grand Bank-Fortune

Regional Waste Management Infrastructure

Since the 2007 announcement of funding for the Solid Waste Management Strategy, a total of \$172.9 million has been invested in associated infrastructure in the province, \$99.7 million has been provided by the Provincial Government and \$73.3 million through the federal Gas Tax Agreement.

The Department of Municipal Affairs and Environment 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.

Organic Waste Management

In 2014, Dillon Consulting completed a report on potential solutions for organics/composting for the province. The report will be used by the Department of Municipal Affairs and Environment, MMSB and the Regional Service Boards in consultation with strategy partners to develop a provincial composting plan. The target date for the development of full-scale organic waste management is 2025.

Review of Regional Progress

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, ten public drop-off facilities for bulk items and construction and demolition debris were constructed throughout the region with the final site at Whitbourne completed in 2016.

The construction of a Transfer Station near Clarendville has been completed. As of January 2016, waste from communities in the Clarendville area is being transferred through the transfer station and on to the regional site at Robin Hood Bay.

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 was completed and the facility began operations in March of 2015.

Western Region

The Western Region was originally identified as a host region. However through significant analysis it was 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.

The Western regional plan has been completed and a system of six transfer stations plus three public drop-off facilities for bulk waste has been recommended at an estimated cost of approximately \$40 million. The contract for the Design-Build of the Western transfer stations was awarded and construction began in 2015. It is expected the regional facilities will become operational in 2018.

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 was appointed to determine the long-term infrastructure requirements and the most cost effective approach for consolidated curb-side collection for the region. The board will determine final plans for the regional system after the Western Regional system becomes operational.

Burin Peninsula Region

The regional plan has been completed for the Burin Peninsula. The plan called for solid waste to be transported to Robin Hood Bay for final disposal. A single transfer station would serve the region and 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 was 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. It is anticipated that a regional collection system will be implemented in 2017-18.

Baie Verte Peninsula-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 established with representation from both the Green Bay and Baie Verte sub-regions and a consultant was appointed to undertake a long term planning study to 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

The Coast of Bays regional committee engaged a consultant to develop a plan for the long term waste management infrastructure needs of the region; to look for the most economical approach to curbside collection. A regional service board has recently been established and the nomination/election of board members will be completed in the near future. The initial Board of Directors will guide the construction of facilities and establish operation policies for the 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 environmental closure of the former incinerator site at Wabush was completed 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

In consultation with the Department, communities along the Labrador North Coast have hired a consultant to review potential long-term waste management solutions for this area. The consultant's report is expected to be completed in 2017-18.

Central Labrador

A consultant has completed a study of waste management options for Central Labrador and has provided the final report to the Town of Happy Valley-Goose Bay. The Department will work with the Town to determine the necessary infrastructure requirements.

**Summary of Performance Measurements
March 31, 2017**

GOAL	Indicator	Measured against	Baseline as of 2002	Outcome as of March 31, 2013	Outcome as of March 31, 2014	Outcome as of March 31, 2015	Outcome as of March 31, 2016	Outcome as of March 31, 2017
50 per cent Diversion of Solid Waste	Access to Materials Recovery Facilities							
	a	Number of Communities	591	0	144	153	257	265
	b	Number of Regions	8	0	1	1	2	2
	c	Percentage of Population	100%	0	50%	51%	65%	67%
	d	Metric tonnes of solid waste diverted per year	473,000	33,000	137,913*	141,235*	134,143*	122,473*
e	Percentage of solid waste diverted	100%	7%	27.6%*	27.0%*	25.15*	23.68*	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	154	161
	b	Percentage of Waste Disposal Sites operationally closed	100%	0	60%	63%	65%	68%
	c	Number of Waste Disposal Sites environmentally closed	192	0	67	95	111	119
d	Percentage of Waste Disposal Sites environmentally closed	100%	0	35%	49%	58%	62%	64%
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	141	147
	UNLINED landfills closed							
	a	Number of UNLINED landfills operationally closed	214	0	128	133	139	146

GOAL	Indicator		Measured against	Baseline as of 2002	Outcome as of March 31, 2013	Outcome as of March 31, 2014	Outcome as of March 31, 2015	Outcome as of March 31, 2016	Outcome as of March 31, 2017
Phase out of unlined landfills	b	Percentage of UNLINED landfills operationally closed	100%	0%	60%	62%	65%	68%	68%
	c	Number of UNLINED landfills environmentally closed	182	0	58	86	102	109	113
	d	Percentage of UNLINED landfills environmentally closed	100%	0%	32%	47%	56%	60%	62%
	Access to LINED landfills								
	a	Number of communities	591	0	246	253	257	265	265
	b	Number of Regions	8	0	2	2	2	2	2
	c	Population	100%	0	64%	65%	65%	67%	67%

**Waste diversion data for March 31st represents the prior calendar year. Refer to Annex A for details.*

***Data for the 2016 year is currently being compiled by the MMSB.*

ANNEX A

Solid Waste Diversion

1992 Provincial Waste Population of Newfoundland and Labrador: 580,109			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	474,000	93%	2.24
Total Waste Diverted	33,400	7%	0.16
Total Waste Generated	507,400	100%	2.4

