

| 4.2 COMMUNITY ACTIONS | | | | | | | | |
|--|---|---|--|---|-----------|-----------------------------------|--------------------|--|
| Type of Action | Project / Activity | Objectives | Lead | Partner | Term | Estimated GHG Emission Reductions | Total Project Cost | Other benefits |
| COMMUNITY AWARENESS | | | | | | | | |
| <i>Strategy I. Develop a more aware, committed and engaged community, both residential and business with emphasis on sustainable, environmentally friendly actions</i> | | | | | | | | |
| A | 4.2.1 Develop & Implement a low cost marketing strategy to deliver information to the community | To increase the awareness and commitment of the residents and businesses in sustainable practices, a program using the following local media will be developed: Rec Centre LED sign, local media (TV, radio and print), information pamphlets . | City of Thompson, Environment / Sustainability Coordinator | Thompson Zoo, local community groups | Immediate | To be Determined | \$5000.00 annually | Clear message will be sent to the community regarding the City's commitment to addressing climate change. |
| A | 4.2.2 Actively Celebrate all Eco-days and promote Commuter Challenges | The City of Thompson will celebrate all eco-days and commuter challenges and provide to residents and businesses the resources for participating in to foster environmental commitment. Local challenges will also be developed to measure GHG emission reductions. | City of Thompson, Environment/ Sustainability Coordinator | Local schools, businesses, political organizations and NGO's. | Immediate | Varies, dependent on challenge | \$0.00 | Changes in behaviour through increased awareness and participation can lead to snowball effects on others. |
| A | 4.2.3 Annual Environmental Awards for Individuals and Businesses | The City Thompson will promote the awareness of sustainability and greenhouse gas emissions through local contests and awards which focus on the successes of local commitments to act. | City of Thompson, Environment/ Sustainability Coordinator | Awards Committee | Immediate | To be Determined | \$1500.00 Annually | Increased awareness of the impact of behavioural changes can have. |
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| A | 4.2.4 Actively promote local Eco programs | The City of Thompson will support and assist the Thompson Zoo in the promotion of existent programs which reduce greenhouse gases, such as organic gardening, sustainable lawn care / landscaping and composting | Thompson Zoo | City of Thompson, Environment/ Sustainability Coordinator | Immediate | To be Determined | \$5,000.00 Annually | An increase in visitors for the Thompson Zoo which will bring in additional revenue. |
| ENERGY | | | | | | | | |
| <i>Strategy I. Decrease the amount of energy consumed within the residential community</i> | | | | | | | | |
| ○ | 4.2.5 Promote MB Hydro's Lower Income Power Smart initiative and implement a "Cut the Loss" program to assist lower income households in winterizing their homes | The City of Thompson will assist and support MB Hydro's Lower-income Power Smart program (Appendix I). To supplement areas that the Power Smart program does not cover, the City of Thompson will implement a "Cut the Loss" program. | City of Thompson, Environment/ Sustainability Coordinator | Local Service Clubs, Manitoba Hydro, BUILD | Immediate | 24.3 tonnes | \$9,000.00 | |
| ○ | 4.2.6 Promote and Assist in the Distribution of Power Smart water and energy conservation kits | To encourage residents and businesses to practice sustainable water conservation techniques, the City will partner with Manitoba Hydro Power Smart in the promotion of their <i>Water and Energy Conservation Kit</i> due for release in the fall. | MB Hydro | City of Thompson, Environment/ Sustainability Coordinator | Immediate | 18.0 tonnes | \$0.00 | |
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| TRANSPORTATION | | | | | | | | |
| <i>Strategy 1. Review current City policies to ensure they encompass a strong active, sustainable transportation component.</i> | | | | | | | | |
| P | 4.2.7 Develop and Implement a Complete Streets Planning Policy | Workshop and course training (for example, The Natural Step toolkits and courses) for City planning and public works staff focusing on a complete street policy program. | City of Thompson Development Officer, Public Works | | Immediate | To be Determined | \$0.00 | A holistic planning approach will save costs, offer more transportation options, improve road safety and the level of enjoyment of street activity overall. |
