

# ENVIRONMENTAL PORTFOLIO



2024 Progress Update

# CONTENTS

- Introduction.....2
- Purpose of the Annual Update .....3
- Notable Initiative Updates.....4
- Summary of Changes .....5
  - Additions.....5
  - Moves.....5
  - Removals.....5
- Status of Initiatives .....6
  - Ongoing Initiatives.....6
    - Energy.....7
    - Land.....7
    - Air.....8
    - Water .....8
    - Waste.....8
  - Action Plan Initiatives.....10
    - Initiated in 2024.....10
    - Underway in 2024 .....10
    - Completed in 2024.....10
  - External Initiatives.....12
- Appendix A: Updated Environmental Portfolio .....13

## INTRODUCTION

One of the five themes in the Town of Stony Plain's Municipal Development Plan is Environmental Responsibility. To implement this theme, in 2021 the Town developed its first Environmental Master Plan (EMP) to establish an environmental stewardship vision and policies for Stony Plain. Key goals of the EMP were to provide direction towards greater environmental stewardship, and outline actions to work towards stewardship of the natural environment within the town for current and future generations.

From this work, the Town renewed the Environmental Stewardship Strategy (ESS) in 2021 to establish an implementable action plan to progress environmental goals and achieve the vision identified in the EMP. The ESS includes the Town's Environmental Portfolio, which is a list containing all environmental initiatives that are led by the Town or are planned to take place in the future; each initiative has an overarching goal that implementation would achieve. Initiatives are grouped into the following categories:

- **Ongoing Initiatives** - initiatives that continue to be undertaken by the Town each year;
- **Action Plan Initiatives** - new, higher priority initiatives that can be completed by the Town as capacity and resources are available;
- **Beyond the Action Plan** - actions with merit that are not currently included in the Action Plan or proposed by external parties and can be considered in the future; and
- **External Initiatives** - regional, provincial, or federal actions to be supported by the Town, or undertaken in partnership by the Town and external parties.



# PURPOSE OF THE ANNUAL UPDATE

With the EMP and renewed ESS in place, monitoring and reporting on environmental initiatives is essential to track progress towards environmental goals. This report provides the annual update to the Environmental Portfolio that includes the status of current initiatives and goals, as well as new initiatives that were added to the portfolio, or existing initiatives that moved up or down in priority or were removed from the portfolio based on work done over the year or due to changes in context and decisions by partners.

The 2024 Environmental Portfolio update provides a summary of changes and additions resulting from implementation progress between January and December 2024.

*Appendix A* presents the updated Environmental Portfolio and includes all initiatives and the progress, changes, additions, and removals that resulted in 2024. Major changes are highlighted below by category with specific details to emphasize what is new, trending, or significant for the work that took place in 2024 or is planned for 2025.



## NOTABLE INITIATIVE UPDATES

- **Electric Vehicle Charging Stations** - In 2024 the Town was awarded a \$15,000 grant as part of the ATCO Community Energy fund to purchase and install two electric vehicle charging stations at the new Public Works Building and a publicly available station at the Town Office.
- **MicroHabitat Urban Farm** - The Town continued working with MicroHabitat, an urban agriculture company, operating an urban farm at the Stony Plain Golf Course as part of the Urban Agriculture Plan implementation. Produce grown in the 30 farm pots in 2024 was donated to the Parkland Food Bank.
- **Extended Producer Responsibility Program (EPR)** - Administration is working through the contract for an EPR program. EPR is a waste management model in which a Producer's responsibility for a product is extended to the post-consumer stage of the product's life cycle. Producers are responsible for managing the waste created by goods they produce. Alberta's EPR legislation came into force in November 2022.
- **Recreation Centre** - The new Recreation Centre is targeted to be a net-zero energy building. The building will include a geothermal system for heating and cooling that will also use heat captured from the curling rink ice plant to heat the building. It will also be constructed to be solar panel ready for easy installation later and hot water provision through electric based heaters to transition to these technologies in the future.
- **Public Works Building** - The Public Works building under construction is designed with solar readiness, energy efficiency, LED lighting, and upgraded power service to accommodate electric fleet charging that will support that addition of an Electric Vehicle Charging Station provided through the ATCO grant.
- **Explore New Water Meters** - A Water Meter Replacement Program started in 2024 with a Program Study. Replacement of existing meters is scheduled for 2025-2027 in the 2025-2027 Corporate Plan and work is underway to select the type of meters and installation details.
- **Regional Agricultural Master Plan (RAMP) Implementation** - The Regional Agricultural Master Plan from the Edmonton Metropolitan Region Board (EMRB) as well as Stony Plain's Urban Agriculture Plan have been completed. The Town's Municipal Development Plan was updated in 2024 to incorporate policies and direction on urban agriculture from the RAMP which completes this initiative.

