

**Environmental Trust Fund
Awards List
2018-2019**

Sustainable Development:

- Other

1. Climate Change Adaptation Plan for the Regional Municipality of Tracadie 40,000

Municipalité régionale du Grand Tracadie-Sheila will develop a climate change adaptation plan to increase its resilience to the effects of climate change.

2. Climate Change Adaptation Plan for the Chaleur Region 40,000

The Chaleur Regional Service Commission will continue with the next phase of a Climate Change Adaptation Plan for their region.

3. Growing Healthy Communities 50,000

The Ville Cooperative in Marysville will promote sustainable local food systems and food security.

4. Community Based Climate Action Plan 40,000

Tobique First Nation will continue development of a community-based Climate Action Plan.

5. Forest Planning for Carbon Management 12,000

The Southeastern NB Wood Marketing Board will provide carbon-based management services for private woodlot owners in the region.

6. The Growing Place - From Greenhouse to Your House 25,000

Crescent Valley Resource Centre will educate residents about food security and provide them with the opportunity to grow their own food.

7. Renewables NB Continued Community Outreach 40,000

Falls Brook Centre will continue their community outreach program concerning renewable technologies and growing the green economy.

8. Climate Change Adaptation Plan 40,000

The City of Miramichi, in partnership with the local Regional Service Commission, will begin development of a climate change adaptation plan.

9. Implementing Climate Action Plans in Tantramar: Advancing Climate Wellbeing 45,000

EOS Eco-Energy/Énergie will work on activities that address climate mitigation and adaptation as well as build community resiliency.

10. Enabling Knowledge Transfer for Community Resilience and Climate Adaptation 45,000

The Association of Municipal Administrators of New Brunswick will engage municipalities in learning about resiliency planning, including the links between climate change adaptation, disaster risk reduction and emergency preparedness.

11. Developing a Climate Change Adaptation Plan 40,000

A Climate Change Adaptation Plan will be developed for the Town of Shediac.

12. Community Healing Garden at Kingsclear First Nation 25,000

Kingsclear First Nation will establish a Healing Garden with traditional medicinal plants and food gardens, sweetgrass swale and water garden.

13. Climate Change Adaptation Plan for Saint John 40,000

ACAP Saint John will develop a plan incorporating adaptation for stormwater management and flooding, identifying, assessing and mapping risks and vulnerabilities, and identifying actions to increase resiliency.

14. Strengthening Our Community through Sustainability 14,000

Foods of the Fundy Valley will continue building regional food security through education and outreach and by supporting local producers.

15. Analysis and Development of a Model for Reducing Food Waste 19,000

L'action Péninsulaire ayant comme objectif de bien manger et mieux-être will continue their mission to provide healthier food and generate less waste at school cafeterias on the Acadian Peninsula.

16. Fredericton Campus Garden 13,000

The Campus Food Strategy Group will increase access to sustainable, healthy, affordable food on campus and educate students about the importance of localized food systems.

17. Village of New Maryland Climate Change Adaptation Strategy 40,000

The Village of New Maryland will develop a risk assessment and adaptation strategy to guide their path forward.

18. Forest-Growth Model Validation with Application to the NB Forest Landscape 22,000

The Faculty of Forestry & Environmental Management will establish a forest-growth dynamics model as a tool in tracking the long-term evolution of forested landscapes in a changing climate.

19. Toward a More Sustainable Museum for our Visitors, our Community and our Province 18,000

The Central New Brunswick Woodmen's Museum will take actions to increase their sustainability and educate the public about sustainability and the role of forests in a healthy environment.

20. Climate Change Education, Awareness and Capacity Building Strategy 90,000

The UNB Environment and Sustainable Development Research Centre will coordinate the implementation of a climate change education, awareness and capacity building strategy.

21. Integrating Increased Carbon Sequestration in Forest Management Planning 12,000

The York Sunbury Charlotte Forest Products Marketing Board will build capacity in the area of carbon offsetting and management plans.

22. Town of Saint Andrews Climate Change Adaptation Plan 23,000

The Town of Saint Andrews will work toward the development of a Climate Change Adaptation Plan.

23. New Method for Monitoring Erosion 6,000

The Université de Moncton will continue to measure and monitor coastal erosion using the latest technology.

24. Action Plan to Minimize Flood Risks and Erosion in Shippagan 38,000

The Town of Shippagan will develop a Climate Change Adaptation Plan to help prepare the community for the future.

25. Action Plan to Minimize Flood Risks and Erosion for Sainte-Marie-Saint-Raphaël 30,000

The Village of Sainte-Marie-Saint-Raphaël will produce a climate change adaptation plan for their community.

26. Transportation and Land-Use Simulator and Planning Tool 30,000

The Southeast Regional Service Commission will use online technology to enable citizens to collaborate in creating a local integrated transportation and land-use plan.

27. Cultivating Climate Resilience in New Brunswick 40,000

The Atlantic Canadian Organic Regional Network will foster a network for collaboration among farmers in order to build resilience to climate change in our local food systems.

28. Climate Change, Energy and Resilience Initiative 57,000

The Union des Municipalités du Nouveau-Brunswick will assist municipalities in participating in the Climate Protection Program.

29. Climate Change Action Plan: A Collaborative Path Forward 30,000

UNB Fredericton will demonstrate leadership in relation to climate change through development and implementation of a Climate Change Action Plan.

