

## **New Brunswick Capital Investment Plan for Unincorporated Areas (2014-19)**

**Prepared as a requirement of the**

**Canada/New Brunswick Administrative Agreement  
on the Federal Gas Tax Fund**

**March 2019**

## NEW BRUNSWICK CAPITAL INVESTMENT PLAN FOR UNINCORPORATED AREAS

The federal Gas Tax Fund provides predictable, long-term funding for communities. Eighty per cent of the funds are allocated to incorporated areas on a per capita basis and paid out semi-annually. The remaining 20 per cent is reserved for the unincorporated areas and is allocated based on regional need and priority.

The funds are expected to have a beneficial impact on communities and are intended for construction, restoration or improvement to public transit, wastewater, drinking water, solid waste management, community energy systems, local roads and bridges, highways, local and regional airports, short-line rail, short-sea shipping, disaster mitigation, broadband and connectivity, brownfield redevelopment, culture, tourism, sport and recreation infrastructure and capacity building projects.

One of the requirements of the province of New Brunswick (the Province) under the Administrative Agreement on the Federal Gas Tax Fund is to develop a five-year Capital Investment Plan. This plan identifies the types of projects to be funded under the Federal Gas Tax Fund through the Regional Development Corporation (“RDC”) and the Department of Environment and Local Government (“DELG”) as part of the provincial approach in unincorporated areas that meet the national objectives of productivity and economic growth, clean environment or strong cities and communities.

The provincial Capital Investment Plan outlines the infrastructure investments considered regional priorities in unincorporated areas of New Brunswick. These needs have been identified as a result of collaboration between the Departments of Health, Transportation and Infrastructure, Environment and Local Government and RDC. Projects have been recommended by the Minister of Environment and Local Government, whose department administers the Federal Gas Tax Fund (GTF), and/or the Minister Responsible for the Regional Development Corporation who is responsible for the management of the agreement.

The federal Gas Tax Fund has allowed New Brunswick to address longstanding problems related to water and wastewater in unincorporated areas. Many residents received access to water and wastewater infrastructure in areas where well water is contaminated or supply is limited, or where soil conditions make on-site wastewater treatment a challenge. The categories of culture and tourism also received funding for regional services related to the performing arts, knowledge accessibility and literacy, and the enhancement of in-province visitor experience.

The Gas Tax Fund 2014-19 unincorporated area allocation was \$44,446,955. Other funding was added to this amount:

- \$934,244 was generated in interest, with the investment of Gas Tax Fund allocations transferred to New Brunswick.
- \$109,024 in legacy funding was applied towards new GTF unincorporated area projects. Legacy funding is leftover infrastructure funds from previous infrastructure programs.
- \$22,939,004 remained from the 2005-2014 GTF agreement.

The sum of the funding provided a total federal budget of \$68,429,227. As of September 10, 2018, \$67,175,896 has been allocated, leaving a balance of \$1,253,331 available to be allocated to projects.

Eighty-five per cent of the funds were allocated to water and wastewater projects, with the remainder of the funds going to culture, tourism, recreation, regional and local airports, capacity building, community energy systems, and disaster mitigation projects.

**Table 1 – New Brunswick Gas Tax Fund Unincorporated Allocation Per Category**

<b>Project Categories</b>	<b>GTF Unincorporated Funding*</b>	<b>Percentage of Funding Per Category</b>
Wastewater	\$32,502,402	48.38%
Drinking Water	\$25,076,624	37.33%
Culture	\$4,018,914	5.98%
Tourism	\$2,771,000	4.12%
Recreation	\$1,291,372	1.92%
Regional and Local Airports	\$700,000	1.04%
Capacity Building	\$279,043	0.42%
Community Energy Systems	\$197,500	0.29%
Various	\$189,041	0.28%
Disaster Mitigation	\$150,000	0.22%
<b>Total</b>	<b>\$67,175,896</b>	<b>100%</b>

\* Funds from GTF 2014-19 and from other sources, such as funds carried forward from previous GTF agreements

The distribution of projects under this Capital Investment Plan for 2014-19 is illustrated in Figure 1.

Over the course of the Agreement, this Capital Investment Plan will be updated as needed.