## SUMMARY OF CHANGES

As municipal project work is completed, it is common for opportunities to arise that were not initially contemplated when a project began. As a result, additional initiatives are often added as they are implemented to address current needs and changing priorities related to ongoing projects and capture new opportunities. In other circumstances, initiatives may be removed if they are deemed to be unsuitable or unfeasible, or moved from one category to another if their priority level shifts or the expected timing of completion changes. More often there are small changes to an initiative to revise it based on Town priorities or changes in the general social context, technological changes, or work by partners in the region.

In 2024, there were one addition, no moves and no removal of initiatives in the Environmental Portfolio.

### Additions

There was one initiative added to the Environmental Portfolio in 2024:

**Electric Vehicle Charging Stations** - In 2024 the Town was awarded the ATCO Community Energy Grant to install two electric vehicle (EV) charging stations in town. The addition of EV chargers will make it easier for people to own an electric vehicle, prepare the path for electrifying transportation of personal vehicles, and ultimately help reduce greenhouse gas emissions in the town.

### Moves

There were no initiatives moved within the Environmental Portfolio in 2024.

### Removals

There were no initiatives removed in the Environmental Portfolio in 2024.



## STATUS OF INITIATIVES

The status of all initiatives in the Environmental Portfolio can be found in *Appendix A* under the *2024 Status Updates* column. Each initiative notes whether it is inactive, underway, or complete with brief information about the status.

Information for initiatives advanced in 2024 or where status changed are presented below:

### Ongoing Initiatives

Information on Ongoing Initiatives where there has been a significant change, update, or goal achieved are noted below. Note that because an Ongoing Initiative is not listed below does not mean that it has ceased. All twenty Ongoing Initiatives continue to be undertaken and achieving the goals outlined for them.



## Energy

**Trail LED and Solar Lighting** - the program was launched in 2012 to install six lights per year for three years. Since then, ongoing work and installation has brought the total number of lights to 27. The Town continues to monitor the lighting throughout the town to identify areas of improvement or required replacements. Current solar lighting installed in the town includes:

- 6 solar lights around playgrounds
- 19 solar lights along Whispering Waters Creek from Meridian Heights to Woodlands.
- 10 LED lights at Rotary Park (converted streetlights from Main Street)
- 1 solar LED light at each highway entrance sign

## Land

**Arbour Day** - A favorite annual community event that has taken place since 2010. In 2024 residents and volunteers planted 17 new trees at Brown Street Park. This event was combined with Neighbour Day to celebrate green spaces, neighbourliness, and community.

**Urban Agriculture** - The Town developed the first Urban Agriculture Plan in the region in 2022; stemming from the EMRB's RAMP. Implementation began in 2023.

Work in 2024 included the MicroHabitat Urban Garden that will continue in 2025. Details on the MicroHabitat Urban Garden work include:

- the Town continued working with MicroHabitat, an urban agriculture company, to install and operate an urban farm at the Stony Plain Golf Course;
- 30 temporary urban farming pots were installed and approximately 30 varieties of vegetables, herbs, and flowers were grown;
- produce grown at the farm was donated to the Parkland Food Bank; and
- two free public workshops, (a Maintenance and Harvesting in person workshop and Pollinators and Urban Farming virtual workshop) were held to educate residents about urban farming and help them with their gardening questions.



## Air

**Limit Vehicle Idling** - Community Peace Officers actively respond to instances of air pollution from idling, including one file but zero in person responses to idling complaints.

**Restrict Open Burning** - The Stony Plain Fire Department actively responds to wildland fires (unplanned, uncontrolled, and unpredictable fires), including 31 calls within town limits.

