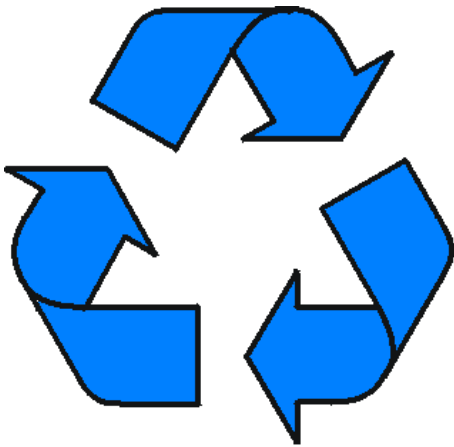


Gas Tax Fund and Public Transit Fund

Outcomes Report



Municipal Affairs

Government of Newfoundland and Labrador - Canada

September 30, 2009

Province of Newfoundland and Labrador – Gas Tax Fund and Public Transit Fund Outcomes Report

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Executive Summary

This Outcomes Report describes the progress made toward the achievement of the key environmental outcomes of the Gas Tax Fund (GTF) and Public Transit Fund (PTF) in the Province of Newfoundland and Labrador (NL).

A total of sixty-six (66) projects have been completed as of March 31, 2008, including fifty-two (52) projects completed by municipalities and Inuit Community Governments (as of December 31, 2007), and fourteen (14) projects completed under the NL Waste Management Strategy (as of March 31, 2008).

All completed projects are contributing to the achievement of one, or a combination of the Program's intermediate and ultimate outcomes. Intermediate outcomes are:

- Improved air quality;
- Improved energy use;
- Improved water quality / safety; and,
- Improved conservation / protection of water.

Ultimate outcomes are:

- Cleaner air and reduced Greenhouse Gas emissions; and,
- Cleaner Water

The first set of project information supporting this report is based on projects that were completed by eligible recipients in the Province prior to December 31, 2007 with funding from GTF or PTF. A total of fifty-two (52) projects were completed by that date. GTF funded \$5,436,828.98 of the total estimated cost of \$11,917,863.14 of these projects.

The second set of project information supporting this report is based on projects completed as part of the Provincial Waste Management Strategy. This funding is from GTF and is allocated to the Waste Management Strategy before an allocation is made to the individual municipalities and Inuit Community Governments. In addition to the fifty-two (52) projects completed by eligible recipients as of December 31, 2007, fourteen (14) GTF-funded projects were completed as of March 31, 2008, at a total cost of \$1,004,678.08 in order to advance the Province's Waste Management Strategy. Most of these projects provided benefits to a region or a number of municipalities and Inuit Community Governments.

Figure 1 illustrates the number of projects that have an impact on the intermediate outcomes. Of the sixty-six (66) projects completed by municipalities and Inuit Community Governments and through the Waste Management Strategy, forty-seven (47) projects were directly related to the intermediate outcome of Improved Air Quality; twenty-three (23) projects were directly related to the outcome of Improved Conservation / Protection of Water; twenty (20) projects have a direct impact on the outcome of Improved Water Quality, and twenty (20) projects are related to Improved Energy Use. The total is greater than sixty-six (66) since some projects may influence more than one intermediate outcome.

Figure 2 shows the completed projects, per project category. Figure 3 shows the total funds allocated for projects, per project category.

Figure 1: Number of Completed Projects according to the Outcomes Influenced

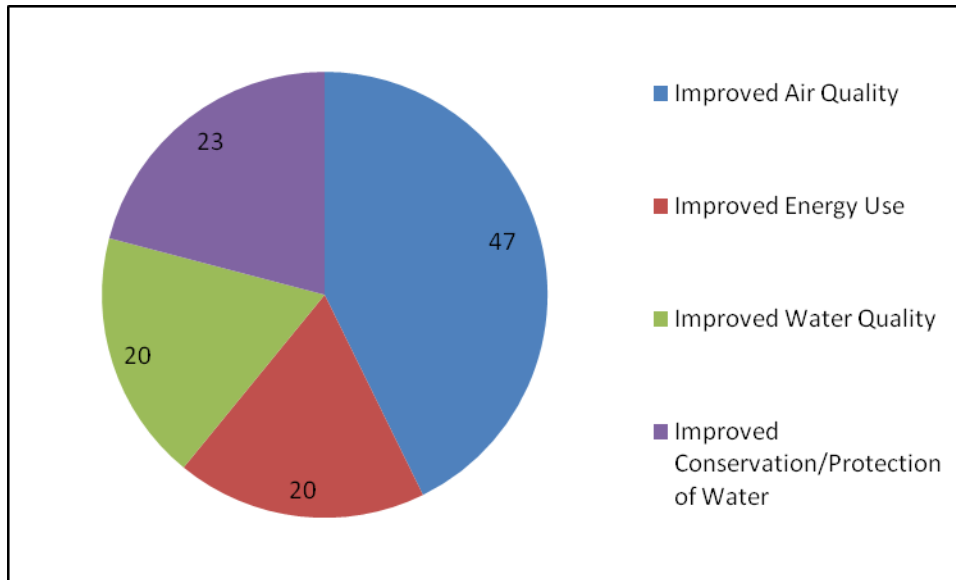


Figure 2: Completed Projects (66 completed projects: 52 by Municipalities and ICGs; 14 by the NL Waste Management Strategy)

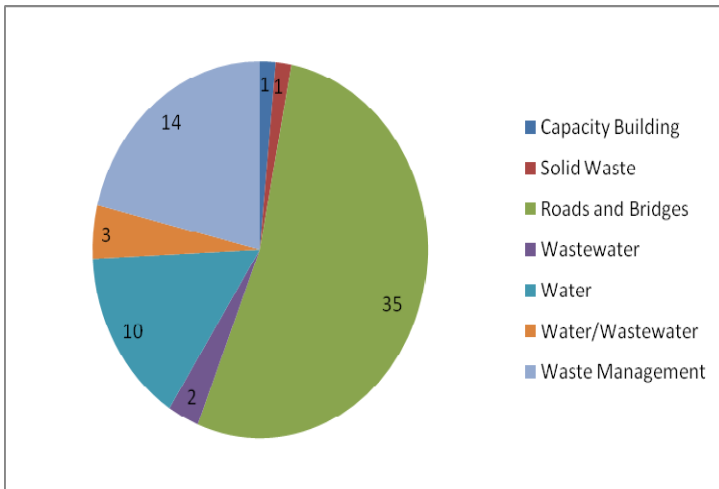
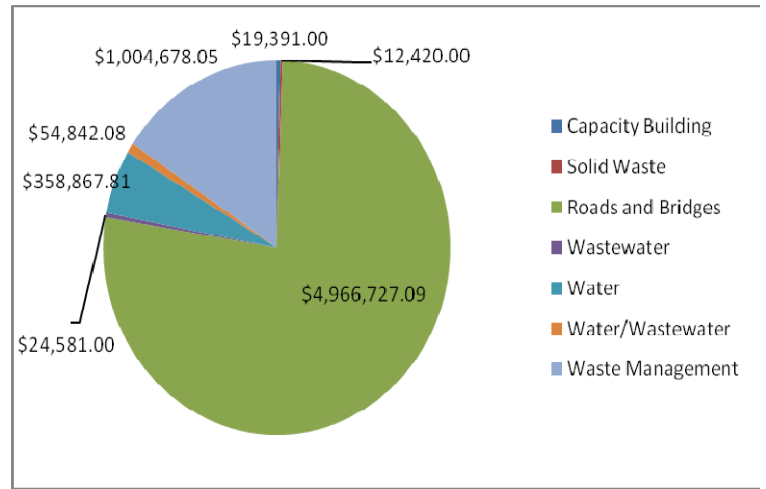


Figure 3: Total GTF Funds Spent for Completed Projects (including those funded as part of the NL Waste Management Strategy)



1.0 Introduction

This Outcomes Report describes the progress made toward the achievement of the key environmental outcomes of the Gas Tax Fund (GTF) and Public Transit Fund (PTF) in the Province of Newfoundland and Labrador (NL).

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All completed projects are contributing to the achievement of one, or a combination of the Program's intermediate and ultimate outcomes. Intermediate outcomes are:

- Improved air quality;
- Improved energy use;
- Improved water quality / safety; and,
- Improved conservation / protection of water.

Ultimate outcomes are:

- Cleaner air; reduced Greenhouse Gas emissions; and,
- Cleaner Water

1.1. The Gas Tax Fund

The GTF is designed to contribute to the Government of Canada's national environmental outcomes through targeted support for sustainable municipal infrastructure in Canadian eligible recipients' jurisdictions. The GTF provides reliable, predictable and multi-year funding to eligible recipients that enable them to make investments in infrastructure projects that address local needs and help to produce the shared national outcomes of cleaner air, cleaner water and reduced Greenhouse Gas emissions. Also, the GTF is expected to promote linking infrastructure investments to long term integrated sustainability plans and strengthen eligible recipients' abilities to make integrated financing and investment decisions reflecting their needs and circumstances.

Unlike contribution programs, funding under this initiative flows before the expenditures for which it is intended are incurred. The GTF is a per capita allocation that is transferred to a province on a semi-annual basis. Allocations have been determined through fiscal year 2013-2014 (extending from 2005 until 2014), and impose a number of conditions on eligible recipients (e.g. incremental spending and integrated sustainability planning).