30. Flood and Erosion Risk Analysis for Beresford and Petit-Rocher Nord 35,000

The Chaleur Regional Service Commission will develop a climate change adaptation plan to help address the impacts of climate change as it pertains to flooding and coastal erosion.

31. Bronco's Blooming School & Community Garden 6,320

Broncho's Blooming Community Garden at Bayside Middle School will increase student understanding of a healthy and sustainable community food system.

32. Benchmarking the Use of Climate Data in Provincial Decision Support Systems 30,000

The Faculty of Forestry & Environmental Management will undertake a project that will facilitate the development of provincial expertise in climate adaptation decision-making and response.

33. Climate Change Adaptation using Natural Conservation Approaches 14,000
Canadian Parks and Wilderness Society will continue to identify conservation priorities that can help build resilience to the impacts of climate change.
34. Working Forest Fund and Land Stewardship Program 29,000
The New Brunswick Community Land Trust will educate and encourage landowners to manage their forested land for increased carbon sequestration to help mitigate climate change impacts and benefits for ecosystem services and wildlife habitat.
35. The Development of Local Action Plans for Municipalities in Southwestern NB 30,000
Eastern Charlotte Waterways will continue in the Partners for Climate Protection Program by developing action plans for St. Stephen, St. Andrews, St. George, Blacks Harbour and Grand Manan.
36. Economic Damage from Extreme Weather and Climate Events 15,000
The University of New Brunswick will design and estimate damage functions associated with climate change events and formulate monetary targets for the investment in mitigation and adaptation policies.
37. Northwestern Strategy on Climate Change 55,000
Commission de services régionaux Nord-Ouest will undertake preliminary work on a plan of action for adapting to climate change.
38. Erosion and Flood Risk Analysis for the Neguac-Tabusintac Area 40,000
The Commission de services régionaux Péninsule acadienne will carry out an erosion and flood risk analysis for the Neguac-Tabusintac area.
39. Analysis of Flood Trends under a Changing Climate including Flood Magnitude, Volume and Duration 25,000
The Université de Moncton will study provincial flood characteristics such as duration and volume in order to help improve flood forecasting techniques.
40. Climate Change Adaptation Plan for the Cocagne Watershed 47,500
The Groupe de développement durable du Pays de Cocagne will help develop a Climate Change Adaptation Plan for the Cocagne watershed.
41. Different Conception of the Acadian Peninsula 55,000
The Fondation communautaire de la Péninsule Acadienne will continue their project to help residents of the Acadian peninsula adapt to climate change.
42. Climate Change Adaptation Strategy 40,000
The Village of Cap-Pelé will work on establishing a strategy to deal with the impacts of climate change.
43. Water Guardian: Incorporation of Nature-Based Infrastructure within the Petitcodiac River Watershed 25,000

The Petitcodiac Watershed Alliance will undertake various stewardship actions aimed at helping adapt to climate change.

44. Taking Action on Active Transportation 15,000

La Bikery will encourage cycling as a mode of sustainable transportation in Greater Moncton.

45. Facilitating Climate Change Adaptation Planning and Action 30,000

Nature NB will undertake activities in Bathurst and Port Elgin that will demonstrate the integration of nature-based solutions into municipal adaptation planning.

46. Facilitation of Climate Change Considerations in Asset Management Planning 40,000

UNB Fredericton will study how capacity to manage infrastructure assets and optimize decision making concerning road networks and stormwater systems can be improved.

47. Helping the Communities of the Acadian Peninsula - "Adaptation PA" 20,000

The Institut de recherche sur les zones côtières will continue to assist communities of the Acadian Peninsula in adapting to the impacts of climate change.

48. Climate Change Public Outreach and Education 40,000

Bathurst Sustainable Development will work to advance the understanding of sustainable development goals and climate change resiliency challenges.

49. John Howard Society Community Healing Garden 13,200

The John Howard Society of Southeastern New Brunswick will expand their community gardens to enable more people to participate.

50. Virage Vert at the Caraquet Regional Market 30,000

The waste management system at Marché régional de Caraquet will be upgraded and an educational program undertaken to reduce the amount of waste produced.

51. Ice Flood Risk Mapping and Mitigation: Kennebecasis River Watershed 25,000

The Université de Moncton will continue their flood risk mapping project for the Kennebecasis Watershed.

52. Advancing the Use of Natural Capital for Climate Change Adaptation and Asset Management Improvements 55,000

The Southeast and Western Valley Regional Service Commissions will examine the use of ecosystems and natural infrastructure as buffers against the impacts of climate change.

53. Effects of Protective Structures on the Coastline of the Chaleur Region 20,000

Université de Moncton - Campus de Shippagan will study the effects of erosion protection structures on the shoreline area of the Chaleur Regional Service Commission.

Total Other \$1,699,020

- Preserving Existing Biodiversity

54. Establishing a Wolastoqey Environmental Monitoring Network 30,000

The Wolastoqey Environmental Monitoring Network will develop a 5-year plan that addresses Wolastoqey needs and priorities in their traditional territory.

55. Improving Water Quality Within the Belleisle Watershed 25,000

The Belleisle Watershed Coalition will undertake actions to protect and improve the water quality within their watershed.

56. Toward Integrated Watershed Management: Building Sustainable and Engaged Communities Along the Wolastoqey / Saint-Jean/ St. John River 25,000

The St. John River Society will develop an integrated watershed management plan through stakeholder and community involvement.