## Water

**Groundwater Filled Skating Rinks** - Groundwater continues to be used for outdoor rinks, except for Centennial which draws from the Glenn Hall Arena.

## Waste

**Recycling and Organics Program** - Through the Town's Recycling and Composting Programs, our community achieved a 48% waste diversion rate with weekly collection, due to 514 tonnes of blue bag material and 1,744 tonnes of organic material being diverted out of 2,457 tonnes of total material collected.

**The Rotary Recycling Centre** - The center continued its electronic waste pilot program, allowing residents to recycle even more types of electronic waste, such as power tools, small kitchen appliances and audio-visual equipment. In total 727 tonnes of recyclable materials, 8 tonnes of organics, and 114 tonnes of waste were collected at the Recycling Centre.

**Pitch-In Week** - Participation this year was great, 32 groups volunteering to help clean up throughout the community.



## Action Plan Initiatives

Action Plan phases are intended to be completed in sequential order; there may however be years where initiatives from other phases are initiated before the previous phase is fully completed. This will occur based on changing priorities or when new opportunities arise.

### Initiated in 2024

**Explore New Water Meters** - A Water Meter Replacement Program started in 2024 with a Program Study. Replacement of existing meters is scheduled for 2025-2027 in the 2025-2027 Corporate Plan and work is underway to select the type of meters and installation details.

**Electric Vehicle Charging Stations** - In 2024 the Town was awarded the ATCO Community Energy Grant to install two EV charging stations in town. The addition of EV chargers will help make it easier for people to own an electric vehicle, prepare the path for electrifying transportation of personal vehicles, and ultimately help reduce greenhouse gas emissions in the town. It has been added as a new Phase 3 Action Plan initiative.

### Underway in 2024

**Small Scale Urban Gardening** - The Town enlisted MicroHabitat, an urban agriculture company, to install and operate an urban farm at the Stony Plain Golf Course. Produce grown at the farm was donated to the Parkland Food Bank. This work is also noted in the ongoing Urban Agriculture Initiative.

**Greenspace Plan** - Work is ongoing to develop this plan.

### Completed in 2024

**Explore solar infrastructure on new Town buildings** - The new Recreation Centre and the Public Work Building both include solar readiness in the designs so solar can be easily added in the future.

**Regional Agricultural Master Plan Implementation** - The RAMP from the EMRB as well as Stony Plain's Urban Agriculture Plan have been completed. The Town's Municipal Development Plan was updated in 2024 to incorporate policies and direction on urban agriculture from the RAMP.



TABLE 1: ACTION PLAN PROGRESS

Action Plan Phase	Initiatives Underway	Initiatives Completed	Completion
1	1/8	5/8	63%
2	1/8	1/8	13%
3	2/6*	2/6*	33%
4	1/2	0/2	0%
5	0/2	0/2	0%
<b>TOTAL PLAN</b>	<b>6/26</b>	<b>7/26</b>	<b>27%</b>

\*The 2023 Environmental Portfolio Progress Update incorrectly showed 4 initiatives for Phase 3 instead of 5, which should have been shown with Purchase of Electric Vehicles added to Phase 3 that year. This year with the Electric Vehicle Charging Stations also added to Phase 3 the total initiatives in Phase 3 is now 6.





## External Initiatives

Town staff continued to represent Stony Plain on the Capital Region Municipal Sustainability Group, Edmonton Energy Transition Learning Network, Edmonton Region Waste Advisory Committee, and various EMRB collaboratives. These groups foster productive collaboration across the Capital Region and ensure alignment with current regional initiatives. Staff also participate in external initiatives through specific projects coordinated by other levels of government, such as Alberta's new extended producer responsibility work.

**Tri-Municipal Waste Commission** - Regional discussions continues on a waste commission; Town staff participating in regional groups regarding waste and a regional waste commission include:




- EMRB Solid Waste Collaborative to support this work, which included development of a Solid Waste Data Strategy to better define governance structure and determine how stakeholders can continuously improve data and manage data flow together; and
- EMRB Regional Organics Collaborative including participation in stakeholder engagement sessions to present the Town's current organic waste management programs and thoughts from the Town on how the region could better manage organic waste, which is the first step in the EMRB process to create a Regional Organics Strategy.