## 2014-19 Federal Gas Tax Fund Unincorporated Areas Project Distribution

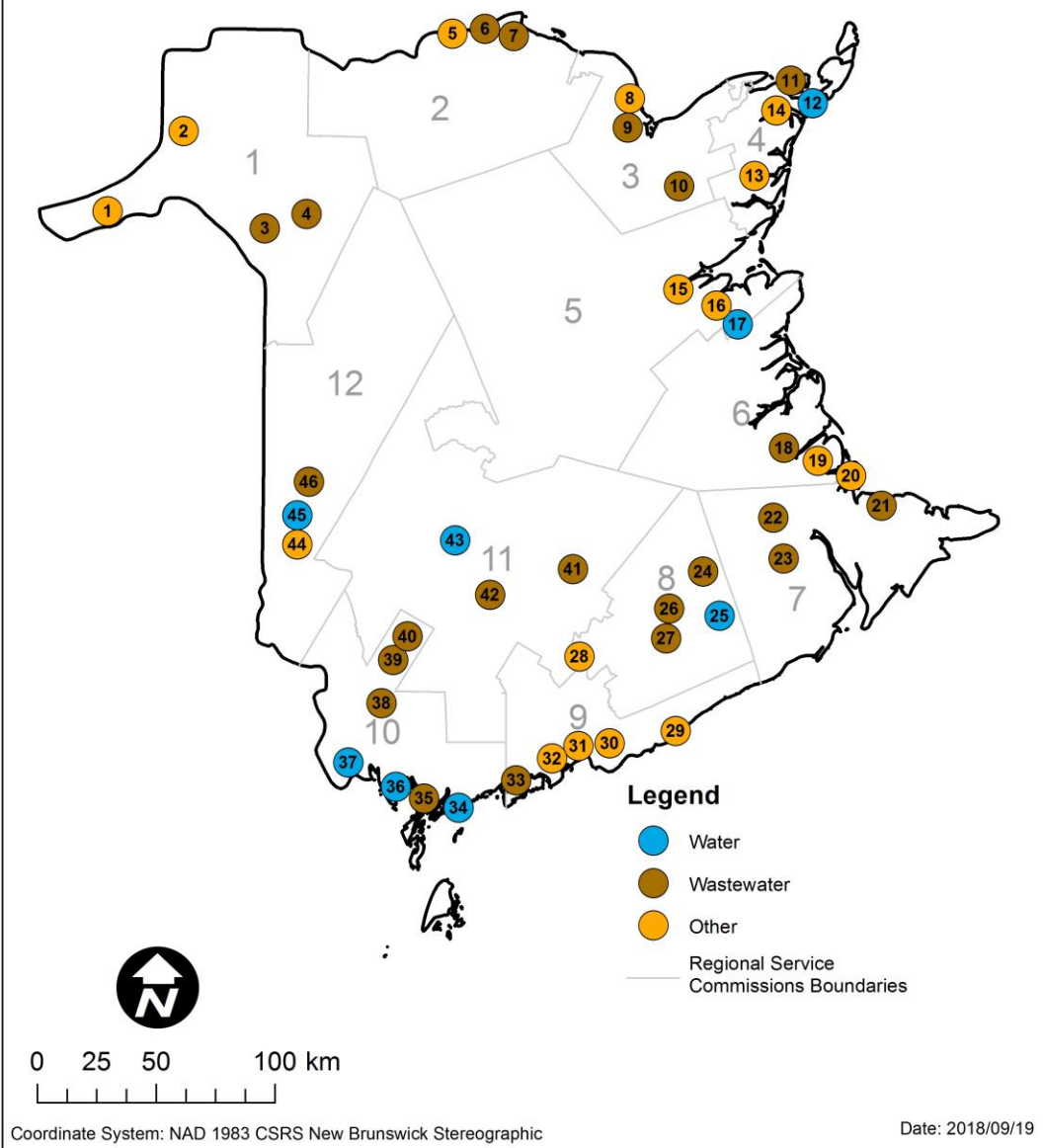


Figure 1. Distribution of Gas Tax Fund projects under the 2014-19 Capital Investment Plan for Unincorporated Areas. Projects are shown within Regional Service Commission boundaries for illustrative purposes. Project numbers correspond to the project list in Annex A.