57. Monitoring Change on the St. John River 20,000

The St. John River Society will monitor changes in the watershed to improve the understanding of ecosystem health and environmental quality in both the River and Gulf of Maine.

58. Assessing & Improving the Health of the Nashwaak Watershed 30,000

The Nashwaak Watershed Association will undertake a comprehensive monitoring program which will enable them to prioritize future restoration and management efforts.

59. Water Quality Monitoring in the Tantramar River Watershed 35,000

EOS Eco-Energy/Énergie will build capacity and plan a water monitoring program for the Chignecto Watershed.

60. Impacts of Natural Temperature Variability on Atlantic Salmon 20,000

Mount Allison University will determine how thermal cycles affect the growth and health of wild fish in order to predict the impacts of climate change on Atlantic salmon populations.

61. Setting Monitoring Triggers: Defining nutrient levels in surface water quality 10,000

The Faculty of Forestry & Environmental Management at UNB will use existing water quality data to build a database and methodology to calculate normal statistical ranges and evaluate exceedances over time.

62. Awareness, Education and Monitoring of the Kouchibouguacsis 40,000

Les Ami(e)s de la Kouchibouguacsis will continue their efforts in the management of buffer zones to maintain and improve the water quality of their watershed.

63. Chamcook Watershed Monitoring and Protection Plan 7,500

The Atlantic Salmon Federation will work to better understand the flow dynamics, particularly the withdrawal and recharge capacity, of the Chamcook watershed.

64. Building Better Baseline Data 50,000

The Kennebecasis Watershed Restoration Committee will increase their monitoring and data management program in order to provide a broader scope of data to stakeholders and managers.

65. Water Quality Monitoring in the St. Croix Watershed 25,000
The St. Croix International Waterway Commission and its partners will monitor the water quality of the St. Croix and compile a report comparing current to historical water quality data.
66. Investigating the Aquatic Flora of New Brunswick 25,000
The Canadian Rivers Institute will conduct a survey to provide a comprehensive baseline account for the state of aquatic flora in New Brunswick lakes.
67. Chamcook Watershed Volunteer Lake Monitor Project 5,000
Chamcook Watershed Landowners' Association will monitor water conditions within their watershed.
68. Making an Impact on Aquatic Ecosystems 25,000
The Petitcodiac Watershed Alliance will focus on improving aquatic ecosystems through monitoring and education activities.
69. Development of the Madawaska River Watershed Action Plan 20,000
The Société d'aménagement de la rivière Madawaska will develop an action plan for their watershed.
70. Miramichi Watershed Stewardship in Action 70,000
The Miramichi River Environmental Assessment Committee will continue with its mandate of stewardship and improvements to the environmental integrity of the Miramichi watershed.
71. Stewardship, Education and Shoreline Restoration on Harvey Lake 15,000
The Harvey Lake Association will undertake stewardship actions with a view to improving water quality.
72. Outreach, Community Building and Monitoring in the Canaan-Washademoak Watershed 30,000
The Canaan-Washademoak Watershed Association will undertake various actions aimed at improved stewardship and water quality.
73. Water Quality and Quantity Data in the Tabusintac Watershed by Incorporating Environmental Indicators and Scientific Data 25,000
Tabusintac Watershed Association will undertake stewardship activities within the region's ecosystems.
74. Using DNA-based Food Webs to Detect Ecosystem Effects from Restoring Native Adult Atlantic Salmon 10,000
UNB Fredericton will collect additional information to enhance an ongoing, world-class salmon restoration project in Fundy National Park.
75. Acting to ensure a Healthy Meduxnekeag Watershed 30,000
The Meduxnekeag River Association will continue implementing action plan and educational initiatives in their watershed.
76. Assessing the Functions and Benefits of Wetlands - Esgenoopetitj Watershed 40,000

The Esgenoôpetitj Watershed Association will conduct and implement the Wetlands Ecosystems Services Protocol for Atlantic Canada in their watershed.

77. Helping to Protect Surface Water in the Outer Bay of Fundy Watershed 15,000

Eastern Charlotte Waterways will monitor surface water quality in the Outer Bay of Fundy Watershed Complex and assess the ecosystem services provided by nearby wetlands.

78. Nepisiguit Salmon Enhancement and Assessment 14,800

The Nepisiguit Salmon Association will collect data on the status of Atlantic Salmon and undertake habitat enhancement activities in order to improve survival rates.

79. Moving Forward for the Health of our Lakes 55,000

New Brunswick Alliance of Lake Associations will undertake stewardship actions including scientific modeling, water quality monitoring and an educational program.

80. Cedar Swamps 25,000

Kopit Lodge, a conservation group from Elsipogtog First Nation, will increase biodiversity and conserve our natural resources by protecting cedar trees that help white tailed deer survive the winter.

81. Sowing in the Valley 50,000

The Comité Mieux-être de Memramcook will continue to work towards a sustainable community by promoting local food production.

Total Preserving Existing Biodiversity \$772,300

Total Sustainable Development \$2,471,320

Restoration:

- Shoreline

82. Keswick River Maintenance and Restoration 30,000

The Keswick Ridge Society will improve the stability and integrity of the riverbanks through natural plantings.

Total Shoreline \$30,000

- Water Quality

83. Conservation of Natural Resources in the Madawaska River Watershed 30,000

The Société d'aménagement de la rivière Madawaska will improve degraded areas within their watershed.