Eligible investments include capital expenditures for environmentally sustainable municipal infrastructure, which is defined as local infrastructure projects that contribute to reduced Greenhouse Gas emissions, to clean water or air and fall in one of the following categories:

1. water;
2. wastewater;
3. solid waste;
4. public transit;
5. jurisdiction energy systems; and,
6. roads and bridges that enhance sustainability outcomes.

Funds can also be used to undertake a number of capacity building projects.

Through GTF, Canada promotes improved quality of life in communities and supports environmentally sustainable municipal infrastructure in support of the shared national objectives of cleaner air, cleaner water, and reduced Greenhouse Gas emissions. In Newfoundland and Labrador, an “eligible recipient” is defined as:

- i. a Local Government;
- ii. a non-municipal entity, on the condition that the Local Government where the proposed Eligible Project would be housed has indicated support for the Eligible Project through a formal resolution of the Local Government's council. A non-municipal entity includes:
 - o for-profit organizations, or
 - o non-governmental organizations, or
 - o not-for-profit organizations.
- iii. Any other entity that delivers core municipal services in Newfoundland and Labrador agreed to in a jurisdiction by Canada and that jurisdiction during the negotiation of the Agreement.

Inuit Community Governments are: Nain, Hopedale, Makkovik, Postville, and Rigolet.

The GTF funding allocation for the Province of Newfoundland and Labrador was a total of \$82.250 Million between fiscal years 2006-07 and 2009-10. For the period to 2014, GTF funding to the Province has been announced at the level of \$31,166,000 per year. For the full period from 2005-2006 to 2013-2014, the total GTF allocation to the Province is \$206,914,000.

The following table is a breakdown of the Gas Tax Fund allocation to Newfoundland and Labrador between 2005-2014 (source: <http://www.buildingcanada-chantierscanada.gc.ca/regions/nl/2009-04-09-eng.html>):

Table 1: Breakdown of GTF allocation to Newfoundland and Labrador between 2005-2014

Year	Allocation
2005-2006	\$9,870,000
2006-2007	\$9,870,000
2007-2008	\$13,160,000
2008-2009	\$16,450,000
2009-2010	\$32,900,000
2010-2011	\$31,166,000
2011-2012	\$31,166,000
2012-2013	\$31,166,000
2013-2014	\$31,166,000
Total	\$206,914,000

1.2 The Public Transit Fund

Modeled after GTF, the PTF is a transfer payment program designed to provide funding to improve public transit services to Canadians and contribute to shared national outcomes of reduced smog forming emissions, reduced Greenhouse Gas emissions and cleaner air.

The PTF is meant to produce the following benefits to Canadians:

- Reduced Greenhouse Gas emissions and smog in urban areas by improving services and offering Canadians greater flexibility in their transportation options;
- More attractive public transit that can induce a shift from auto travel to more fuel-efficient and cost-effective transit;
- Increased use of public transit that can lead to a reduction of congestion levels, further improving energy use and air quality; and,
- Promotion of economic activity and competitiveness of urban areas through public transit.

Like the GTF, the PTF is managed through agreements between Infrastructure Canada (INFC) and initial recipients (the Newfoundland and Labrador Provincial Government, a municipality, municipal entity or a transit agency) which in turn flows the funds to ultimate recipients (e.g., municipalities, transit agencies). The Oversight Committee, established as a condition of the GTF Agreement, performs the same functions for the PTF.

The PTF funding for the Province of Newfoundland and Labrador was \$6.473M. Funding was provided to the Province in 2006-07.

1.3 Methodology, Approach and Limitations

The information presented in this Outcomes Report is based on data collected against the indicators developed to measure the outputs and outcomes as laid out in the National Performance Framework (NPF) located in Appendix A.

The data was collected by two means – documentation review and interviews. The key documents reviewed were the Annual Expenditure Reports from Fiscal Year 06-07 and 07-08. The complete list of documents reviewed is located in Appendix B. A sample of communities with completed projects participated in a telephone interview to confirm the data provided in the Annual Expenditure Report regarding projects completed as of December 31, 2007. The list of funding by project category and communities with completed projects as of December 31, 2007 are located in Appendix C and Appendix D respectively. Communities that were contacted by telephone are indicated in the listing at Appendix D by an asterisk (*).

Several, brief interviews were also conducted with representatives from the Department Municipal Affairs as well as from Municipalities Newfoundland and Labrador (MNL). The complete list of these interviewees is located in Appendix E.

Progress on outputs was measured by counting items such as the number of kilometers of road (new and paved), or the amount of waste diverted, etc. Outcomes were measured by using the data from the Annual Expenditure Reports and by contacting a sample of eligible recipients and confirming the number of projects, dollar value of projects and benefits of the projects that were completed in support of the achievement of each outcome.

In this first Outcomes Report from NL as advised by Infrastructure Canada through the NPF for the GTF, the number and dollar value of projects is provided, as well as additional available quantitative and qualitative information regarding outcomes.

A workbook of GTF/PTF Outcomes Data Collection Tools has been created and can be used in the future to collect data regarding outcomes, based on the projects completed by eligible recipients. These materials are attached to this report as Addendum 1.

2.0 Findings

2.1 Overall

Two sets of project information support this outcomes report.

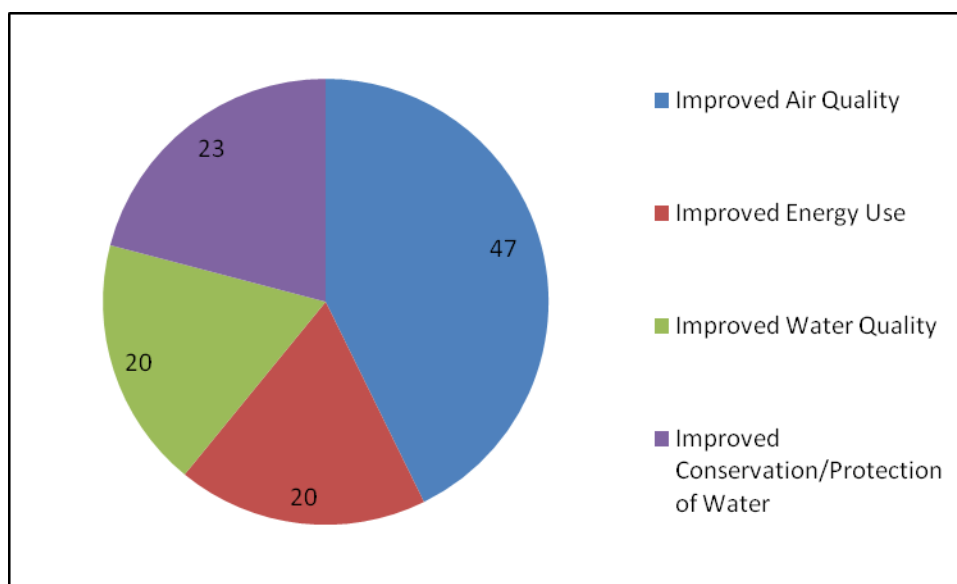
The first set of project information supporting this report is based on projects that were completed by eligible recipients in the Province prior to December 31, 2007 with funding from GTF or PTF. A total of fifty-two (52) projects were completed by that date at a total cost of \$11,917,863.14 of which \$5,436,828.98 was funded by GTF.¹ The projects that have been completed have had a positive impact on the key environmental outcomes: cleaner air; reduced Greenhouse Gas emissions and energy use; and cleaner water.

The second set of project information supporting this report is based on projects completed as part of the Provincial Waste Management Strategy. This funding is from GTF and is allocated to the Waste Management Strategy before an allocation is made to the individual municipalities and Inuit Community Governments. In addition to the fifty-two (52) projects completed by eligible recipients as of December 31, 2007, fourteen (14) GTF-funded projects were completed as of March 31, 2008, at a total cost of \$1,004,678.08 in order to advance the Province's Waste Management Strategy. Most of these projects provided benefits to a region or a number of municipalities and Inuit Community Governments. These projects were completed to permit planning and engineering studies; to purchase heavy equipment for use at a landfill site; and to conduct a pilot project for curbside recycling in the City of St. John's. The implementation of the Waste Management Strategy will contribute directly to cleaner air, reduced Greenhouse Gas emissions and cleaner water.

Figure 1 illustrates the number of projects that have an impact on the intermediate outcomes. Of the sixty-six (66) projects completed by municipalities and Inuit Community Governments as of March 31, 2008 (for those funded under the Waste Management Strategy) and December 31, 2007 (for those not funded as part of the Waste Management Strategy), forty-seven (47) projects were directly related to the intermediate outcome of Improved Air Quality; twenty-three (23) projects were directly related to the outcome of Improved Conservation / Protection of Water; twenty (20) projects have a direct impact on the outcome of Improved Water Quality, and twenty (20) projects are related to Improved Energy Use. The total shown in Figure 1 is greater than sixty-six (66) since some projects may influence more than one intermediate outcome.

¹ The information reported by municipalities as of December 31, 2007 is known to be inconsistent. Other funding contributing to the total project cost may have included amounts borrowed against future gas tax allocations, municipal contributions, provincial contributions or federal contributions.

Figure 1: Number of Projects according to the Intermediate Outcomes Influenced



Each GTF-funded project undertaken by eligible recipients in the Province of Newfoundland and Labrador has contributed to the ultimate outcomes of Cleaner Air; Reduced Greenhouse Gas emissions and Energy Use; and/or Cleaner Water.