## Annex A

### Federal Gas Tax Fund (GTF)

#### New Brunswick Project List for Unincorporated Areas (2014-19)

September 10, 2018

Regional Service Commissions (RSC)	Project Category	Responsible Department	Federal Total Approved	
<b>Region 1</b>				
1	Haut-Madawaska Projects	Various	DELG	\$189,041
2	Saint-Joseph Community Centre Extension	Recreation	DELG	\$450,000
3	Saint-Léonard LSD Wastewater Collection	Wastewater	DELG	\$550,000
4	Drummond LSD Wastewater Collection	Wastewater	DELG	\$750,000
				<b>\$1,939,041</b>
<b>Region 2</b>				
5	City of Campbellton Infrastructure	Tourism	RDC	\$871,000
6	John Street Wastewater System Replacement	Wastewater	DELG	\$64,277
7	Dundee LSD Wastewater Collection	Wastewater	DELG	\$3,204,597
				<b>\$4,139,874</b>
<b>Region 3</b>				
8	Tremblay LSD Surface Water Study and Improvements	Disaster Mitigation	DELG	\$150,000
9	Robertville Wastewater Collection and Treatment	Wastewater	DELG	\$816,986
10	Allardville Wastewater System Upgrade and Extension	Wastewater	DELG	\$19,264
				<b>\$986,250</b>
<b>Region 4</b>				
11	Village de Bas-Caraquet Infrastructure	Wastewater	RDC	\$93,000
12	Chemin des Huîtres Water Distribution	Drinking Water	DELG	\$241,260
13	Tracadie Amphitheatre	Culture	RDC	\$2,753,457
14	Acadian Peninsula Airport Runway Improvements	Regional and Local Airports	DELG	\$700,000
				<b>\$3,787,717</b>

	<b>Regional Service Commissions (RSC)</b>	<b>Project Category</b>	<b>Responsible Department</b>	<b>Federal Total Approved</b>
<b>Region 5</b>				
15	Station Wharf Marina Inc.	Recreation	RDC	\$41,372
16	St. Margarets Asset Management Plan	Capacity Building	DELG	\$50,000
17	St. Margarets Water System Major Upgrade	Drinking Water	DELG	\$2,150,000
				<b>\$2,241,372</b>
<b>Region 6</b>				
18	Sainte-Marie-de-Kent Wastewater System Upgrade	Wastewater	DELG	\$750,000
19	Village de Saint-Antoine Infrastructure	Culture	RDC	\$700,000
20	Caissie Cape Wastewater System Preliminary Design	Capacity Building	DELG	\$29,043
				<b>\$1,479,043</b>
<b>Region 7</b>				
21	Pointe-du-Chêne Sanitary Sewer System Improvements	Wastewater	DELG	\$828,000
22	Spring Garden Wastewater Collection System	Wastewater	DELG	\$128,903
23	Greensboro (Coverdale LSD) Wastewater Project	Wastewater	DELG	\$4,031,975
				<b>\$4,988,878</b>
<b>Region 8</b>				
24	Havelock Wastewater System	Wastewater	DELG	\$8,142,556
25	Penobsquis Regional Water Supply	Drinking Water	DELG	\$3,107,529
26	Roachville (Studholm LSD) Wastewater Project	Wastewater	DELG	\$733,575
27	Apohaqui Sewerage Commission - George Street Lift Station Upgrade	Wastewater	DELG	\$15,645
28	Belleisle Community Pool Upgrades		DELG	\$200,000
				<b>\$12,199,305</b>

	<b>Regional Service Commissions (RSC)</b>	<b>Project Category</b>	<b>Responsible Department</b>	<b>Federal Total Approved</b>
<b>Region 9</b>				
29	Fundy Trail Development Authority Infrastructure	Tourism	RDC	\$1,600,000
30	The New Brunswick Museum Foundation Inc. - Improvements (NBDTI)	Culture	RDC	\$397,384
31	The New Brunswick Museum Foundation Inc. - Improvements (NBMF)	Culture	RDC	\$168,073
32	Saint John Port Authority Infrastructure	Tourism	RDC	\$300,000
33	Musquash Wastewater Treatment Upgrades	Wastewater	DELG	\$700,000
				<b>\$3,165,457</b>
<b>Region 10</b>				
34	Beaver Harbour LSD Water System	Drinking Water	DELG	\$250,000
35	Fundy Bay LSD Wastewater Collection and Treatment	Wastewater	DELG	\$3,050,000
36	Chamcook Water Management Plan and Improvements to Dam	Drinking Water	DELG	\$500,000
37	Extension of Water and Wastewater Services in Dennis-Weston LSD	Drinking Water	DELG	\$700,000
38	Hemlock Knoll Landfill Leachate Treatment System	Wastewater	DELG	\$4,500,000
39	Harvey Lake Wastewater Collection System - Charlie Little Rd. (Phase 2)	Wastewater	DELG	\$2,050,000
40	Harvey Lake Wastewater Collection System Extension - Phase 1	Wastewater	DELG	\$334,701
				<b>\$11,384,701</b>
<b>Region 11</b>				
41	Old Avon Wastewater Extension	Wastewater	DELG	\$626,586
42	Gillies Subdivision Wastewater System	Wastewater	DELG	\$953,956
43	Chateau Heights - Water Distribution System and Wastewater Collection System	Drinking Water	DELG	\$17,687,835
				<b>\$19,268,377</b>