84. South East New Brunswick Waters – Towards Citizen Monitoring 28,000

Mount Allison University will work with partners to generate an understanding of the sources and timing of contamination in the Shediac Bay and Northumberland Strait areas.

85. Assessment and Improvement of Watercourses in the Cap-Pelé and Beaubassin East

Watershed 20,000

Vision H2O will continue to collect water quality data and undertake activities to improve water quality in their watershed.

86. Broken Brooks: Improving Access to Aquatic Habitat through Diverse Partnerships 25,000

The Petitcodiac Watershed Alliance will help restore habitat connectivity in the Petitcodiac watershed by restoring access to upper reaches that host cold, highly oxygenated waters important for aquatic life cycles.

87. The Rebirth of Water 30,000

ACAP Saint John will continue their monitoring programs within Saint John watersheds.

88. Molecular Detection of Cyanobacteria Toxin Genes 30,000

UNB Fredericton will assess toxicity in Washademoak and Harvey Lakes with a view to decreasing algae blooms in all NB lakes.

89. Nashwaak Watershed Restoration and Education 50,000

The Nashwaak Watershed Association will continue their efforts to manage the watershed as a healthy ecosystem that balances a variety of economic, recreational, social and landowner interests.

90. Lower Kennebecasis Riparian Triage 10,000

The Kennebecasis Watershed Restoration Committee will conduct an assessment of the Lower Kennebecasis and tributaries as well as undertake riparian enhancement activities.

91. Inventory and Improvement of the Banks of the Big Tracadie River 35,000

The Association du bassin versant de la Grande et Petite rivière Tracadie will do a characterization of river banks and work with landowners in their restoration.

92. Continuing the Study of Toxic Algal Blooms in McLaughlin and Irishtown Reservoirs 12,000

Dalhousie University will continue an analysis and prediction for the occurrence of blue-green algae in Moncton reservoirs as well as recommend possible solutions.

Total Water Quality \$270,000

Total Restoration \$300,000

Protection:

- Hazardous Materials

93. Disposal of Household Hazardous Waste 28,000

The Northwest Regional Service Commission will promote the proper disposal of household hazardous waste.

94. Western Valley Household Hazardous Waste Collection 25,000

The Western Valley Regional Service Commission will continue to provide hazardous waste collection in their region.

Total Hazardous Materials	\$53,000
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- Natural Areas

95. Expanding Volunteer, Youth and Community Stewardship of Nature Reserves	30,000
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The Nature Conservancy of Canada will undertake stewardship actions to help mitigate threats to biological diversity and to engage New Brunswickers in the protection of natural areas.

96. Protection of the Piping Plover and Coastal Habitat of the Acadian Peninsula	12,000
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Nature NB will continue to protect the coastal zone with an emphasis on the protection of the Piping Plover.

97. Nicholas Beach Dune Preservation and Restoration	5,000
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The Plage Nicholas Beach Residents Association will install interpretive panels to raise awareness of the importance of coastal ecosystem protection.

Total Natural Areas	\$47,000
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- Other

98. Study of the Vulnerability of Bivalves to Ocean Acidification	20,000
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Université de Moncton - Shippagan campus will assess the effects of ocean acidification on oysters and clams.

99. Action Plan to Minimize Flood Risks and Erosion for Bas-Caraquet	35,000
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The Village of Bas-Caraquet will produce a Climate Change Adaptation Plan to be better prepared against its impacts.

Total Other	\$55,000
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- Water Quality

100. South East Kent County Water Quality Monitoring and School Education Program	25,000
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The Southeastern Anglers Association will continue with water quality monitoring activities and coordinate the Fish Friends program at a local school.

101. Mobile Application for the Identification of Problematic Aquatic Sites	10,000
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The Conseil de Gestion de la rivière Restigouche will develop an app to record information about sites that are threatening fish habitat.

102. Sustainable Agriculture - St-Quentin	5,000
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The Conseil de Gestion du Bassin Versant de la Rivière Restigouche will hold an information session with farmers about how sediment impacts fish habitat.

103. Historical Water Quality Data Acquisition	40,000
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The Community-Based Environmental Monitoring Network will provide New Brunswick watershed groups and lake associations with the capacity to digitize their water quality data and make them available publicly.

104. Environmental Monitoring in three Watersheds 15,000

The Southern Gulf of St. Lawrence Coalition on Sustainability will develop a bay-scale monitoring and restoration program for eelgrass in Tabusintac and Shediac Bays.

105. Assessment and Restoration of Habitat of the Shediac Bay 50,000

The Shediac Bay Watershed Group will continue to monitor various water quality parameters in the area.

106. Water Quality Improvement in the Scoudouc and Shediac Rivers 50,000

The Shediac Bay Watershed Association will work to assess and improve the water quality within their watershed.

107. Water Quality Improvement in the Pokemouche Watershed 40,000

Le Comité de Gestion Environnementale de la Rivière Pokemouche will undertake activities to improve the water quality of the watershed.

108. Special Project for the Bay of St-Simon Nord 15,000

The Partenariat pour la gestion intégrée du bassin versant de la Baie de Caraquet will continue to sample water quality in the Baie de St-Simon nord.

109. Inventory, Monitoring and Restoration of Buffer Zones 55,000

The Bassins Versants de la Baie des Chaleurs will carry out monitoring and restoration work on the Benjamin River.

110. Restoration of Pollution Sources in Iroquois River and Blanchette Creek 20,000

Comité de l'aménagement rural du Nord-Ouest will continue their efforts to monitor and improve the water quality of the ruisseau Blanchette watershed.