The Roads and Bridges projects have upgraded and expanded roads as well as purchased transport infrastructure. Through these various projects these municipalities and Inuit Community Governments have improved the air quality and achieved reduction of Greenhouse Gas emissions. The Water projects undertaken have resulted in upgraded and expanded water purification, distribution, and metering systems. The results of these projects include improved water quality and conservation, leading to the ultimate outcome of cleaner water. The wastewater projects have resulted in upgraded and expanded wastewater systems, which have also resulted in improved water quality and conservation, leading to the ultimate outcome of cleaner water. The solid waste projects including recycling, expansion of transfer stations and equipment purchase, have notably improved energy use and air quality in the jurisdictions of the eligible recipients resulting in overall cleaner air. Lastly, the capacity building project undertaken by Labrador City has been attributed to improved water quality.

Figure 2 shows the completed projects according to project category, while Figure 3 shows the amount expended for projects according to project category.

Figure 2: Completed Projects

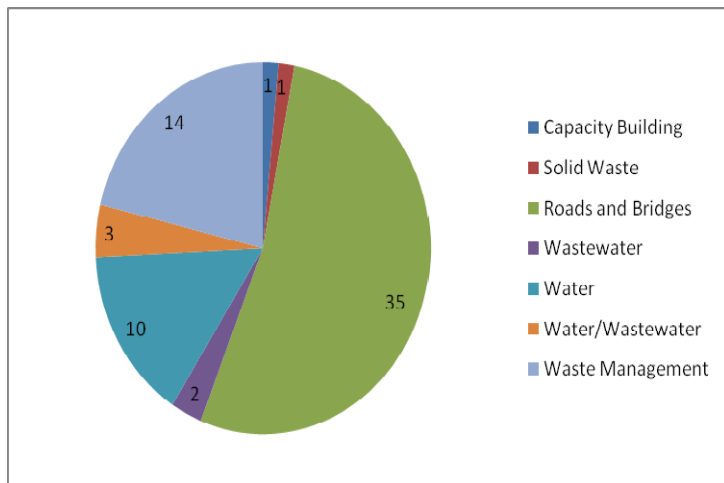
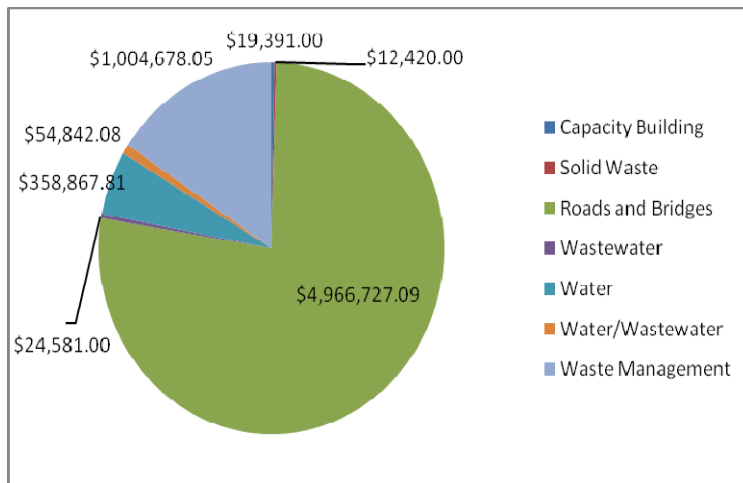


Figure 3: Total GTF Funds for Completed Projects



2.2 Roads and Bridges Projects

The GTF funding for thirty-five (35) roads and bridges projects allowed eligible recipients in Newfoundland and Labrador to improve roads that were in poor condition. Many of these roads were gravel roads and were riddled with potholes causing several issues including traffic, damage to vehicles, hindering visibility and increased dust. In total, approximately Roads were upgraded either through paving or administering new gravel to the roads. A total of 43.044 km of roadwork funded by GTF has been confirmed through interviews with eligible recipients or included as a detail in the reporting for a recipient’s Annual Expenditure Report). Included in these 35 projects, in St. John’s three different bridges have been upgraded. Table 2 summarizes the outputs and outcomes (some intermediate outcomes are additional achievements that go beyond what was intended by GTF, and are shown only as an indication of the breadth of benefits that these projects have generated) for the various roads and bridges projects.

Table 2: Outputs and Outcomes for Completed Roads and Bridges Projects

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Channel-Port aux Basques	Grand Bay West Culvert	Flood proofing infrastructure (1 project)	<ul style="list-style-type: none"> complete drainage and reduction of flies and return of wildlife to natural habitats 	<ul style="list-style-type: none"> cleaner water
Clarenville	Street Reconstruction of Huntley Drive	New, upgraded or expanded roads (0.525km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic and fewer accident 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Clareville	Street Reconstruction of Old Mill Road	New, upgraded or expanded roads (0.269km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Clareville	Street Reconstruction of Aspen Lane	New, upgraded or expanded roads (0.150km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Clareville	Street Reconstruction of Moore's Road	New, upgraded or expanded roads (0.342km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Clareville	Street Reconstruction of Shoal Road	New, upgraded or expanded roads (0.203km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Clareville	Street Reconstruction of Barnes Road	New, upgraded or expanded roads (0.08km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Clareville	Sidewalk Construction	Intersection Improvement	<ul style="list-style-type: none"> improved flow of traffic improved safety at busy intersection 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Comfort Cove-Newstead	Gabian Wall (Installation at Cove Road, Harbourview Drive)	New, upgraded or expanded roads	<ul style="list-style-type: none"> prevent road washout: reduced flooding and erosion of roadway from ocean water 	<ul style="list-style-type: none"> cleaner water
Conception Harbour	Street Reconstruction	New, upgraded or expanded roads (1km)	<ul style="list-style-type: none"> reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Conche	Street Reconstruction	New, upgraded or expanded roads (4.3km)	<ul style="list-style-type: none"> reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Cox's Cove	Street Reconstruction	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Englee	Street Reconstruction	New, upgraded or expanded roads (0.575km)	<ul style="list-style-type: none"> reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
English Harbour East	Street Reconstruction	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Gambo	Street Reconstruction	New, upgraded or expanded roads (0.22km)	<ul style="list-style-type: none"> improved flow of traffic reduced dust improved visibility 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Gander	Brine System	Safety and/or accessibility improvement (1 project)	<ul style="list-style-type: none"> reduced energy use reduced energy cost 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Grand Le Pierre	Road Reconstruction	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Humber Arm South	Street Resurface	New, upgraded or expanded roads (1km)	<ul style="list-style-type: none"> less car damage improved visibility reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
King's Cove	Road Upgrading	New, upgraded or expanded roads (0.25km)	<ul style="list-style-type: none"> reduced dust improved flow of traffic proper drainage of water overflow 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
King's Cove	Road Upgrading	New, upgraded or expanded roads (1km)	<ul style="list-style-type: none"> reduced dust proper drainage of water overflow 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Paradise	Roads Reconstruction	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Parker's Cove	Road Construction	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Point Leamington	Paving Project	New, upgraded or expanded roads	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Rushoon	Road Upgrading	New, upgraded or expanded roads (0.075km)	<ul style="list-style-type: none"> improved visibility reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
South River	Road Rehabilitation Caplin Cove	New, upgraded or expanded roads (0.3km)	<ul style="list-style-type: none"> improved flow of traffic reduced dust improved visibility 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
South River	Road Rehabilitation Drung Road	New, upgraded or expanded roads (0.155km)	<ul style="list-style-type: none"> improved flow of traffic reduced dust improved visibility 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
St. John's	2007 Streets Rehabilitation Program	New, upgraded or expanded roads (13.4km rehabilitated 4.0km reconstructed)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
St. John's	2006 Streets Rehabilitation Program	New, upgraded or expanded roads (8.1km rehabilitated 2.7km reconstructed)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
St. John's	Bowring Park Bridge Upgrade	Bridge improvements (10.5m span)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
St. John's	Replace Bridge	Bridge improvements (removal of 1.82m diameter CMP culvert crossing)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
St. John's	Goldstone Street - Extension to Bifurcation Road	New, upgraded or expanded roads (.4km)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
St. John's	2006 Bridge Expansion Joint Replacement Program	Bridge improvements (3 expansion joints on 2 bridges)	<ul style="list-style-type: none"> improved air quality 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Trepassey	Street Reconstruction	New, upgraded or expanded roads (1.5km)	<ul style="list-style-type: none"> reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Trinity, T.B.	Street Reconstruction	New, upgraded or expanded roads (2 km)	<ul style="list-style-type: none"> improved visibility reduced dust reduced cost of upkeep 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
West St. Modeste	Subdivision	New, upgraded or expanded roads (0.5km)	<ul style="list-style-type: none"> reduced dust 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use

The measurable (through quantitative and/or qualitative measures) environmental intermediate outcomes of these projects are:

- Reduced dust;
- Reduced maintenance costs
- Improved visibility; and,

- Improved flow of traffic (leading to a reduction in Greenhouse Gas emissions).

In addition, there were several other key outcomes, which were not necessarily anticipated. Table 3 provides several examples where positive, unanticipated outcomes were achieved, as well as the ultimate outcomes where the projects will have an influence.