**Extended Producer Responsibility Program** - EPR was added in 2023 as an implementation of the Provincial Government legislation passed in 2022. EPR is a waste management model in which a producer's responsibility for a product is extended to the post-consumer stage of the product's life cycle. Producers are responsible for managing the waste created by goods they produce. Alberta's EPR legislation came into force in November 2022. Administration reviewed the program and registered the Town to participate in the first intake in 2024. Work to determine what the EPR program would look like, levels of service, and the contract for waste management in the future is under negotiation and expected to continue in 2025.

**Adopt a Single-use Plastic Legislation** – In consideration of recent trends of other jurisdictions pursuing actions towards reducing single-use plastics, the Town looked towards the provincial government for direction regarding the adoption of single-use plastic legislation. The provincial government has not pursued this type of legislation and as such, this initiative in consider to be complete.

**Investigate Options for Recycling Styrofoam and Glass** - The Town is exploring the possibility of recycling these materials under the new EPR program.

## APPENDIX A: UPDATED ENVIRONMENTAL PORTFOLIO

Initiative	Description	Supported Goal	2024 Status Update
<b>ONGOING INITIATIVES</b>			
	LED Traffic Light Replacement Program	Replace older non-energy-efficient traffic lights with modern LED lighting	<i>Establish the Town's corporate GHG emissions and determine an achievable emissions reduction target.</i>
	Trail Solar Lighting	Implement solar lighting along trails.	<i>Promote and implement renewable Energy.</i>
	Arbour Day	Plant trees in under vegetated areas each year to promote the health of the urban forest.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>
	Urban Agriculture	Promotion and creation of urban agriculture activities throughout the Town.	<i>Contribute to regional food security initiatives.</i>
	Limit Vehicle Idling	Limit vehicle idling in the Traffic Bylaw to less than 30 minutes, unless exempted.	<i>Establish and maintain bylaws and monitoring systems to minimize air pollution.</i>
	Restrict Open Burning	Prevent the burning of materials that contribute to	

Initiative	Description	Supported Goal	2024 Status Update
	pollution through the Open Burning Bylaw.		(agricultural fringe areas) and responded to 31 wildland fire calls within town limits.
Air Monitoring Station	View real time data on air quality in the town through the air monitoring station.		<b>ONGOING</b> Ongoing data collection.
Tri-Municipal Rain Barrel Sale	Offer rebates on rain barrels at the annual Rain Barrel Sale to incentivize reuse of rainwater.	<i>Reduce stormwater runoff.</i>	<b>ONGOING</b> Rain barrel sale was held.
Heritage Park Pavilion Water Collection	Collect and reuse of water on-site to reduce water consumption for grounds maintenance at Heritage Park.		<b>ONGOING</b> Water collected continues to be used for grounds and maintenance applications.
Groundwater Filled Skating Rinks	Use groundwater instead of treated municipal water when filling skating rinks to reduce water consumption.	<i>Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>ONGOING</b> Groundwater continues to be used for outdoor rinks, except for Centennial which draws from the Glenn Hall Arena.
Safe Hydrant Flushing	Use dichlorination pucks when flushing fire hydrants to protect stream courses and stormwater management facilities.	<i>Protect and improve stormwater quality.</i>	<b>ONGOING</b> All hydrant flushing continues to be dechlorinated before entering the stormwater system.
Recycling and Organics Program	Collect municipal recycling and organics alongside waste collection.	<i>Achieve 70% waste diversion from landfills by 2030.</i>	<b>ONGOING</b> 514 t of blue bag material 1,744 t of organic material 2,457 t of residential waste material collected.