2011 Provincial Waste Population of Newfoundland and Labrador: 514,536			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	342,699	72.44%	1.82
Total Waste Diverted	130,370	27.56%	0.69
Total Waste Generated	473,069	100.00%	2.52

2012 Provincial Waste Population of Newfoundland and Labrador: 514,536			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	361,124	72.36%	1.92
Total Waste Diverted	137,913	27.64%	0.73
Total Waste Generated	499,038	100%	2.66

2013 Provincial Waste Population of Newfoundland and Labrador: 514,536			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	382,370	73.03%	2.04
Total Waste Diverted	141,235	26.97%	0.75
Total Waste Generated	523,605	100%	2.79

2014 Provincial Waste Population of Newfoundland and Labrador: 514,536			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	399,188	74.85%	2.13
Total Waste Diverted	134,144	25.15%	0.71
Total Waste Generated	533,332	100.00%	2.84
Population	514,536		

2015 Provincial Waste Population of Newfoundland and Labrador: 514,536			
Performance Metric	MT/year	%total	kg/person/day
Total Waste Disposed through Municipal Systems	394,756	76.32%	2.10
Total Waste Diverted	122,473	23.68%	0.65
Total Waste Generated	517,229	100.00%	2.75

NOTES:

1. 1992 baseline data was collected by Environment Canada.
2. Paper fibre and metal recycling comprise the majority of diverted waste materials in all reporting years.
3. Waste generation and diversion data for all reporting years does not include fisheries, aquaculture, agricultural and forestry waste.
4. Increases in waste generation is consistent with trends in all Canadian provinces and OECD countries.

Source: MMSB

Annex B

List of Waste Site Closures Since 2002 March 31, 2017 (161 sites)

Region	Community
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	Bay L'Argent
Burin Peninsula	Burin
Burin Peninsula	English Harbour East
Burin Peninsula	Epworth
Burin Peninsula	Fox Cove-Mortier
Burin Peninsula	Frenchman's Cove
Burin Peninsula	Garnish
Burin Peninsula	Grand Bank-Fortune
Burin Peninsula	Grand Le Pierre
Burin Peninsula	Lamaline
Burin Peninsula	Lawn
Burin Peninsula	Lord's Cove
Burin Peninsula	Monkstown
Burin Peninsula	Point May
Burin Peninsula	Rushoon
Burin Peninsula	St. Lawrence
Burin Peninsula	Terrenceville
Burin Peninsula	Winterland
Central	Aspen Cove
Central	Badger

Region	Community
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)

Region	Community
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	Clareville
Eastern	Colinet
Eastern	Fairhaven
Eastern	Ferryland
Eastern	Fox Harbour
Eastern	Gaskiers
Eastern	George's Brook
Eastern	Grates Cove
Eastern	Harbour Grace
Eastern	Harcourt/Burgoyne's
Eastern	Heart's Delight
Eastern	Hillview
Eastern	Hodge's Cove
Eastern	Holyrood
Eastern	Little Heart's Ease
Eastern	Lower Island Cove
Eastern	Mount Carmel
Eastern	New Harbour
Eastern	Norman's Cove
Eastern	North Harbour
Eastern	Northern Bay
Eastern	Old Perlican

Region	Community
Eastern	Placentia-Freshwater-Dunville-Argentia
Eastern	Point Lance
Eastern	Queens Cove
Eastern	Random Island
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

Region	Community
Western	Bay St. George's South
Western	Cape St. George
Western	Codroy Valley
Western	Cox's Cove
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, 2017 (123 sites)**

Region	Site Name
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
Burin Peninsula	Burin
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	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	Exploits
Central	Fogo Island
Central	Gambo

Region	Site Name
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	Clarenville
Eastern	Colinet
Eastern	Fairhaven
Eastern	Ferryland
Eastern	Fox Harbour
Eastern	Gaskiers
Eastern	George's Brook

Region	Site Name
Eastern	Grates Cove
Eastern	Harbour Grace
Eastern	Heart's Delight
Eastern	Hillview
Eastern	Hodge's Cove
Eastern	Holyrood
Eastern	Little Heart's Ease
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	Winterton
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)	Ship Cove
Northern Peninsula (NorPen)	St. Lunaire – Griquet
Northern Peninsula (NorPen)	St. of Belle Isle

Region	Site Name
Southern Labrador	Pinsent's Arm
Western	Bay St. George South
Western	Cape St. George
Western	Codroy Valley
Western	Fox Island River-Point Au Mal
Western	Gallants
Western	Hampden
Western	Jackson's Arm
Western	Kippens
Western	Lourdes
Western	Port au Port East
Western	Port aux Basques (scrap-metal)
Western	Rose Blanche
Western	South Branch
Western	Stephenville
Western Labrador	Wabush Incinerator Site

Annex C
List of Waste Site with Incinerator or Open Burning (March 31, 2017)

Region	Community	Incinerator	Open Burning
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
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