Table 3: Outcomes for Completed Roads and Bridges Projects

Municipality	Project Title	Intermediate Outcomes	Ultimate Outcomes
West St. Modeste	Subdivision	<ul style="list-style-type: none"> • access to a new subdivision 	<ul style="list-style-type: none"> • cleaner air • reduced greenhouse emissions and energy use
South River	Road Rehabilitation Drung Road	<ul style="list-style-type: none"> • increased business 	<ul style="list-style-type: none"> • cleaner air • reduced greenhouse emissions and energy use
Rushoon	Road Upgrading	<ul style="list-style-type: none"> • elimination of salt water erosion 	<ul style="list-style-type: none"> • cleaner air • reduced greenhouse emissions and energy use
Gander	Brine System	<ul style="list-style-type: none"> • reduced energy use; reduced energy cost 	<ul style="list-style-type: none"> • cleaner air • reduced greenhouse emissions and energy use

In total, Newfoundland and Labrador's GTF total funding for roads and bridges was \$4,966,727.09. Each project completed had an impact on achieving the Ultimate Outcomes of Cleaner Air, Reduced Greenhouse Gas and Energy Use.

2.3 Water Projects

The GTF funding for ten (10) water projects allowed eligible recipients in Newfoundland and Labrador to complete projects which would lead to the ultimate outcome of cleaner water. Many projects were undertaken in order to support community populations, and included extensions, or improvements to existing water lines and treatment plants. Table 4 summarizes the outputs and outcomes for the various water projects.

Table 4: Outputs and Outcomes for Completed Water and Water & Sewer Projects

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Bird Cove	Waterline	New, upgraded or expanded water distribution system	<ul style="list-style-type: none"> • improved water quality 	<ul style="list-style-type: none"> • Cleaner water

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Channel-Port aux Basques	Grand Bay West Pumping Station	New, upgraded or expanded water distribution system (40 psi)	<ul style="list-style-type: none"> increase in water pressure water pressure brought up to a level suitable to provide water for subdivision 	<ul style="list-style-type: none"> cleaner water
Gander	Water Line	New, upgraded or expanded water distribution system (300m)	<ul style="list-style-type: none"> to provide water to new subdivision 	<ul style="list-style-type: none"> cleaner water
Heart's Delight-Islington	Water Supply	New, upgraded or expanded water purification and treatment system (1 817m ³ /day)	<ul style="list-style-type: none"> eliminates purchase, storage and transport of chlorine reduces chance of toxic leak improved water taste reduced odour 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
Lumsden	Water Plant Upgrade	Other major capital investments (1 project)	<ul style="list-style-type: none"> reduced energy use reduced energy cost increased water pressure 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
Petty Harbour	Valve Upgrade	New, upgraded or expanded water distribution system (2 connections)	<ul style="list-style-type: none"> reduced energy costs replacement of old pipes 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use
Red Harbour	Water Supply	New, upgraded or expanded water distribution system	<ul style="list-style-type: none"> improved water quality 	<ul style="list-style-type: none"> cleaner water
Reidville	Water Connection	New, upgraded or expanded water distribution system	<ul style="list-style-type: none"> improved water quality 	<ul style="list-style-type: none"> cleaner water

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
South Brook	Water Pumps	Other major capital investments (replaced old pump)	<ul style="list-style-type: none"> reduced energy cost increase in water pressure 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
Springdale	Water Transmission	New, upgraded or expanded water distribution system (445m)	<ul style="list-style-type: none"> increase in water pressure 	<ul style="list-style-type: none"> cleaner water

Generally, the measurable, environmental intermediate outcomes of these projects are:

- Improved water clarity; and,
- Increased water pressure;

Newfoundland and Labrador's GTF total funding spent for water projects was \$358,867.81. Each project completed had a positive impact on achieving the Ultimate Outcomes of Cleaner Water and/or Reduced Energy Use.

2.4 Wastewater Projects

The GTF funding for two (2) wastewater projects allowed eligible recipients in Newfoundland and Labrador to complete varying, but equally relevant projects. Table 5 summarizes the outputs and outcomes for the wastewater projects.

Table 5: Outputs and Outcomes for Completed Wastewater Projects

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Baie Verte	Sewer Outfall	New or upgraded wastewater system (1 connection)	<ul style="list-style-type: none"> sewage no longer backs up into people's homes as a result of malfunctioning sewer outfall 	<ul style="list-style-type: none"> cleaner water
Grand Le Pierre	Sewer	New or upgraded wastewater system	<ul style="list-style-type: none"> improved water quality 	<ul style="list-style-type: none"> cleaner water

Newfoundland and Labrador's GTF total funding spent for Wastewater projects was \$24,581.00. Each project completed had a positive impact on achieving the Ultimate Outcome of Cleaner Water.

2.5 Water / Wastewater Projects

Newfoundland and Labrador funded a total of three (3) projects that were both water and wastewater projects. Beachside and Lumsden upgraded their water and wastewater systems to accommodate new homes. They upgraded the lines for the accommodations and improved the water quality in the areas. Cottlesville also upgraded their water and sewer mains. The apartment in the area had a temporary line that would freeze in the winter and also had leaking problems resulting in loss of water pressure. This temporary line was replaced with new permanent water and sewer lines, improving the quality of water in the area. Table 6 summarizes the outputs and outcomes of the water/wastewater projects.

Table 6: Outputs and Outcomes of Completed Water/Wastewater Projects

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Beachside	Water & Sewer	New, upgraded or expanded water distribution system (500m) New or upgraded wastewater systems (500m)	<ul style="list-style-type: none"> increased water pressure pipe upgrades from 2' to 8' to connect to 22 homes 	<ul style="list-style-type: none"> cleaner water
Cottlesville	Water & Sewer	New, upgraded or expanded water distribution system (138m) New or upgraded storm/sewer water collection system (133m)	<ul style="list-style-type: none"> increase in water pressure increase in treatment of water 	<ul style="list-style-type: none"> cleaner water
Lumsden	Water & Sewer Extension	Other major capital investments (1 project)	<ul style="list-style-type: none"> improved clarity of water 	<ul style="list-style-type: none"> cleaner water

In total, Newfoundland and Labrador's GTF total funding for water projects was \$54,842.08 with each project undertaken contributing to achieving the Ultimate Outcomes of Cleaner Water and Energy Use.

2.6 Capacity Building Projects

There was one project completed in the Capacity Building category. Labrador City undertook a Sanitary Sewer System Modeling project. The project consisted of the development of a computer model of the entire sanitary sewer system. The project produced a model of the municipality's sanitary sewer system.

The municipality was in need of having a good inventory of its sewer assets, as well as a means to know what was underground and the shape of the Labrador city sewer system. Some

sewers had been installed by mining companies decades ago. This project was necessary to prepare the municipality’s long-term plan as well as to provide a base for their planning and asset identification, valuation and management.

The result of this project is that there will be better monitoring of the sanitary sewer system; increased use of technology to support research; and, more informed planning and decision making.

In total, Newfoundland and Labrador’s GTF total funding spent for their capacity building project was \$19,391.00.

2.7 Solid Waste Management Projects

The GTF funding for fifteen (15) solid waste projects allowed eligible recipients in Newfoundland and Labrador municipalities and Inuit Community Governments to complete relevant waste management projects which would result in outcomes of both cleaner air and cleaner water. Fourteen (14) of these projects were funded as part of the Province’s Waste Management Strategy. Table 7 summarizes the outputs and outcomes for the solid waste management projects as attained through a pilot study conducted on GTF recipients.

Table 7: Outputs and Outcomes for Completed Solid Waste Management Projects

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
Gander (Total of 3 Projects Funded)	Planning	Reports: Planning for the waste management system in the Central Region	<ul style="list-style-type: none"> improved air improved energy use improved water quality improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
NorPen	Equipment Purchasing	Equipment: Purchase of heavy equipment for the landfill	<ul style="list-style-type: none"> improved air quality improved energy use improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
Port Blandford (Project funded directly by Port Blandford with its GTF allocation. This project is not funded by the Provincial Waste Management Strategy)	Waste Management	Increased life of landfill (5 years)	<ul style="list-style-type: none"> overall cleaner air 	<ul style="list-style-type: none"> cleaner air reduced greenhouse emissions and energy use

Municipality	Project Title	Outputs	Intermediate Outcomes	Ultimate Outcomes
St. John's (Total of 5 projects funded)	Curbside Recycling	Reports: Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	<ul style="list-style-type: none"> improved air quality improved energy use improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
St. John's	Early Planning Needs	Reports: Early Planning Needs	<ul style="list-style-type: none"> improved air quality improved energy use improved water quality improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
St. Lunaire-Griquet	Early Planning Needs	Reports: Early Planning Needs	<ul style="list-style-type: none"> improved air quality improved energy use improved water quality improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use
Trinity Bay South (Total of 3 projects funded)	Planning	Reports: Planning to develop a system to allow closing of existing site and transfer of waste to Robin Hood Bay	<ul style="list-style-type: none"> improved air quality improved energy use improved water quality improved conservation/protection of water 	<ul style="list-style-type: none"> cleaner water cleaner air reduced greenhouse emissions and energy use

The Intermediate Outcomes of this project included reduced smell and overall noticeably cleaner air. The Province's Solid Waste Management Strategy is further discussed in Section 2.8.

In total, Newfoundland and Labrador's GTF total funding for solid waste management projects was \$1,017,098.05. Each project undertaken made a contribution to achieving the Ultimate Outcome of Cleaner Air and/or Cleaner Water.

2.8 Waste Management Strategy

In April 2002, Newfoundland and Labrador announced a Provincial Waste Management Strategy which aimed to reduce the number of landfill sites; phase out the use of incinerators, open burning and unlined landfill sites; and increase waste diversion.

The initial goal of the strategy was to have modern waste management across the Province by 2010 by increasing waste diversion, establishing waste management regions, developing modern standards and technology, maximizing the economic and employment opportunities associated with waste management and increasing public education. Due to a lack of funding source and subsequent implementation plan, resistance by some communities to close waste sites, and the absence of firm standards, the initiation of the strategy was postponed until 2007 and the timeline to complete implementation was modified to 2020.