	<b>Regional Service Commissions (RSC)</b>	<b>Project Category</b>	<b>Responsible Department</b>	<b>Federal Total Approved</b>
<b>Region 12</b>				
44	Town of Woodstock Community Development	Recreation	RDC	\$600,000
45	Town of Woodstock Infrastructure	Drinking Water	RDC	\$440,000
46	Victoria Corner Wastewater Treatment System Replacement	Wastewater	DELG	\$158,381
				<b>\$1,198,381</b>
<b>Province Wide Initiatives (not identified on map)</b>				
	Community Restructuring Plans	Capacity Building	DELG	\$200,000
	Charging Stations for Electric Vehicles	Community Energy Systems	DELG	\$197,500
				<b>\$397,500</b>
<b>FEDERAL TOTAL APPROVED ALLOCATION</b>				<b>\$67,175,896</b>

DELG = Department of Environment and Local Government

RDC = Regional Development Corporation

**Notes:**

Projects listed are in various stage of completion. As projects progress, the totals may change.

Financial contributions from the community, the Province or local governments are not included.

The Capital Investment Plan includes capacity building and community energy systems projects that benefit several communities around the province. As a result, they are listed separately and are not linked to one project location in Figure 1.

Certain projects have been selected for the benefit of a population living in a large surrounding area. In some cases, the project business case pointed to infrastructure construction within the boundaries of a municipality to serve a rural region. Infrastructure constructed to offer recreational or cultural services should leverage shared services for greater efficiency and reduced operational costs.



## Annex B

### New Brunswick List of Indicators for 2014-19

The following list of indicators has been developed as per the Canada – New Brunswick Administrative Agreement on the Federal Gas Tax Fund to report to Infrastructure Canada on the value for money achieved on investments in Gas Tax projects.

The Province is required to periodically report on the outcomes and benefits of GTF funding for Canadians to Infrastructure Canada. Project benefits are assessed by project category using indicators supporting national objectives. One or more indicators are reported per completed project when possible. The Province shares these results through a Provincial Outcome Report that is submitted and made public on the [provincial Gas Tax Fund website](#).

#### **National Objective: Productivity and Economic Growth**

Category	Indicator
Local Roads and Bridges	<ul style="list-style-type: none"> <li>• # of km improved/resurfaced to a prov. standard</li> <li>• Change in the rate of accidents/fatalities or injuries</li> <li>• Change in International Roughness Index (IRI)</li> <li>• # of complaints/claims due to potholes over a set period of time</li> <li>• Change in road capacity</li> <li>• # of km of path/sidewalk/hiking &amp; walking trails or cycling lanes built</li> </ul>
Highways	<ul style="list-style-type: none"> <li>• # of km improved/resurfaced to a PT standard</li> </ul>
Short Sea Shipping	<ul style="list-style-type: none"> <li>• Increase in the fleet, cargo or passenger capacity</li> <li>• Change in the frequency of service as a result of investment</li> <li>• Increase in the # of passengers transported</li> </ul>
Short-line Rail	<ul style="list-style-type: none"> <li>• Km of constructed or upgraded railway infrastructure</li> <li>• Increase in the # of passengers over a comparable period of time</li> </ul>
Regional and Local Airports	<ul style="list-style-type: none"> <li>• Change in the # of aircraft take-offs or landings at an airport over a determined period of time (one arrival and one departure are counted as two movements)</li> <li>• Change in the # metric tonnes of freight or mail loaded or unloaded at the airport over a determined period of time</li> <li>• Increase in the # of passengers over a determined period of time.</li> <li>• Decrease in the # of occurrences (incorrect presence of an aircraft, vehicle, person or wildlife on the protected area of a surface designated for the landing and take-off of aircraft)</li> </ul>
Broadband Connectivity	<ul style="list-style-type: none"> <li>• # of premises with internet access as a result of project</li> <li>• # of premises with enhanced broadband service as a result of project</li> </ul>

Public Transit	<ul style="list-style-type: none"> <li>• Change in transit coverage (% of people who live within 2km of transit)</li> <li>• # of kms of new or improved transit lines</li> <li>• Change in public transport capacity in route-kilometres (or seat-kilometres, or passenger-kilometres)</li> <li>• Change in ridership</li> </ul>
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### National Objective: Clean Environment