| P | 4.2.8 Review and Implement a snow removal policy with respect to making Thompson a more walk able community. | The City of Thompson's snow clearing and sidewalk maintenance policy will be revised to ensure sidewalks and the main walking corridors are cleared of snow and ice to support and encourage active transportation during winter months. | City of Thompson Public Works | | Immediate | To be Determined | \$0.00 | Manual Labour would create 12 additional seasonal jobs |
| A | 4.2.9 Promote Thompson's involvement in the Safe Routes to School Program | To encourage and promote participation in active and sustainable transportation to all residents of Thompson, with special emphasis on safe routes to school to the six elementary schools. Elements of this action include snow removal and crosswalk signage. | School Division of Mystery Lake | City of Thompson, Environment/ Sustainability Coordinator | Short-term | To be Determined | \$0.00 | |
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| P | 4.2.10 Develop and Implement a Bylaw requiring LEED Building standards regarding sustainable transportation | To ensure that all new construction within the City of Thompson is equipped with energy efficient devices with respect to sustainable transportation, the City should adopt a LEED type By-Law requiring a minimum number timer controlled plug-ins and bicycle racks for new commercial residences and buildings. | City of Thompson Development & Planning | | Immediate | To be Determined | \$0.00 | |
| <i>Strategy II. Improve infrastructure (trails, bike racks, lighting, etc.) to encourage, support and promote the use of sustainable and active transportation.</i> | | | | | | | | |
| O | 4.2.11 Development of a Commuter Trail System Connecting Neighbourhood Hubs to the City Centre | To improve and connect the existing neighbourhoods with a safe and well lit trail system to make it easier for residents to manoeuvre throughout the community using sustainable and active transportation. Project consists of trail development and corridor construction, lighting on trails and paths, and brush clearing. | City of Thompson Recreation Dept. | School District of Mystery Lake, Manitoba Hydro | Each stage can be completed within a one year time frame | 46.6 tonnes annually or 232.8 tonnes over 5 years | \$300,000 annually | Improved public health, air quality, city beautification, opportunities for recreation and civic pride. |
| O | 4.2.12 Development of an Adopt a Trail program | To foster civic pride and help offset the cost sidewalk snow clearing, an adopt-a-trail program could be offered to the business and residential community as well as local interest and community groups. | City of Thompson, Environment/ Sustainability Coordinator | Local Service Clubs, businesses interest groups | Coincide with trail development | To be Determined | \$6,000.00 | Increased civic pride |
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| ○ | 4.2.13 Purchase of a Bobcat devoted to trail and sidewalk snow clearing | The City of Thompson will purchase a bobcat with a snow blower attachment devoted solely to sidewalk and trail clearing. | City of Thompson, Purchasing Department | | Immediate | 387.4 tonnes | \$60,000.00 | Increased opportunity for active winter transportation. |
| ○ | 4.2.14 Provide secure bike racks throughout the City | To encourage active transportation and ensure that people choosing sustainable transportation have the means necessary to safely store their vehicles, the City Thompson will purchase and install modern bicycle racks | City of Thompson, Environment/ Sustainability Coordinator | Local businesses | Immediate | To be Determined | \$22,000.00 | |
| <i>Strategy III. Reduce GHG emissions through improved fuel efficiency.</i> | | | | | | | | |
| ○ | 4.2.15 Quarterly tire-pressure clinic | The City of Thompson will offer at select locations a vehicle tire-pressure clinic to assist residents in optimizing their fuel efficiency and minimize greenhouse gas emissions. | City of Thompson mechanics, Environment/ Sustainability Coordinator | Local garages | Immediate | 19.8 tonnes | \$500.00 Annually | Cost savings to participating residents. |
| <i>Strategy IV. Improve local transit system to meet the needs of residents</i> | | | | | | | | |
| ○ | 4.2.16 Bus Purchase | To optimize the public transit system in Thompson and bring it relevancy to residents, a third bus is required. | City of Thompson Purchasing, Asset & Infrastructure | LGD Mystery Lake, Vale INCO | Short-term | 403.7 tonnes | \$325,000.00 | Improved air quality and reduced traffic |
| ○ | 4.2.17 Purchase and installation of additional bus shelters | To provide support for residents who chose to utilize public transit, the City would require the purchase of two, possibly three (should scheduling permit routing into Vale-Inco) new bus shelters | City of Thompson | Vale INCO | Immediate | 403.7 tonnes | \$32,000.00 | Improved comfort level for transit users. |