Since 2007 the Province of Newfoundland and Labrador has contributed more than \$200 million to support the strategy by covering the capital costs of new sites, interim consolidations and the closure of existing sites.

The strategy is administered by the Province's Department of Municipal Affairs and overseen by the Department of Environment and Conservation and is funded by a percentage of the Province's Gas Tax funding; annual capital works allocations, and other municipal revenue sources.

The goals of the Strategy are to:

- Divert 50 percent of the materials currently going to disposal by 2015;
- Reduce the number of waste disposal sites by 80 percent by 2020;
- Eliminate open burning at disposal sites and phase out the use of incinerators by 2012;
- Phase out use of unlined landfill sites by 2020; and,
- Full Province-wide modern waste management by 2020.

It is the intention of the Provincial government to reduce the existing 200 operating waste sites located throughout the Province, including over 20 teepee type incinerators to 40 sites. The strategy calls for three full service regional waste management facilities on the Avalon, Central and in Western areas of the island portion of the Province in 2010, 2011 and 2016 respectively. Furthermore, regional waste management authorities are planned to be established in 15 waste management zones, 11 on the island portion of the Province and four in Labrador, to support the development of a comprehensive long term waste management in each of the 15 regions.

The Provincial Waste Management Strategy is being implemented. As of March 31, 2008, fourteen related projects have been completed.



Figure 4: Provincial Landfill

These projects were funded from the Province's Gas Tax revenues. Funding was provided through five sponsoring municipalities: Gander, NorPen, St. John's, St. Lunaire-Griquet and Trinity Bay South Waste Management Committee. Most of these projects aim to deliver regional benefits. All projects are expected to contribute to the GTF's ultimate outcome of cleaner air and reduced Greenhouse Gas emissions.

The three (3) projects completed with Gander as the sponsoring Municipality were all for the engineering and planning for a waste management system to serve the whole Central Region. A project with NorPen allowed the purchase of heavy equipment for the landfill.

In May of 2007, the City of St. John's began a Curbside Recycling Pilot Project to gather data to assist in the planning of a City-wide Curbside program and determine tonnages of recycling materials and organics that could be diverted from the landfill. This material would be processed at a Materials Recovery Facility and a Composting Facility. Along with analyzing tonnages, markets for the recyclables and compost were researched as well to ensure end uses were available and environmentally responsible.

The Pilot was carried out in two areas of the City - one from the Downtown core and the other from a suburb in Cowan Heights. There was a total of 1,000 residents invited to participate.

Residents were asked to sort their recycling materials in two bags; one for containers and the other for fibres. They were provided with blue recycling bags for their recyclables. For the collection of organics, half of the residents were provided with a kitchen catcher for their kitchen and a green cart to store their organics between collections. The other half were given biodegradables bags to collect organics. Both recyclables and organics were collected weekly the same day as garbage.

There were 535 residents on average that participated in the Pilot with the overall participation rate at 53%, diverting a total of 76 tonnes of recyclables and 39 tonnes of organics for the period from May to Nov 2007.

The overall Curbside Recycling Pilot Project assisted the City to plan for the implementation of a City-wide Curbside program and the planning for the construction of both a Materials Recovery Facility and a Composting Facility at the landfill which will assist in diverting material away from the landfill supporting a more sustainable community.

Robin Hood Bay is to become a regional site to serve the needs of the Avalon Peninsula. A planning project was completed at St. Lunaire-Griquet. The set of projects for Trinity Bay South were Planning projects which aimed to develop a system to allow closure of the existing landfill site and transfer of the waste to the Robin Hood Bay site.

Figure 5 shows the completed Solid Waste Management projects (as of March 31, 2008) according to project category, while Figure 6 shows the amount allocated for projects according to project category.

Figure 5: Projects from Waste Management Strategy by Category (completed as of March 31, 2008)

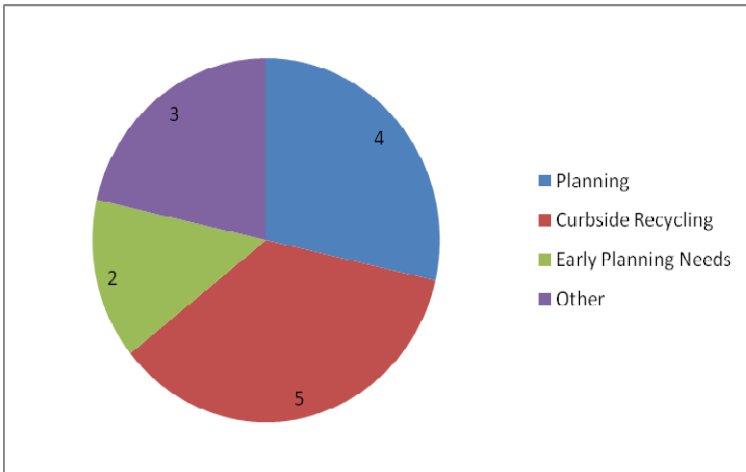
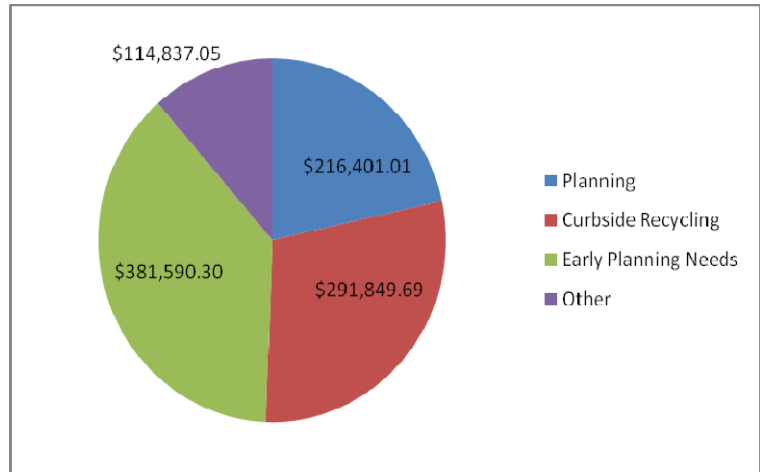


Figure 6: Total GTF Spent on Completed Waste Management Projects to March 31, 2008



In addition to the completion of fourteen projects as of March 2008, the Province's Department of Environment and Conservation reported, at the Canadian Waste Resource Symposium held in April 2008, other notable accomplishments of the strategy to that date, including the:

- Closure of 100 of the Province's 250+ waste disposal sites in the Avalon (25), Eastern (10), Central (32), Western (31) and Labrador (2) regions;
- Decommissioning of 31, including the two largest (Harbour Grace and Exploits Region) in the Avalon (8), Eastern (6), Central (10) and Western (7) regions; and,
- Prohibition of open burning in the Avalon Region after December 31, 2008.

Furthermore, at the regional level, regional authority communities are being established. These regional communities are to be responsible for waste management activities such as recycling, waste diversion and composting, as well as management of waste that is harmful to the environment and disposing of waste materials at one of the regional host sites. Once the Province's three full service regional waste disposal facilities (super sites) are completed, the regional communities are expected to be responsible for developing systems to transport waste to these three full service facilities.

Concurrent with the development of the three regional facilities, work is being undertaken to close as many existing sites as possible, consolidate waste management activities, significantly enhance recycling and diversions programs and develop the transportation infrastructure required to provide full integration into the three regions.

Therefore, through implementation of the Provincial Waste Management Strategy, the Province of Newfoundland and Labrador is making excellent progress against the goals of the Gas Tax Fund, contributing to a cleaner and healthier environment, and in particular, cleaner air, reduced Greenhouse Gas emissions and cleaner water.

Table 8 shows the amount of GTF funds allocated to Waste Management Strategy Projects in Newfoundland and Labrador.

Table 8: Total GTF Funds Allocated to Waste Management Strategy (2006-07 to 2009-10)

Year	Amount
2006-07	\$ 4,484,928
2007-08	\$ 3,074,176
2008-09	\$ 4,171,720
2009-10	\$ 10,152,940
Total	\$ 21,883,764

3.0 The Potential Impact of Future Projects

As of December 31, 2007, a total of seventy-two (72) GTF funded infrastructure projects (excluding those funded under the Waste Management Strategy) related to capacity building, solid waste, transportation (roads and bridges and public transit), wastewater and water were reportedly in progress (Figure 7) and were allocated a total of \$16,297,253.44 in GTF funding (Figure 8). These projects, upon completion, are expected to contribute to the ultimate outcomes of GTF (cleaner air; reduced Greenhouse Gas emissions and energy use; and cleaner water). The implementation of the Province's Waste Management Strategy will make a further contribution to these ultimate goals of the GTF.