111. Water Quality Response to Hydrometric and Geological Variation 30,000

The Oromocto Watershed Association will undertake a water quality project which incorporates bedrock and surficial geology as well as stream discharge into a sampling protocol.

112. Rue du Rivage Littoral Study 20,000

The Town of Lamèque will carry out an assessment of the bay to determine the cause of a recurring odor issue.

113. Ecological Restoration of McKnight and Godin Brook 30,000

The Comité sauvons nos rivières Neguac will carry out restorative work on two major streams within their watershed.

114. Sustainable Management of Five Fingers Watershed 12,000

The Five Fingers Watershed Committee will continue to carry out improvement activities within their watershed.

115. Management of Contamination Sources of Rivière-à-la-truite and ruisseau Trois-Milles 20,000

The Comité de l'aménagement rural du Nord-Ouest will mitigate pollution sources on rivière-à-la-truite and ruisseau Trois-Milles as well as educate the public on how to be better eco-citizens.

Total Water Quality \$437,000

- Water and Wastewater

116. Toxic Algae in Moncton's Drinking Water Resources 30,000

Dalhousie University will continue an analysis and prediction for the occurrence of blue-green algae in Moncton reservoirs as well as recommend possible solutions.

117. Green Infrastructure Solutions for Stormwater Management 20,000

The City of Saint John will introduce green infrastructure solutions into city stormwater management in an effort to better adapt to a changing climate.

118. Assessing Climate Risks and Developing a Strategy to Manage Drinking Water Supply 25,000

The City of Bathurst will identify potential actions that will ensure a safe drinking water supply for Bathurst and Beresford under a changing climate.

119. Improving Assessment and Response to Cyanobacteria Blooms 40,000

The City of Moncton will study various facets related to their drinking water source with a view to preventing future algae blooms.

120. Establishing an Exceedance Monitoring Network for Pesticide Residue 40,000

The University of New Brunswick will develop a modelling-based approach for forecasting and informing citizens about pesticide residue in surface water.

Total Water and Wastewater \$155,000

Total Protection \$747,000

Education:

- General Public

121. Domestic Waste Management: Targeted Awareness Campaign 40,000

Commission de services régionaux Péninsule acadienne will improve the efficiency of their sorting system.

122. Walton Glen Gorge Falls and Little Salmon River Interpretive Program 20,000

Fundy Trail Parkway will educate the public about Protected Natural Areas and the unique natural characteristics of the area.

123. Environmental Education on the Sustainable Management of the Coastal Zone 19,000

The Université de Moncton will implement an environmental education component to the Grande Digue Pluriel Trail.

124. Promoting Ecological Thinking and Sustainable Development in Rural Areas 40,000

Verts Rivages will continue to educate people about various ecological and environmental issues in their area.

125. Green Fair 37,500

The Greater Miramichi Regional Service Commission – Solid Waste Services will organize Green Fairs to raise awareness of the waste disposal and recycling programs available.

126. Enhanced Website Functionality 14,000

Regional Service Commission 11 will create a state of the art website to increase capacity to educate the public on its programs.

127. Homarus Ecocentre - Educational Activities on the Marine Ecosystem 30,000

Homarus will redesign their education program in order to offer an enhanced learning experience.

128. Environmental Science in our Communities 30,000

Science East will develop and deliver province-wide, science-based environmental education programs for youth and the general public.

129. NB Waste Reduction Campaign 70,000

The NB Waste Reduction Committee will conduct a province-wide educational program on proper waste management.

130. Environmental Engagement Initiative 9,000

The Friends of Beaubears Island will increase the ecological awareness of students and the general public through nature tours of the island.

131. Family Challenge Almost Zero Waste 37,500

The group Zero Waste will challenge local families to significantly reduce their waste.

132. Environmental Awareness and Education 25,000

Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet will raise public awareness on a variety of environmental issues.

133. Experiential Awareness of the Environment 7,500

Through a series of workshops and interpretive panels, the City of Campbellton will educate the public about how to best protect the natural resources of the Restigouche area.

134. Daly Point Nature Reserve Environmental Education and Wetland Protection 25,000

In partnership with the City of Bathurst, the Daly Point Nature Reserve will conduct an environmental education and outreach program.

135.	Communicating about Climate Change	40,000
The Conservation Council of New Brunswick will engage citizens and trade unions in their role in emissions reduction and adapting to climate change.		
136.	Get Outside! NB - Creating Youth Natural Leaders	10,000
The Canadian Parks and Wilderness Society will undertake a project to connect citizens to nature using our parks and protected areas as the natural backdrop.		
137.	Climate Change Education- Nature Does It Best	20,000
Bathurst Sustainable Development will assist schools and community members to undertake various nature-based actions that will contribute to the sustainability of the area.		
138.	Engaging Municipalities in Best Practices for Reducing Wood Stove Smoke	20,000
New Brunswick Lung Association will undertake an educational campaign to encourage woodstove owners to utilize best burning practices in order to reduce emissions.		
139.	Water for the Future: Increasing Public Awareness about Water Conservation	50,000
The Conservation Council will conduct an educational campaign to facilitate comprehensive citizen action on protecting, conserving and sustaining our water resources.		
140.	Managing our Waste Properly	10,000
The Town of Caraquet will continue to promote its eco-center in an effort to better manage domestic waste.		
141.	Drive Electric NB	35,000
The New Brunswick Lung Association will help reduce air pollutants and greenhouse gases arising from gasoline and diesel fueled vehicles by promoting electric vehicles.		
142.	People and Peeps	20,000
The Nature Conservancy of Canada will educate the public on the ecology of mudflats, the biology of shorebirds and the importance of protecting their habitat.		
143.	Citizen Science from the School Yard to Protected Natural Areas	20,000
Nature NB will engage the community in a variety of citizen science-based conservation programs.		
144.	"This Summer, I'm Going to the Market!"	40,000
The Écomarché of Beresford will educate the public about the environmental benefits of eating local and in season.		
145.	Climate Change Resiliency: Adaptation through Collaboration	35,000
The New Brunswick Environmental Network will connect climate change adaptation stakeholders on a regional and provincial level.		
146.	Forests of the Future in Rural and Urban Atlantic Canada	35,000