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| <i>Strategy V. Reduce the amount of stationary vehicle idling and encourage active transportation</i> | | | | | | | | |
| A | 4.2.18 Promotion of Reduced Idling information and signage | Actively promote the benefits of idle-free zones in the city to business, schools, and residents. | City of Thompson, Environment/ Sustainability Coordinator | | Immediate | 14.4 tonnes | \$0.00 | Improved local air quality and health of residents |
| P | 4.2.19 Develop and Implement a Reduced Idling Bylaw | The City of Thompson will develop and implement a Reduced Idling bylaw similar to that adopted by the City of Yellowknife in 2008. | City of Thompson | | Immediate | 784.4 tonnes | \$5,000.00 | |
| | 4.2.20 Research the Implication of a Bylaw Restricting the Number of Drive-thru Businesses. | The City of Thompson will adopt a bylaw that restricts the number of drive thru establishments in the City to reduce GHG emissions from idling. | Manager, City of Thompson | | Immediate | To be Determined | \$0.00 | |
| P | 4.2.21 Feasibility Study for the Development and Implementation of an Idling/Drive-thru Purchase Levy. | The City of Thompson should adopt a bylaw requiring all establishments to charge a \$0.25 to \$1.00 levy on each purchase made using the drive-thru. | Manager, City of Thompson, Fire Chief, Environment/ Sustainability Coordinator | | Immediate | To be Determined | \$0.00 | |
| 4.2.4 WATER | | | | | | | | |
| <i>Strategy I. Reduce potable water consumption and waste water effluent through increased awareness, commitment and engagement of the community</i> | | | | | | | | |
| O | 4.2.22 \$50 Dual Flush toilet rebate | To encourage residents and businesses to practice sustainable water conservation techniques, the City will offer to residents a dual flush toilet rebate of \$50.00. | City of Thompson, Environment/ Sustainability Coordinator | Local business community | Immediate | To be Determined | \$10,000.00 | |
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| ○ | 4.2.23 \$15 Rain barrel rebate | To assist and support residents in the switch to a metered water system, the City of Thompson will offer to residents a \$30 rebate on rain barrels. | City of Thompson, Environment/ Sustainability Coordinator | | Immediate | To be Determined | \$3,000.00 | |
| <i>Strategy II. Reduce water and sewage pumping volumes of potable, storm water and sewage systems.</i> | | | | | | | | |
| ○ | 4.2.24 Residential water metering and creation of a water utility | Thompson is currently undertaking the creation of a Water Utility and a citywide residential water-metering program and user pay system to encourage the conservation of water. | Manager, City of Thompson | | Immediate | To be Determined | \$5,000,000.00 | |
| <i>Strategy III. Alternative Wastewater Management Study</i> | | | | | | | | |
| ○ | 4.2.25 Feasibility study of the conversion of the current wastewater management system to a wetland system | The City of Thompson will review the feasibility of wastewater management utilizing a wetland system in the north. | City of Thompson Assets & Infrastructure, Water Utility | | Long Term | To be Determined | | |
| 4.2.5 LAWN CARE AND LANDSCAPING | | | | | | | | |
| <i>Strategy I. To support. Promote and encourage organic lawn care and sustainable landscaping practices</i> | | | | | | | | |
| A | 4.2.26 Annual Awards for sustainable Landscaping and Lawn care | The City will offer an annual award to encourage, support and recognize the efforts of residents who practice sustainable lawn care and landscaping, including xeriscaping and local vegetable gardens. | Communities in Bloom | City of Thompson, Environment/ Sustainability Coordinator | Immediate | To be Determined | \$2,000.00 | Increased civic pride |
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| O | 4.2.27 \$50 Sustainable Lawnmower Rebate | To remove from service as many gasoline-powered lawnmowers as possible the City will offer a \$50 rebate on sustainable lawnmowers. | City of Thompson, Environment/Sustainability Coordinator | Local Retailers | Immediate | 1.2 tonnes | \$6,000.00 | Improved air quality and reduction in noise levels. |
| P | 4.2.28 Review and amend existing landscaping bylaw to support sustainable landscaping practices. | The City will review its current landscaping bylaw to support new trends in sustainable lawn care and landscaping; for example, an environmentally friendly lawn should never be cut lower than 3". | City of Thompson Environment/Sustainability Coordinator, Manager, City of Thompson | | Immediate | To be Determined | \$0.00 | |