Figure 7: Eligible Projects in Progress as of December 31, 2007

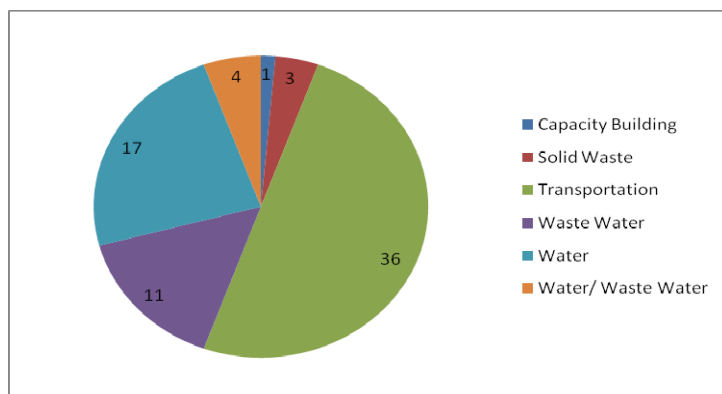
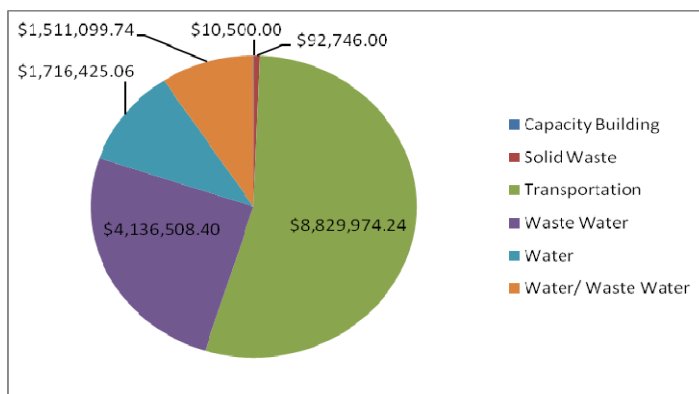


Figure 8: Total GTF Allocation for Eligible Projects as of December 31, 2007



4.0 PTF Projects in St. John's and Corner Brook

In May 2007 the Government of Newfoundland and Labrador entered into a joint agreement with the Government of Canada for a \$20.6 million federal investment in Provincial public transit in the cities of St. John's and Corner Brook. The investment included \$6.5 million for the Canada-Newfoundland and Labrador Agreement on the Transfer for Federal Public Transit Funds, and a \$14.1 million investment through the federal Public Transit Capital Trust. The funding is intended to help the cities of St. John's and Corner Brook purchase buses, support active transportation and paratransit, and support capital improvements. Upon completion, this funding is expected to support the protection the environment, the ultimate goal of the PTF, by reducing Greenhouse Gas emissions and improving the quality of air by increasing the use of public transit in the Province of Newfoundland and Labrador.

4.0.1 PTF Project Details

St. John's

The city of St. John's was allocated a total of \$4,116,449.00 from the Public Transit Fund to support the following initiatives:

- **Service Improvements:** Introduction of a new route system and a new smart card fare collection system;
- **Greenhouse Gas Reductions:** Reduction of Greenhouse Gas emissions as a result of service changes (i.e. new route system);
- **Fleet Replacement:** Refurbishment of old model buses and the purchase of new modern buses;
- **Other Environmental Initiatives:** SmartDriver Program training, participation in the Canadian Urban Transit Association; and,
- **Facility Replacement:** Replacement of the transit commission's facility initially constructed in 1958 and last renovated in 1983.

The completion of the St. John's PTF project is expected to contribute to the ultimate goals of the GTF/PTF as it is expected to contribute to cleaner air and the reduction of Greenhouse Gas emissions.

Corner Brook

The city of Corner Brook was allocated a total of \$2,356,551.00 from the Public Transit Fund to support the following initiatives:

- **Bicycle Lanes on Roadways:** Strategic establishment of 10km in bicycle lanes on city roadways;
- **Bus Transfer Station:** Construction of new transit exchange point in front of new City Hall building; and,
- **Bus Shelters:** Replacement of 15 existing bus shelters and installation of 15 regular and 2 large new bus shelters.

The completion of the Corner Brook PTF project is expected to contribute to the ultimate goals of the GTF/PTF as it is expected to contribute to cleaner air and the reduction of Greenhouse Gas emissions.

5.0 Conclusion

Two sets of project information support this outcomes report.

The first set of project information supporting this report is based on projects that were completed by eligible recipients in the Province prior to December 31, 2007 with funding from GTF or PTF. A total of fifty-two (52) projects were completed by that date at a total cost of \$11,917,863.14 of which \$5,436,828.98 was funded by GTF. The projects that have been completed have had a positive impact on the key environmental outcomes: cleaner air; reduced Greenhouse Gas emissions and energy use; and cleaner water.

The second set of project information supporting this report is based on projects completed as part of the Province's Waste Management Strategy. This funding is from GTF and is allocated to the Waste Management Strategy before an allocation is made to the individual municipalities and Inuit Community Governments. In addition to the fifty-two (52) projects completed by eligible recipients as of December 31, 2007, fourteen (14) GTF-funded projects were completed as of March 31, 2008, at a total cost of \$1,004,678.08 in order to advance the Province's Waste Management Strategy. Most of these projects provided benefits to a region or a number of municipalities and Inuit Community Governments. These projects were completed to permit planning and engineering studies; to purchase heavy equipment for use at a landfill site; and to conduct a pilot project for curbside recycling in the City of St. John's. The implementation of the Waste Management Strategy will contribute directly to cleaner air, reduced Greenhouse Gas emissions and cleaner water.

All of the projects undertaken have influenced the achievement of the environmental outcomes of the GTF and PTF program. Table 9 summarizes the number of projects and total dollar value of projects contributing to the intermediate outcomes, while Table 10 summarizes the number of projects and total dollar value of projects contributing to the ultimate outcomes.

Table 9: Number of Projects Linked to Intermediate Outcomes and Dollar Value of Sets of Projects by Intermediate Outcome²

Intermediate Outcome	Number of Projects	Dollar Value (GTF only)
Improved air quality	47	\$5,870,248.99
Improved energy use	20	\$1,139,595.11
Improved water quality / water safety	20	\$1,065,707.70
Improved conservation / protection of water	23	\$1,251,924.00

Table 10: Number of Projects Linked to Ultimate Outcomes and Dollar Value of Sets of Projects by Ultimate Outcome³

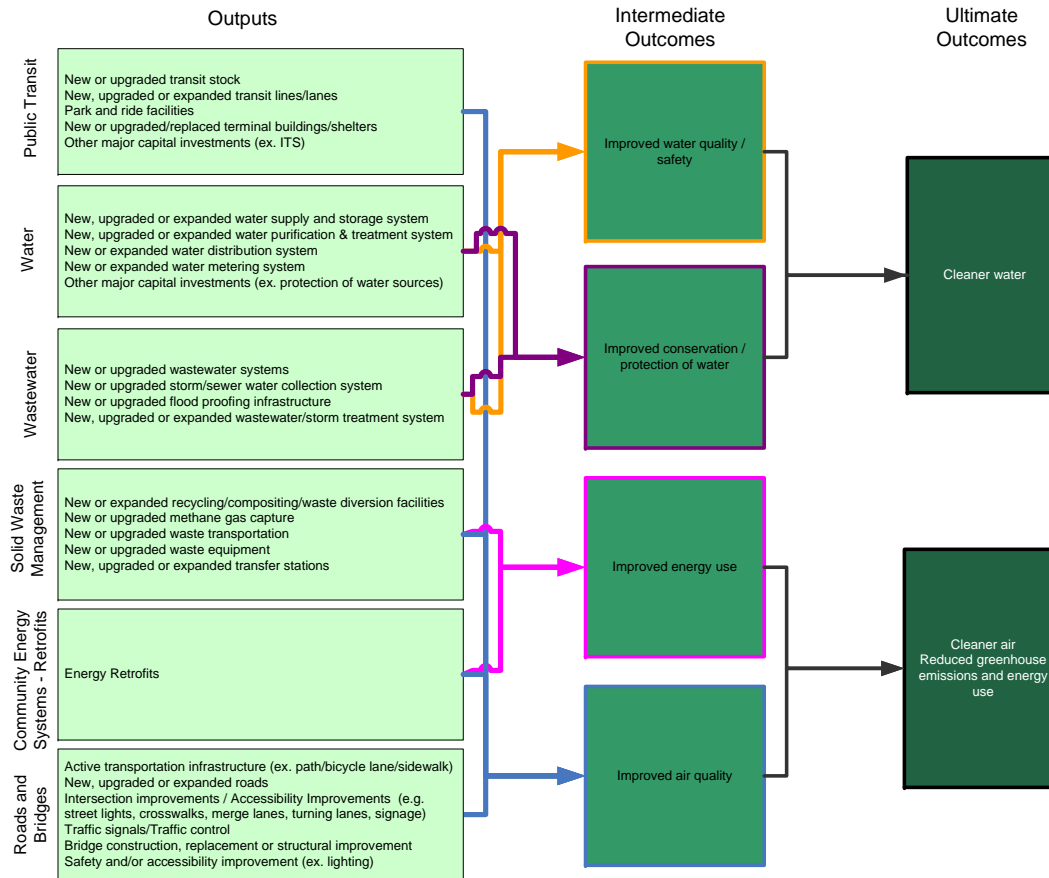
Ultimate Outcome	Number of Projects	Dollar Value (GTF Only)
Cleaner air; reduced Greenhouse Gas emissions and energy use	67	\$7,009,844.10
Cleaner Water	43	\$2,317,631.70

² Many projects have multiple outcomes, thus the total number of projects (if summed) exceeds the sixty-six (66) completed projects, and the total dollar value (if summed) exceeds the total GTF amount spent on completed projects.

³ Many projects have multiple outcomes, thus the total number of projects (if summed) exceeds the sixty-six (66) completed projects, and the total dollar value (if summed) exceeds the total GTF amount spent on completed projects.