Fundy Biosphere Reserve will continue their Forests of the Future program which provides guidance for forest managers and woodlot owners to plan and plant for the future.

147. Residential Curbside Recycling Awareness Program 70,000

The Southwest Regional Service Commission will undertake a recycling education and awareness campaign.

148. Community Awareness Program on the 5R Rules 19,000

The group Vision H20 will educate the public about proper waste management practices.

149. Increasing Compost & Recycling through Digital Media 25,000

Fundy Regional Service Commission 9 will utilize new media platforms to optimize their waste reduction educational campaigns.

150. Two-Eyed Seeing: Integrating Indigenous Knowledge and Western Science 42,500

Metepanagiag Heritage Park will deliver a Two-Eyed Seeing Workshop to improve mutual understanding of Indigenous knowledge holders and Western scientists in resource management.

151. Developing Resilient Communities - Sustainable Solutions to Climate Change 32,600

The Groupe de développement durable du Pays de Cocagne will conduct workshops aimed at raising awareness of the impact of climate change on the sustainability of the watershed.

152. Help Keep Skiff Lake Healthy 5,000

The Skiff Lake Cottage Owners Association will deliver an education program that promotes best practices for lake health.

153. Urban and Sustainable Agriculture as a Local Solution to Climate Change 15,500

Really Local Harvest Co-op will promote the many benefits of community gardens in the Greater Moncton area.

154. Supporting Grassroots Environmental Engagement and Collaboration 60,000

The New Brunswick Environmental Network will enhance citizen involvement in environmental issues through the provision of communication and networking services among environmental groups and other agencies.

155. Beverage Container Program - Public Education and Awareness 60,000

Eastern Recyclers Association will continue with their plan to increase the redemption of beverage containers.

156. Solid Waste Reduction & Public Education Campaign 70,000

The Western Valley Regional Service Commission will undertake a comprehensive educational campaign to promote their new curbside recycling program.

157. The Fight Against Climate Change 19,000

The Université de Moncton will assess the impact that activities undertaken by the Pays de Cocagne Sustainable Development Group has had in the region over time.

158. Community Awareness of the Protection of the Coastal Environment 20,000

Vision H20 will raise awareness of the important role of dunes in coastal ecosystems and take actions to protect them.

Total General Public \$1,178,100

- Professional Education

159. Implementing a Soil Conservation Awareness Initiative 20,000

Collège Communautaire du Nouveau-Brunswick in Grand Falls will develop an educational program on the sustainable management of cultivated soils.

160. Urban Teaching Farm 33,000

New Brunswick Community Harvest Gardens will focus on regenerative agriculture which will positively impact our environment and local food security.

161. Communication, Education and Awareness Program on Adaptation to Climate Change 50,000

Institut de recherche sur les zones côtières will work with communities of the Acadian Peninsula in the preparation and implementation of an action plan for adapting to climate change.

162. Beverage Containers Program Training 30,000

Eastern Recyclers Association will develop business enhancement training modules for redemption centre owners, operators and staff.

Total Professional Education \$133,000

- Publications/Displays

163. Climate Change Development Handbook & Guidelines 10,000

The Southwest New Brunswick Service Commission will support climate change adaptation efforts through develop a Climate Change Development Handbook & Guidelines for their region.

164. Climate Smart Forestry: Designing Adaptive Silviculture for the Acadian Forest 60,000

Community Forests International will help manage the Acadian Forest with a view to increasing carbon sequestration and adaptation to climate change.

165. Native Plant Inventory and Publication 3,000

Lake George Habitat Preservation will develop an inventory of native plant species in and around the lake as part of a broader effort to develop a volunteer-led Invasive Plant Patrol.

166. Sackville Waterfowl Park Welcome Centre Renewal 28,500

The Town of Sackville will add modern, interactive displays to the Waterfowl Park Welcome Centre to educate visitors about the natural features of the area.

167. Engaging Youth in Environment Education 2,500

The NB Scout Council Holderville Committee will increase awareness of and respect for the environment by engaging youth in nature-based educational activities at the Holderville Nature Reserve.

Total Publications/Displays \$104,000

- School-based Programs

168. Learning Outside: Enhancing student learning with curriculum-linked activities 50,000

The Conservation Council of New Brunswick will ensure schools have the opportunity to engage in the natural world through outdoor curriculum-linked activities.

169. Building Educator Capacity for Field Trips 9,000

Stonehammer will take students on interpretive tours of the UNESCO Global Geopark.