Initiative	Description	Supported Goal	2024 Status Update
			Resulting in a 48% diversion rate for non-waste materials collected through curbside pick-up.
Rotary Recycling Centre	Provide a place for residents to drop off recyclables that are not accepted through regular curbside pick-up.		<b>ONGOING</b> 727 t of blue bag material, 8 t of organics Collected.
Shred-It Event	Provide residents and business owners with an easy and accessible opportunity to recycle sensitive documents.		<b>ONGOING</b> 111 residents attended resulting in 3,700 lbs of paper shredded.
Recycle Coach App	Educate residents on what household materials are recyclable.		<b>ONGOING</b> 4,304 users 25 new users
Concrete Recycling	Recycle concrete waste that is not useable.		<b>ONGOING</b> Clean, rebar free concrete is accepted to the Town year-round, and is crushed and recycled every ten years
Christmas Tree Drop-Off	Allow residents to drop-off Christmas trees at the Rotary Recycling Centre.	<i>Encourage community awareness and action on waste management.</i>	<b>ONGOING</b> Annual Christmas tree collection was provided to the community in January 2025.
Treasure Hunt & Large Item Drop-Off	Recycle large items on the curb and allow other residents to collect them.		<b>ONGOING</b> Continues to be a successful event for rehousing used items and diverting them from the landfill.



Initiative	Description	Supported Goal	2024 Status Update
Pitch-In Week	Collect garbage with community members to reduce the amount of litter in the town.		<b>ONGOING</b> 32 groups volunteered for Pitch-In Week 2024 to help clean up throughout Town.
Expand the 'Don't Just Trash It' campaign	Expand the 'Don't Just Trash It' campaign to educate residents on proper waste management.		<b>ONGOING</b> Social media campaign ran all year and is scheduled to continue in 2024.

**ACTION PLAN (PHASE 1)**

Gather Municipal Building Energy Consumption Data	Track and monitor the energy consumption of municipal buildings to understand municipal energy consumption.	<i>Establish the Town's corporate GHG emissions and determine an achievable emissions reduction target.</i>	<b>COMPLETE</b> Municipal Energy Manager conducted energy audits for five municipal sites; new initiative proposed to complete recommendations from this work.
Explore Solar Infrastructure on New Town Buildings	Explore solar infrastructure opportunities on the new recreation facility and Public Works building.	<i>Promote and implement renewable energy.</i>	<b>COMPLETE</b> Public Works building design incorporates solar readiness, energy efficiency, LED lighting, and a charger for electric fleet charging. The design for the new Recreation Centre includes ground source heat pumps and infrastructure to install solar panels and electric hot water in the future to target net-zero operation.





Initiative	Description	Supported Goal	2024 Status Update
Parks and Open Space Guidelines	Establish guidelines and standards for the acquisition, development, and management of parks and open spaces.		<b>COMPLETE</b> Guidelines have been created and are available to the public.
Greenspace Plan	Develop a greenspace plan to establish a green network that creates and specifies categories for different types of greenspaces, identifying suitable uses and management practices for each category.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>UNDERWAY</b> Greenspace Analysis took place in 2024. Further work is needed to develop a plan stemming from this analysis.
Urban Forest Management Plan	Develop an Urban Forest Management Plan to manage and monitor urban forest health.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Urban Forest Strategy scheduled for 2026 in the 2024-2026 Corporate Plan.
Arbour Day Corporate Sponsorship	Seek corporate sponsorships for Arbour Day to increase tree planting capacity.		<b>INACTIVE</b> Expected to commence once a Urban Forest Strategy is complete.
Explore Urban Agriculture Feasibility	Explore urban agriculture opportunities such as backyard beekeeping and chickens.	<i>Contribute to regional food security initiatives.</i>	<b>COMPLETE</b> Creation of the Urban Agriculture Plan (UAP) has explored the feasibility of urban agriculture types. Specific initiatives being implemented from the UAP will be added to the Environmental Portfolio, when appropriate.




Initiative	Description	Supported Goal	2024 Status Update
Create an Environmental Webpage and Online Brochure	Create a webpage and online brochure educating residents on environmental topics and initiatives (energy-efficiency upgrades, provincially regulated invasive species, solar, etc.)	<i>Promote and implement renewable energy. Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>COMPLETE</b> Environmental Stewardship webpage is live on the Town website

**ACTION PLAN (PHASE 2)**




Town Vehicle Fuel Efficiency Policy	Amend the Town Vehicle Policy to incorporate criteria for fuel efficiency and electric vehicles where it makes sense.	<i>Establish the Town's corporate GHG emissions and determine an achievable emissions reduction target.</i>	<b>INACTIVE</b> Not started.
Town Building Solar Energy Policy	Develop a solar energy policy for Town-owned buildings to encourage the use of solar infrastructure.	<i>Promote and implement renewable energy.</i>	<b>INACTIVE</b> Not started.
Municipal Energy Manager Program		<i>Establish the Town's corporate GHG emissions and determine an achievable emissions reduction target.</i>	<b>COMPLETE</b> Position was filled and work was conducted in 2022.
Trails Master Plan Update	Update the Trails Master Plan to incorporate findings of the Active Transportation Strategy.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Not started.
Environmentally Significant Area Study	Conduct an environmentally significant area study in the Future Development District.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Not started.