Appendix A: GTF/PTF National Performance Framework (with indicators for NL)

Logic Model for the Newfoundland and Labrador Gas Tax Fund and Public Transit Fund



**Performance Framework for
Newfoundland and Labrador Gas Tax Fund and Public Transit Fund - Outputs**

	<u>Outputs</u>	<u>Performance Indicators</u>
Public Transit	<p>New or upgraded transit stock New, upgraded or expanded transit lines/lanes Park and ride facilities New or upgraded/replaced terminal buildings/shelters Other major capital investments (ex. ITS)</p>	<p># of units # of kms of new, upgraded or expanded transit lines/lanes m² of park and ride facilities # of units # and type of projects</p>
Water	<p>New, upgraded or expanded water supply and storage system New, upgraded or expanded water purification & treatment system New or expanded water distribution system New or expanded water metering system Other major capital investments (ex. protection of water sources)</p>	<p>m³ of water supply or storage capacity m³ of water treated m³ of water distributed or # of new connections/m of piping # of meters installed # and type of projects</p>
Wastewater	<p>New or upgraded wastewater systems New, upgraded or expanded storm/sewer water collection system Flood proofing infrastructure New, upgraded or expanded wastewater/storm treatment system</p>	<p># of new or upgraded connections to municipal wastewater system # of meters of new, upgraded or expanded wastewater collection piping # and type of projects m³ of wastewater treated</p>
Solid Waste Management	<p>New or expanded recycling/compositing/waste diversion facilities New or upgraded methane gas capture New or upgraded waste transportation stock New or upgraded waste equipment New, upgraded or expanded transfer stations</p>	<p>Tons of waste diverted from landfill m³ of methane captured # of units # of units # of transfer stations</p>
Community Energy Systems - Retrofits	<p>Energy Retrofits</p>	<p>KWH of energy saved Cu metres gas saved Litres of oil/gas saved</p>
Roads and Bridges	<p>Active transportation infrastructure (ex. path/bicycle lane/sidewalk) New, upgraded or expanded roads Intersection improvements / Accessibility Improvements (e.g. street lights, crosswalks, merge lanes, turning lanes, signage) Traffic signals/Traffic control Bridge construction, replacement or structural improvement Safety and/or accessibility improvement (ex. lighting)</p>	<p># of m/km of active transportation infrastructure constructed # of km built # of projects (+ type) # of projects (+ type) # and type of bridge work # of projects (+ type)</p>

**Performance Framework for
Newfoundland and Labrador Gas Tax Fund and Public Transit Fund – Intermediate Outcomes**

Intermediate Outcomes	Performance Indicators
Improved air quality	# and \$ value of projects with link to improved air quality
Improved energy use	# and \$ value of projects with link to improved energy use
Improved water quality / safety	# and \$ value of projects with link to improved water quality / safety
Improved conservation / protection of water	# and \$ value of projects with link to improved conservation / protection of water

**Performance Framework for
Newfoundland and Labrador Gas Tax Fund and Public Transit Fund – Ultimate Outcomes**

Ultimate Outcomes	Performance Indicators
Cleaner air Reduced greenhouse emissions and energy use	# and \$ value of projects with a link to cleaner air and reduced greenhouse gas emissions and energy use
Cleaner water	# and \$ value of projects with a link to cleaner water

Appendix B: Documentation Reviewed

Canada –Newfoundland and Labrador. Agreement on the Transfer of Gas Tax Revenues. (01 August 2006) <http://www.infc.gc.ca/altformats/pdf/gtf-fte-nl-eng.pdf>

Canada – Newfoundland and Labrador. Agreement on the Transfer of Funds for Public Transit Under the New Deal for Cities and Communities. (31 March 2007)
<http://www.infc.gc.ca/altformats/pdf/ptf-ftc-nl-eng.pdf>

Government of Canada – Infrastructure Canada. News Release: Canada's New Government Invests \$20.6 Million for Public Transit in Newfoundland and Labrador. (02 May 2007)
<http://www.infc.gc.ca/media/news-nouvelles/ptf-ftc/2007/20070502ottawa-eng.html>

Government of Newfoundland and Labrador – Department of Municipal Affairs – Gas Tax Secretariat. Completed GTF/PTF Projects as of March 31, 2007

Government of Newfoundland and Labrador – Department of Municipal Affairs. Request for Proposal – GTF and PTF Outcomes Report – Appendix E: GTF-PTF Technical Document for Outcomes Reporting. (02 July 2009)

Government of Newfoundland and Labrador – Department of Municipal Affairs. Request for Proposal – GTF and PTF Outcomes Report – Appendix F: Completed Waste Management Strategy Projects. (02 July 2009)

Government of Newfoundland and Labrador – Department of Municipal Affairs. Request for Proposal – GTF and PTF Outcomes Report – Appendix G: GTF/PTF Projects in Process. (02 July 2009)

Government of Newfoundland and Labrador – Department of Environment and Conservation. Provincial Solid Waste Management Strategy – *Protecting Our Environment for Generations to Come...* Canadian Waste Resource Symposium (15 April 2008)

Government of Newfoundland and Labrador – Department of Municipal Affairs. New Release: MMSB Announces Funding for Waste Management Initiatives. (9 March 2009)
<http://mmsb.m5i.com/assets/pdf.trust%20investments%20-%20norpen%20and%20green%20bay%20-%20march%209%2020.pdf>

Government of Newfoundland – Department of Municipal Affairs. News Release: Government Announces Implementation of \$200 Million Provincial Solid Waste Management Strategy. (8 May 2007) <http://www.releases.gov.nl/releases/2007/mpa/0508n01.htm>

Government of Newfoundland – Department of Municipal Affairs. New Release: Provincial Waste Management Strategy Announced. (10 April 2002)
<http://www.releases.gov.nl.ca/releases/2002/env/0410n01.htm>

Government of Prince Edward Island. Performance Measurement: Putting the Framework into Action. (2009)

Municipality of Corner Brook. Annual Expenditure Report: Local Government Public Transit Funding Agreement (31 December 2008)

Municipality of St. John's. Annual Expenditure Report: Gas Tax Fund (31 December 2008)

Appendix C: Funding by Project Category

The following table shows funding by project category as of March 31, 2008 (for those funded under the Waste Management Strategy) and December 31, 2007 (for those not funded under the Waste Management Strategy)

Investment Category	Project Cost	Total GTF Allocation to Project	GTF Spent	Other Undetermined Sources Spent	Other Sources as reported by the municipality
Roads and Bridges	\$ 10,330,787.23	\$ 6,166,887.25	\$ 4,887,730.19	\$ 1,423,198.33	\$ 4,019,858.76
Water	\$ 1,266,707.28	\$ 769,516.51	\$ 358,867.81	\$ 372,406.00	\$ 535,433.00
Waste Water	\$ 153,407.55	\$ 150,885.90	\$ 103,577.90	\$ 48,400.00	\$ 1,330.00
Solid Waste Management	\$ 12,420.00	\$ 90,725.33	\$ 1,017,098.05	\$ -	\$ -
Capacity Building	\$ 19,391.00	\$ 18,000.00	\$ 19,391.00	\$ -	\$ -
Water/Wastewater	\$ 135,150.08	\$ 124,104.00	\$ 54,842.08	\$ 65,780.50	\$ 14,528.00
Totals	\$ 11,917,863.14	\$ 7,320,118.99	\$ 6,441,507.03	\$ 1,909,784.83	\$ 4,571,149.76

Completed Waste Management Strategy projects as of March 31, 2008

Source: RFP Annex F Completed Projects and interview with Mr. Corey Grandy

Municipality	Investment Category	Project Title	Project Description	Total GTF Spent to March 31, 2008	Outcomes Achieved
Gander	Waste Management	Engineering and Planning	Engineering and planning for the waste management system in the Central Region	\$55,152.71	To advance waste diversion
Gander	Waste Management	Engineering and Planning	Engineering and planning for the waste management system in the Central Region	\$96,743.95	To advance waste diversion
Gander	Waste Management	Engineering and Planning	Engineering and planning for the waste management system in the Central Region	\$51,504.35	To advance waste diversion
NorPen	Waste Management	Equipment Purchasing	Purchase of heavy equipment for the landfill	\$13,000.00	To advance waste diversion
St. John's	Waste Management	Curbside Recycling	Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	\$130,609.17	To advance waste diversion
St. John's	Waste Management	Curbside Recycling	Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	\$40,310.13	To advance waste diversion
St. John's	Waste Management	Curbside Recycling	Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	\$40,310.13	To advance waste diversion

Municipality	Investment Category	Project Title	Project Description	Total GTF Spent to March 31, 2008	Outcomes Achieved
St. John's	Waste Management	Curbside Recycling	Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	\$40,310.13	To advance waste diversion
St. John's	Waste Management	Curbside Recycling	Pilot project for curbside recycling in the City of St. John's in order to gather data required for design of the waste management system (e.g. content of waste; expected participation rate)	\$40,310.13	To advance waste diversion
St. John's	Waste Management	Early Planning Needs	Early Planning Needs	\$375,000.00	To advance waste diversion
St. Lunaire-Griquet	Waste Management	Early Planning Needs	Early Planning Needs	\$6,590.30	To advance waste diversion
Trinity Bay South	Waste Management	Engineering and Planning	Engineering and planning to develop a system to allow closing of existing site and transfer of waste to Robin Hood Bay	\$21,704.44	To advance waste diversion
Trinity Bay South	Waste Management	Engineering and Planning	Engineering and planning to develop a system to allow closing of existing site and transfer of waste to Robin Hood Bay	\$80,000.00	To advance waste diversion
Trinity Bay South	Waste Management	Engineering and Planning	Engineering and planning to develop a system to allow closing of existing site and transfer of waste to Robin Hood Bay	\$13,132.61	To advance waste diversion
Total GTF Spent	Waste Management			\$1,004,678.05	To advance waste diversion