170. Youth Engagement in Environmental Stewardship 19,000

St. Croix Estuary Project's YEES program will empower youth to become stewards of our natural resources.

171. Earth Rangers School Outreach Program 19,000

Earth Rangers Foundation will educate children about biodiversity, inspiring them to adopt sustainable behaviours and empowering them to become involved in habitat protection.

172. Watch Your Paws- Motivating Students for Nature Conservation Action 5,000

The Canadian Parks and Wilderness Society - NB Chapter will deliver their bilingual nature conservation education program to elementary school students.

173. Education and Leadership for a Sustainable New Brunswick 35,000

The New Brunswick Environmental Network will engage New Brunswickers in moving towards a culture of sustainability education.

174. Fish Friends 10,000

The New Brunswick Salmon Council will provide classrooms with incubation systems and educational materials so they can participate in the Fish Friends Program.

175. Enviromania 29,000

Partners for Youth will continue their "Enviromania" program, an experiential learning project based on the "Leave No Trace" ethic and living a life of minimal impact.

176. College 4 Kids Summer Program 6,000

The New Brunswick Community College - Fredericton will develop and deliver a program designed to educate youth about renewable energy.

177. Projet CENA 10,000

Projet CENA will create an outdoor natural learning environment for students of Centre Scolaire Samuel-de-Champlain and the Saint John community at large.

178. Youtube Channel on Eco-Education 35,000

The Comité de parents - École Le Tremplin will produce short videos to raise awareness on a variety of environmental issues.

179. Walking on my Roof to Improve the Environment 19,000

The Groupe Littoral et vie will work with a local school to develop a roof top green area to serve as an educational tool.

180. We take on the environment! 30,000

Place aux compétences will provide the resources and tools necessary to enable local schools to undertake environmentally beneficial projects.

181. Fish Friends 2017 900

Fonds étudiant de l'école Académie Assomption in Bathurst will install the equipment necessary to participate in the Fish Friends program.

182. École Notre-Dame d'Edmundston Outdoor Classroom 7,800

The Comité d'environnement de l'École Notre-Dame will develop an outdoor learning classroom for its students.

183. Young Stewards for Sustainability 40,900

The Groupe de développement durable du Pays de Cocagne will work with students and the public in implementing projects to address climate change.

184. Developing Wetlands Awareness in Today's Youth for Tomorrow's Leaders 20,000

The Tantramar Wetlands Centre will continue to offer wetland educational experiences illustrating the importance of wetland conservation and their environmental benefits.

185. Envirothon 45,000

Envirothon, coordinated by the Science East Association, increases French and English high school students' knowledge of environmental issues and ecological sustainability principles through practical studies in their regions, as well as a provincial competition.

186. Leading Youth in Experiential Learning in Support of Climate Change Mitigation 40,000

The Gaia Project will develop and deliver curriculum-based school energy projects aimed at increased energy literacy and knowledge of climate change.

187. New Brunswick Wetland Centres of Excellence 30,000

Ducks Unlimited Canada will expand the scope of its current wetland education program through the establishment of a network of schools designated as Wetland Centres of Excellence.

188. Nature Detective Program 14,000

St. Croix Estuary Project will continue a program for school children where they become a 'Nature Detective' for a day.

189. Strengthening Eco Citizens 65,000

Falls Brook Centre will empower youth in responsible ecological citizenship through sustainable rural community initiatives and biodiversity activities.

190. Eco-LOGIC 10,000

The Hammond River Angling Association will provide students with educational programs that raise environmental awareness and foster stewardship.

191. Outdoor Environmental Education Program 23,500

The Regional Centre of Excellence on Education-Tantramar will design and implement an outdoor environmental education program at Marshview Middle School.

192. Meduxnekeag Outdoor Environmental Education Program 30,000

The Meduxnekeag River Association will provide students with a curriculum-linked learning opportunity that will broaden their understanding of how they are connected to the natural environment.

193. Climate Change Education Plan 45,000

The Gaia Project will develop and move forward with a Climate Change Education Plan for New Brunswick schools.

194. Garden Creek Garden 10,000

The Garden Creek Garden Club will provide indoor and outdoor gardening experiences for its students.

195. School Garden, Outdoor Classroom, Tree Nursery and Orchard 10,000

The Devon Middle School Environmental Club will provide students with tours of local community gardens and improve their outdoor gardens by adding wheelchair accessible raised beds.

196. Sustainability Initiative 7,480

This sustainability and educational initiative at St. Malachy's Memorial High School will enable Saint Mac's Weed Wacks to continue to develop their outdoor classroom green space.

197. Hands-On Nature: Appealing to the Active Learner 25,000

The Cape Jourimain Nature Centre will introduce two new educational programs, one focused on identifying animal tracks and the other on discovering the species living in tide pools.

Total School-based Programs \$700,580

Total Education \$2,115,680

Conservation:

- Other

198. Identifying Conservation Threats and Solutions to Protect Urban Turtle Populations 8,000

The New Brunswick Museum will conduct comprehensive data analysis and share information with a view to protecting these endangered and at risk species.

199. Climate Change Adaptation Plan for Beaubassin-est 37,000

The Rural Community of Beaubassin-est will develop a Climate Change Adaptation Plan for their community.

Total Other \$45,000

- Waste Management

200. Industrial, Commercial and Institutional Waste – Sorting Participation Campaign 35,000

Southeast Regional Service Commission 7 will launch an educational campaign aimed at increasing recycling and composting in the region.