Category	Indicator
Drinking Water	<ul style="list-style-type: none"> <li>• # of new households (and/or non-residential properties) connected to municipal water system</li> <li>• # of metres of water system or supply pipes added, repaired or replaced</li> <li>• Change in capacity of water distributed (m3 per day)</li> <li>• Change in kWh consumed (metering or energy efficiency pumps)</li> <li>• Change in water storage capacity (m3) (+ rationale)</li> <li>• Change in capacity of water treated to meet safety standards (m3 per day)</li> <li>• # of locations fitted with water meters</li> <li>• # of households (and/or non-residential properties) connected to municipal water system that will benefit from increased service reliability</li> <li>• # of households (and/or non-residential properties) connected to municipal water system that will receive improved potable water quality</li> <li>• # of locations that will be connected to hydrants &amp; improve fire protection</li> </ul>
Wastewater	<ul style="list-style-type: none"> <li>• # of new households (and/or non-residential properties) connected to municipal wastewater system</li> <li>• # of metres of system or pipes added, repaired or replaced</li> <li>• Change in capacity of wastewater collected and/or treated (cu.m per day)</li> <li>• # of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability</li> <li>• Increase in # of households (and/or non-residential properties) served by separated sewer systems (to reduce risk of flooding and wastewater discharges)</li> <li>• Change in kWh consumed (energy efficient lift stations)</li> <li>• Confirmation of improved service reliability of wastewater treatment facilities and distribution/collection systems</li> <li>• Frequency of compliance (%) with provincial limits of nutrients in effluent discharge</li> </ul>

Solid Waste	<ul style="list-style-type: none"> <li>• Reduced GHG emissions (e.g., volume of methane captured)</li> <li>• Increased capacity of site (tonnes) + rationale</li> <li>• Increased quantity (metric tonnes) of solid waste diverted from disposal through compost &amp;/or recycling</li> </ul>
Community Energy Systems	<ul style="list-style-type: none"> <li>• Decreased volume of fuel consumption</li> <li>• Decrease in kWh consumed</li> <li>• Increase in kWh generated (off the grid)</li> <li>• Increase in kWh of renewable energy generated</li> </ul>
Brownfield Redevelopment	<ul style="list-style-type: none"> <li>• Area (m2) of remediated site</li> <li>• Increase in local property tax base as a result of project</li> <li>• # of new residential units, businesses and/ or institutions on redeveloped site</li> </ul>

**National Objective: Strong Cities and Communities**

Category	Indicator
Sport	<ul style="list-style-type: none"> <li>• # of residents who will benefit from the new or upgraded sport facility</li> <li>• % or # in increase of sporting events held per year as a result of investment</li> <li>• % increase in visitors (sports tourism) to the community as a result of the investment</li> <li>• Increase in ice surface, seating, public spaces, etc. as a result of investment</li> <li>• # of new or upgraded sport facilities</li> </ul>
Recreation	<ul style="list-style-type: none"> <li>• # of km of recreational trails built or extended or improved</li> <li>• # of residents who could benefit from the investment</li> <li>• Increase in the # of users as a result of investment</li> <li>• # of new or upgraded recreational facilities</li> </ul>
Culture	<ul style="list-style-type: none"> <li>• # of residents served by new or upgraded cultural facilities</li> <li>• % increase in visitors to the community as a result of the investment</li> <li>• % or # in increase of cultural events held per year as a result of investment</li> <li>• # of new or upgraded cultural facilities</li> </ul>
Tourism	<ul style="list-style-type: none"> <li>• # of tourists who will benefit from the new or upgraded facility</li> <li>• Increase in # of visitors and/or length of stay and/or quality of stay as a result of investment</li> <li>• % growth in the # of room-nights sold over a comparable period of time</li> <li>• # of businesses created or expanded as a result of investment</li> <li>• # of new or upgraded tourism facilities</li> </ul>

<p>Disaster Mitigation</p>	<ul style="list-style-type: none"> <li>• % of services projected to be protected due to the new mitigation infrastructure</li> <li>• # of properties projected to be less at-risk due to the new mitigation infrastructure</li> <li>• # or % of population projected to be less at-risk due to the new mitigation infrastructure</li> <li>• \$ of Disaster Financial Assistance Arrangement funding and/ or emergency response costs estimated to be reduced due to the new mitigation infrastructure, based on a previous or comparable event</li> <li>• # or % of at-risk infrastructure that is better protected as a result of the new mitigation infrastructure</li> <li>• % of mitigation plan that is implemented</li> </ul>
<p>Capacity Building</p>	<ul style="list-style-type: none"> <li>• # of Capacity Building projects investing in asset management and/or long-term municipal planning</li> <li>• # of Integrated Community Sustainability or Capital Investment Plans resulting from Capacity Building investments</li> <li>• # of Water Management Plans</li> </ul>