Initiative	Description	Supported Goal	2024 Status Update
Explore Expanding Community Gardens	<i>Explore new and expansions to existing community gardens through local partners such as the Multicultural Heritage Centre.</i>	<i>Contribute to regional food security initiatives.</i>	<b>INACTIVE</b> Not started.
Small-scale Urban Gardening	<i>Work with urban farming experts to use underutilized Town land for urban garden plots.</i>	<i>Contribute to regional food security initiatives.</i>	<b>UNDERWAY</b> MicroHabitat Urban Farm started in 2023 and will continue until 2025.
 Rotary Park Well for Skating Rinks and Watering	<i>Drill a new well at Rotary Park to use groundwater to fill the skating rink and for general watering for landscaping.</i>	<i>Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>INACTIVE</b> Not started.



### ACTION PLAN (PHASE 3)





 Solar Feasibility Study	<i>Conduct a solar feasibility study to understand what areas of the town are most suitable for solar opportunities.</i>	<i>Promote and implement renewable energy.</i>	<b>INACTIVE</b> Not started.
Implement Energy Saving Recommendations in Municipal Buildings	<i>Implement recommendations from the Municipal Energy Manager to reduce municipal building energy consumption</i>	<i>Establish the Town's corporate GHG emissions and determine an achievable emissions reduction target</i>	<b>UNDERWAY</b> More than 40 lighting fixtures across all Town properties were changed from fluorescent to LED in 2023 as part of the facilities maintenance program.
Purchase of Electric Vehicles	<i>The Town purchase electric vehicles as a supplement or to replace the existing fleet.</i>	<i>Promote and implement renewable energy.</i>	<b>COMPLETE</b> Purchase of two electric vehicles in 2023.



	Initiative	Description	Supported Goal	2024 Status Update
	Installation of Electric Vehicle Chargers*	Install electric vehicle chargers at the Public Works Building and a public location.	<i>Promote and implement renewable energy.</i>	<b>UNDERWAY</b> The Town received a grant in 2024 for the purchase and installation of two electric vehicle chargers at the Public Works building and Town Office.
	Tree Planting Program for Local Groups	Working with local groups on tree reforestation opportunities on municipal land.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Not started.
	Regional Agricultural Master Plan (RAMP) Implementation	Support the creation, implementation, and realization of the RAMP.	<i>Contribute to regional food security initiatives.</i>	<b>COMPLETE</b> Stony Plain participated the creation of the RAMP which was approved in August 2021. An update to the Town's MDP incorporated RAMP in 2024.

**ACTION PLAN (PHASE 4)**

	Willow Park Natural Area Revegetation	Revegetate barren and maintained portions of Willow Park Natural Area.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Not started.
	 Explore New Water Meters	Increase water conservation opportunities with new water meters.	<i>Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>UNDERWAY</b> Water Meter Replacement Program started in 2024 with a Program Study. Replacement with new meters scheduled for 2024-2026 in the 2024-2026 Corporate Plan.

Initiative	Description	Supported Goal	2024 Status Update
<b>ACTION PLAN (PHASE 5)</b>			
 Water Use Study	Conduct a water use study to create and implement a water conservation strategy.	<i>Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>INACTIVE</b> Not started.
 Develop a Rebate Strategy	Develop a rebate strategy for rebate opportunities around energy and water consumption.	<i>Promote and implement renewable energy. Establish municipal and community water consumption levels and determine an achievable water consumption reduction target.</i>	<b>INACTIVE</b> Not started.
<b>EXTERNAL</b>			
 Edmonton Metropolitan Region transit system	Work with regional transit partners to provide a regional transit network.	<i>Promote and implement alternative transportation modes.</i>	<b>COMPLETE</b> EMRB Regional Transit Commission disbanded. Town will continue to partner and operated in the tri-region.
 Tri-Municipal Waste Commission	Promote regional collaboration and explore regional waste opportunities.	<i>Achieve 70% waste diversion from landfills by 2030. Achieve 70% waste diversion from landfills by 2030.</i>	<b>UNDERWAY</b> Regional discussions continue, no specific action identified.
Residential Waste Audit	Conduct a residential waste audit to understand current community waste diversion rates.		<b>COMPLETE</b> An audit was completed in 2022 by Green For Life, the Town's waste contractor with a report prepared.