201. 3 Stream Waste Awareness 35,000

Regional Service Commission 8 will continue to inform the public about the newly implemented three stream sorting system.

202. Packaging and Printed Paper Baseline Data 25,000

Recycle NB will continue dialogue with stakeholders concerning extended producer responsibility and a program to address waste packaging and paper.

203. Recyclables Composition Audit 50,000

The Greater Miramichi and Chaleur Regional Service Commissions will conduct a composition audit of recyclables to help determine the direction of future waste management.

204. Increasing Diversion from Blue Bags and Improving Compost Quality 35,000

Southeast Regional Service Commission 7 will launch a public educational campaign explaining why proper sorting is so important.

205. Minlak Recycling 15,000

Minlak Recycling, in cooperation with the Fredericton Regional Service Commission, will continue to provide a drop-off and sorting facility in the Minto area. A recycling educational campaign will also be undertaken.

206. The Debris Free Fundy Program - A Marine Debris Reduction Initiative 50,000

The Huntsman Marine Science Centre will study the issue of marine debris in the Bay of Fundy and inspire environmental stewardship through community engagement.

207. Recycling in Restigouche 60,000

The Restigouche Regional Service Commission will continue to inform citizens about proper waste management.

208. Community Awareness of Eco-responsible Waste Management 40,000

The Chaleur Regional Service Commission will expand their recycling program to include institutions and businesses.

209. Packaging & Printed Paper Dialogue 75,000

Recycle NB will continue dialogue with stakeholders concerning extended producer responsibility and a program to address waste packaging and paper.

210. NB Provincial Waste Characterization 120,000

Southeast Regional Service Commission 7 will conduct a provincial waste characterization study as a foundation for the Provincial Solid Waste Strategy and future waste management programs.

Total Waste Management \$540,000

- Water Conservation

211. Awareness of Water Management and Conservation 40,000

Shediac Bay Watershed Association will continue with their water management and conservation strategy.

212. Restoration of Sites and Reduction of the Proliferation Risks of Cyanobacteria 20,000

The Comité de l'aménagement rural du Nord-Ouest will take action to reduce the proliferation of blue green algae in Lac Unique.

Total Water Conservation \$60,000

- Wetland/Habitat Management

213. Protecting Appalachian Hardwood Forest, Riparian Areas and Sensitive Habitat 35,000

Nature Trust of New Brunswick will undertake efforts to preserve an Appalachian Hardwood Forest and ecologically-sensitive habitats supporting Species at Risk.

214. Wet-Areas Mapping Initiative 50,000

The Faculty of Forestry & Environmental Management will produce data layers that will facilitate regulatory and development planning for wetlands.

215. Population Viability Analysis – Maintaining Biodiversity in the Acadian Forest 15,000

Fundy Model Forest will develop Population Viability Analysis protocols in order to help reduce the potential impact of forest practices on our natural habitat.

216. Bioblitz 2018: Spednic Lake 50,000

The New Brunswick Museum will co-ordinate a biological inventory of the Spednic Lake Protected Natural Area.

217. Public Engagement and Distributed Leadership in Nature Preserve Stewardship 35,000

The Nature Trust of New Brunswick will utilize a stewardship group model in order to maximize conservation of our most cherished natural areas.

218.	Fostering Community Stewardship at South Richibucto Dune & Cap-Lumière	6,000
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Bird Studies Canada will foster stewardship actions among coastal recreational users and work to address threats to the ecosystems.

219.	Building Community Support for Wetland Restoration and Conservation	10,000
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The Nature Conservancy of Canada will build community support for the restoration of a coastal salt marsh in Albert County.

220.	Implementing Wetland Ecosystem Services Protocol for Atlantic Canada	35,000
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The Tabusintac Watershed Association will implement the Wetland Ecosystems Services Protocol-Atlantic Canada within their watershed to gain a better understanding of the benefits and functions of wetlands.

221.	Assessment of Wetland Ecosystemic Systems of Two Designated Watersheds	20,000
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The NBCC Grand Falls will use the Wetland Ecosystem Services Assessment Protocol to evaluate local wetlands.

222.	Defining our Wetlands	15,000
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Hammond River Angling Association will delineate and map local wetlands, and use the Wetland Ecosystem Services Protocol for Atlantic Canada to determine their function and value.

223.	Ecological Improvement of Fish Habitat in Leech Brook and Tributary	10,000
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The Association Bassins Versants Grande et Petite Rivière Tracadie will carry out habitat improvement work in two watercourses within their watershed.

Total Wetland/Habitat Management	\$281,000
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Total Conservation	\$926,000
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Beautification:

- Shore Line Clean-up

224.	Eel River Crossing Watershed Conservation	10,000
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The Village of Eel River Crossing will continue watershed clean-up activities in order to protect their drinking water supply.

225.	Algae Cleanup	40,000
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The Town of Lamèque will harvest and compost marine algae that deposits on the shoreline.

226.	Beach Sweep	30,000
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Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet will coordinate shoreline clean-ups from Campbellton to Cap-Pelé.

227.	Clean-up of Tabusintac Bay Estuary	15,000
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The Union des pêcheurs et de Aquaculture de Est will undertake a shoreline clean-up of the Tabusintac Bay estuary.

Total Shore Line Clean-up	\$95,000
Total Beautification	\$95,000
Total 2018-2019 ENVIRONMENTAL TRUST FUND PROJECTS	\$6,655,000