Appendix D: List of Completed Projects

Communities which provided input to this report (AER information or telephone interview) Communities which participated in a telephone interview are indicated with an asterisk (*)

Communities and Completed Projects as of December 31, 2007 (By Municipality)

#	Municipality	LEGEND: NL Waste Management Strategy Projects	
		Completed Projects	
		Project Title	Category
1	Baie Verte*	Sewer Outfall	Wastewater
2	Beachside*	Water and Sewer	Water & Wastewater
3	Bird Cove*	Waterline	Water
4	Channel-Port aux Basques*	Grand Bay West Pumping Station	Water
5		Grand Bay West Culvet	Roads and Bridges
6	Clarenville*	Street Reconstruction	Roads and Bridges
7		Street Reconstruction	Roads and Bridges
8		Street Reconstruction	Roads and Bridges
9		Street Reconstruction	Roads and Bridges
10		Street Reconstruction	Roads and Bridges
11		Street Reconstruction	Roads and Bridges
12		Sidewalk Construction	Roads and Bridges
13	Comfort Cove-Newstead*	Gabian Wall	Roads and Bridges
14	Conception Harbour*	Street Reconstruction	Roads and Bridges
15	Conche*	Street Reconstruction	Roads and Bridges
16	Cottlesville*	Water and Sewer	Water & Wastewater
17	Cox's Cove*	Street Reconstruction	Roads and Bridges
18	Englee*	Street Reconstruction	Roads and Bridges
19	English Harbour East	Street Reconstruction	Roads and Bridges
20	Gambo*	Street Reconstruction	Roads and Bridges
21	Gander*	Water Line	Water
22		Brine System	Roads and Bridges
23		Engineering and Planning	Solid Waste Mgmt
24		Engineering and Planning	Solid Waste Mgmt
25		Engineering and Planning	Solid Waste Mgmt
26	Grand Le Pierre*	Road Reconstruction	Roads and Bridges
27		Sewer	Wastewater
28	Heart's Delight-Islington*	Water Supply	Water
29	Humber Arm South*	Street Resurface	Roads and Bridges

Communities and Completed Projects as of December 31, 2007 (By Municipality)

#	Municipality	LEGEND: NL Waste Management Strategy Projects	
		Completed Projects	
		Project Title	Category
30	King's Cove*	Road Upgrading	Roads and Bridges
31		Road Upgrading	Roads and Bridges
32	Labrador City*	Sanitary Sewer System Modeling	Capacity Building
33	Lumsden*	Water and Sewer Expansion	Water & Wastewater
34		Water Plan Upgrade	Water
35	NorPen*	Equipment Purchase	Solid Waste Mgmt
36	Paradise*	Roads Reconstruction	Roads and Bridges
37	Parker's Cove*	Road Construction	Roads and Bridges
38	Petty Harbour*	Valve Upgrade	Water
39	Point Leamington	Paving Project	Roads and Bridges
40	Port Blandford*	Waste Management	Solid Waste Mgmt
41	Red Harbour	Water Supply	Water
42	Reidville	Water Connection	Water
43	Rushoon*	Road Upgrading	Roads and Bridges
44	South Brook*	Water Pumps	Water
45	South River*	Road Rehabilitation	Roads and Bridges
46		Road Rehabilitation	Roads and Bridges
47	Springdale*	Water Transmission	Water
48	St. John's	2007 Streets Rehab Program	Roads and Bridges
49		2006 Streets Rehab Program	Roads and Bridges
50		Bowring Park Bridge Upgrade	Roads and Bridges
51		Replace Bridge	Roads and Bridges
52		Goldstone Street Extension	Roads and Bridges
53		2006 Bridge Expansion	Roads and Bridges
54		Curbside Recycling	Solid Waste Mgmt
55		Curbside Recycling	Solid Waste Mgmt
56		Curbside Recycling	Solid Waste Mgmt
57		Curbside Recycling	Solid Waste Mgmt
58		Curbside Recycling	Solid Waste Mgmt
59		Early Planning Needs	Solid Waste Mgmt
60		St. Lunaire-Griquet	Early Planning Needs
61	Trepassey*	Street Reconstruction	Roads and Bridges
62	Trinity T.B.*	Street Reconstruction	Roads and Bridges
63	Trinity Bay South*	Waste Management	Solid Waste Mgmt
64		Waste Management	Solid Waste Mgmt
65		Waste Management	Solid Waste Mgmt

Communities and Completed Projects as of December 31, 2007 (By Municipality)

#	Municipality	<u>LEGEND</u> : NL Waste Management Strategy Projects	
		Completed Projects	
		Project Title	Category
66	West St. Modeste*	Subdivision	Roads and Bridges

Appendix D: Individuals Interviewed

Ms. Sherry Appleby, Manager, Gas Tax Compliance, Gas Tax Secretariat, Department of Municipal Affairs

Ms. Robyn Bursey, Manager, Gas Tax Administration, Gas Tax Secretariat, Department of Municipal Affairs

Mr. Cory Grandy, Director of Waste Management, Department of Municipal Affairs

Mr. Dan Hynes, Director of Regional Operations, Labrador/Western; Department of Municipal Affairs

Mayor Graham Letto, President, Municipalities NL & Mayor, Town of Labrador City

Mr. Dan Noseworthy, Director of Regional Operations, Eastern/Central; Department of Municipal Affairs

Mr. Paul Tucker, Director of Municipal Finance, Department of Municipal Affairs

Mr. Keith Warren - Director of Regional Co-operation, Department of Municipal Affairs

Appendix F: Letter to Municipalities with Completed Projects

The following is the text of correspondence which was sent to all municipalities and IGCs having completed GTF/PTF funded infrastructure projects (completed by December 31, 2007) to solicit their participation in the collection of data for this Outcomes Report.

August 14, 2009

As you are aware, under Section 5.2.1 (c) of your Local Government Gas Tax Funding Agreement all municipalities/ Inuit Community Governments are required to prepare and deliver an Outcomes Report to the Province by March 31, 2009. Likewise, Section 6.1.1 b) of the Canada – Newfoundland and Labrador Agreement on the Transfer of Federal Gas Tax Revenues requires the Province to prepare, publish and disseminate to the public an Outcomes Report no later than September 30, 2009. These requirements also exist under the Public Transit Funds Agreements.

The data collection in support of a Provincial Outcomes Report for the Gas Tax Fund (GTF) and Public Transit Fund (PTF) programs is now underway. The Government of Newfoundland and Labrador has engaged the Centre for Public Management Inc. to collect the data and prepare the Provincial Outcomes Report. The report will consist of information relating to the number of projects completed, the dollar value of projects completed, and may include additional post-project benefits (including those directly related to cleaner air and cleaner water). The Provincial Outcomes Report is expected to be completed by September 2009.

You may be contacted for a short telephone interview by one of the Consultants, Mr. Alan Winberg, or Mr. Jason Russo, as your municipality has received gas tax funding and has completed at least one project under GTF. Please provide the required information to the Consultants to ensure that this process is a success.

Thank you for your co-operation. If you have any questions about the process, or the programs, please contact Ms. Robyn Burse at 709-729-0264.

Sherry Appleby
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Gas Tax Secretariat
Department of Municipal Affairs
4th Floor, West Block
Confederation Building
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St. John's, NL
A1B 4J6

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Appendix G: Projects in Process

RFP Annex G Projects in Process

Eligible projects in progress as of December 31, 2007 (by Category)

Investment Category	# of Projects	Total GTF Allocation to Project	GTF Spent to Dec. 2007	Other Undetermined Sources Spent to Dec. 2007	Other Sources as reported by the municipality	Remaining Cost to Complete	Project Cost to Dec. 2007
<i>Capacity Building</i>	1	\$10,500.00	\$3,255.00 0.07%		\$0.00	\$7,245.00	\$3,255.00
<i>Solid Waste</i>	3	\$92,746.00	\$41,986.00 0.94%		\$0.00	\$45,499.00	\$41,986.00
<i>Transportation</i>	36	\$8,829,974.24	\$3,252,789.43 72.47%	\$2,102,416.86	\$115,767.47	\$121,679.20	\$5,470,972.38
<i>Waste Water</i>	11	\$4,136,508.40	\$560,035.02 12.48%	\$432,613.20	\$0.00	\$619,000.00	\$992,648.20
<i>Water</i>	17	\$1,716,425.06	\$522,994.47 11.65%	\$202,559.00	\$763,611.60	\$262,744.82	\$742,245.17
<i>Water/ Waste Water</i>	4	\$1,511,099.74	\$107,695.00 2.40%	\$109,425.00	\$0.00	\$6,438.00	\$217,120.00
Grand Total	72	\$16,297,253.44	\$4,488,754.92	\$2,847,014.06	\$879,379.07	\$1,062,606.02	\$7,468,226.75

Please note: This is the first Outcomes Report prepared by the Province pursuant to the Canada-NL Agreements for GTF and PTF. The Report presents Outcomes for completed projects to December 31, 2007. Projects completed after December 31, 2007 will be reported in future Outcomes Reports.

Addendum 1: GTF/PTF Outcomes Data Collection Tools

The attached tool can be used in future to outline outcome reporting requirements for recipients to support the Province in meeting its obligations under the Canada-Newfoundland and Labrador GTF and PTF Agreements.