Initiative	Description	Supported Goal	2024 Status Update
Investigate Options for Recycling Styrofoam and Glass	Investigate recycling opportunities of Styrofoam and glass to encourage waste diversion.		<b>UNDERWAY</b> Stony Plain is exploring the possibility of recycling these materials under the new EPR program.
Adopt a Single-use Plastic Legislation*	Adopt a single-use plastics legislation to reduce production of single-use plastic waste and encourage reusable materials.		<b>COMPLETE</b> The Town sought provincial direction on this matter; no action was taken by the provincial government.
Extended Producer Responsibility Program	Explore and consider participation in Extended Producer Responsibility (EPR) program introduced by the Provincial Government in 2022		<b>UNDERWAY</b> The Town has registered with the EPR program and is working to setup collection.

#### BEYOND ACTION PLAN



Conduct Community Energy Audit	Conduct a community energy audit and develop a baseline of community GHG emissions to develop feasible reduction targets.	Establish the Town's community GHG emissions and determine an achievable emissions reduction target.	<b>INACTIVE</b> Not started.
Explore Enhanced Native and Edible Vegetation Planting	Explore incorporating more native and edible tree and shrub species when planting on Arbour Day.	<i>Promote the conservation and enhancement of natural ecosystems and urban forests.</i>	<b>INACTIVE</b> Not started, expected to start with the adoption of an Urban Forest Strategy.
Join the Alberta Capital Airshed	Join the Alberta Capital Airshed to learn more about promoting and ensuring safe air quality in the community.	<i>Educate the community on air quality issues.</i>	<b>INACTIVE</b> Not started.



Initiative	Description	Supported Goal	2024 Status Update
Establish a Fine Particulate Matter Sensor Station	Partner with the Alberta Capital Airshed to establish and monitor for fine particulate matter to mitigate air pollution.	<i>Establish and maintain bylaws and monitoring systems to minimize air pollution.</i>	<b>INACTIVE</b> Not started.
Launch Anti-idling Campaign	Launch an anti-idling campaign to encourage less vehicular idling.	<i>Educate the community on air quality issues.</i>	<b>INACTIVE</b> Not started.
Conduct a Noise Acoustic Study	Conduct a noise acoustic study alongside Highways 16A, 628, and 779, and the CN Rail line to implement noise control improvements.	<i>Collect quantitative data on noise pollution and implement mitigative measures.</i>	<b>INACTIVE</b> Not started.
Introduce Quantitative Noise Prohibitions	Amend Community Standards Bylaw to include quantitative noise prohibitions.		<b>INACTIVE</b> Not started.
Monitor for Total Suspended Solids in Stormwater Discharge	Monitor and understand the current amount of total suspended solids in stormwater discharge.	<i>Protect and improve stormwater quality.</i>	<b>INACTIVE</b> Not started.
Conduct a Road Salt Study and Create a Salt Management Plan	Conduct a road salt study to understand salt use in the Town and create a salt management plan to protect waterways		<b>INACTIVE</b> Not started.
Increase Vegetation Adjacent to Stormwater Management Systems	Increase vegetation in stormwater management retention and detention ponds, and on the riparian areas of creeks in Stony Plain.		<b>INACTIVE</b> Not started.





Initiative	Description	Supported Goal	2024 Status Update
Explore Salvageable Construction Scraps	Designate land where salvageable construction scraps can be reused and recycled.	<i>Achieve 70% waste diversion from landfills by 2030.</i>	<b>INACTIVE</b> Not started.

*\* denotes initiatives that have been revised, added, moved or removed in 2024*