| P | 4.2.29 Feasibility study for a bylaw banning synthetic pesticide, herbicide and fertilizer usage | The City will implement a series of test plots as part of a feasibility study regarding the development of a bylaw banning the selling of and the use of synthetic pesticides, herbicides and fertilizers for lawn and garden care. | Thompson Zoo, Recreation Department, City of Thompson Environment/Sustainability Coordinator | Communities in Bloom, volunteers from the community | Immediate | 60.7 tonnes | \$2,500.00 | |
| 4.2.6 WASTE | | | | | | | | |
| <i>Strategy I. Promote the re-use of usable material and divert it from the LGD Waste Disposal Grounds</i> | | | | | | | | |
| A | 4.2.30 Promote local On-Line good exchange mediums such as Facebook, Kijiji and Free Cycle | To keep materials out of the community waste stream that still have value in their life cycle, to increase awareness of such programs within the community and to actively promote their usage. | City of Thompson, Environment/Sustainability Coordinator | Local interest groups | Immediate | To be Determined | \$0.00 | |
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| ○ | 4.2.31 Annual Community Yard or "Boot" Sale at a Mall Parking Lot | The City of Thompson will offer the community an opportunity to engage in an annual event and divert material potentially destined to the landfill. | City of Thompson, Environment/ Sustainability Coordinator | City Centre Mall, local interest groups | Immediate | To be Determined | \$0.00 | |
| <i>Strategy II. Divert organic matter for the LGD Waste Disposal Grounds</i> | | | | | | | | |
| ○ | 4.2.32 Support individual composting initiatives with a \$30 rebate on backyard composters | To reduce the amount of organic waste sent by the residents of Thompson to the LDG Waste Disposal Grounds through promotion of individual composting a \$30 rebate on composters is being offered by the City of Thompson. | Waste Minimization Committee | City of Thompson | Immediate | 25 tonnes | \$8,000.00 | |
| A | 4.2.33 Promotion of Vermicomposting for Restaurants, Apartments, Schools, businesses and the hospital, etc. | Tithe City of Thompson will assist and support, through advertising, workshop development and/or financial assistance, the Thompson Zoo in providing information on the importance of composting and vermicomposting in particular. | Thompson Zoo | City of Thompson, Environment/ Sustainability Coordinator | Immediate | 2.2 tonnes | \$5,000.00 | A deeper understanding of earth processes. |
| ○ | 4.2.34 Composting facility for yard and grass clippings | A municipally run compost facility will be created this spring designed to accommodate yard clippings and grass. | City of Thompson Public Works/ Recreation Department | | Immediate | To be Determined | \$20,000.00 | |
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| <i>Strategy III. Make improvements to the current recycling system, including increased access to recycling services.</i> | | | | | | | | |
| O | 4.2.35 Assist the Thompson Recycling Centre with the Purchase of a Glass Pulverizer to Generate a Marketable Commodity | To address the issue of reducing greenhouse gases associated with the transport of recyclable glass to processing plants down south, Thompson should purchase a glass crusher/pulverizer. | Thomson Recycling Centre | City of Thompson, Environment/ Sustainability Coordinator | Immediate | To be Determined | \$25,000.00 | Material for trail development |
| P | 4.2.36 Review and Implement a Recycling Service Pickup Policy and Fee Schedule with respect to the inclusion of commercial residential tenants. | The City of Thompson will review the Recycling Centre's policy for pickup scheduling and fee rate, especially in contrast to garbage pickup schedule and fees. | Recycling Centre | City of Thompson, Property Managers | Immediate | To be Determined | Not yet determined | |
| <i>Strategy IV. To assess the feasibility of a major waste disposal project.</i> | | | | | | | | |
| O | 4.2.37 Feasibility Study for the Construction of an Anaerobic Digestion Facility for Thompson and its Satellite Communities | Should Thompson become a regional centre for waste disposal, the establishment of a regional anaerobic digestion facility becomes a viable option. Not only could this facility more than adequately deal with waste, it could also produce a source of revenue in fuel sales. | LGD of Mystery Lake | City of Thompson, Assets & Infrastructure | Long | To be Determined | \$50,000.00 | |
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