



Climate Action and Environmental Stewardship Conducted by The Manitoba Métis Federation – The National Government of the Red River Métis

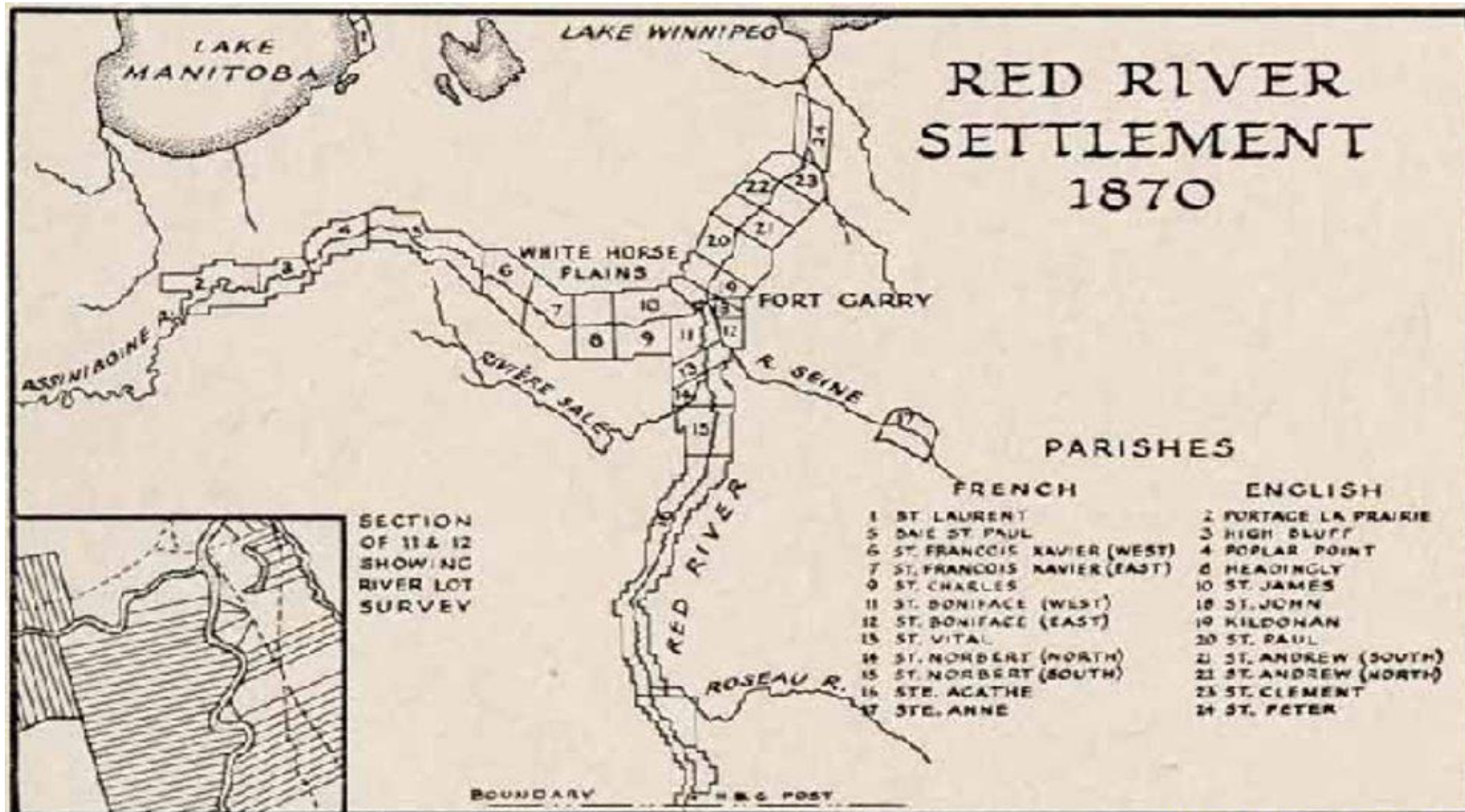
**Kevin Wasylenko Green Initiatives Coordinator
Energy, Infrastructure, and Resource Management Department**

What is the Manitoba Métis Federation?



- The Manitoba Métis Federation is the democratic representative body of the Red River Métis, having the mandate for providing responsible and accountable self-government through its governance systems and institutions as set out in the Manitoba Métis Constitution, including applicable laws, policies, procedures, practices, customs, and traditions.

Birthplace of the Red River Métis People



Courtesy of Provincial Archives of Manitoba.

www.vivaorange.com



The Manitoba Métis Federation's – Tree Planting Initiative “Make Our Homeland Green Again”



The Manitoba Métis Federation's – Tree Planting Initiative “Make Our Homeland Green Again”



- The Objectives of the MMF's Tree Planting Initiative are:
 - Increase food sovereignty in rural and northern communities, through the installation of fruit bearing trees and shrubs.
 - Mitigate flooding and high wind event frequency on Citizen owned lands.
 - Connect Red River Métis Citizens back to the land, through horticultural-based workshops and activities.
 - Bring Red River Métis communities together through tree planting events.

The Manitoba Métis Federation's – Tree Planting Initiative “Make Our Homeland Green Again”



- The Tree Planting Initiative is divided into 5 sub-categories:
 - Citizen Yard Improvement Stream – Small scale planting projects to increase the natural beauty of Red River Métis Citizen lands leading to increased wellness.
 - Riparian Area Restoration Stream – The installation of deep, fibrous rooting trees and shrubs, to reduce soil erosion along bodies of water.
 - Wildlife Habitat Reforestation Stream – Selective plantings to increase wildlife habitat and support populations of pollinators, small mammals, and birds.
 - Edible Forest Stream – Providing fruit bearing trees and shrubs to Red River Métis Citizens to increase food security and provide resources for traditional recipes and processing.
 - Shelterbelt Stream – The installation of shelterbelt rows with the objective of providing windbreaks to lower soil erosion and snow drift formation during winter months.





The Manitoba Métis Federation's – Tree Planting Initiative Horticultural-Based Workshops



- Horticultural-Based Workshops focus on the following objectives:
 - Community engagement by bringing Citizens, elders, and youth together.
 - Encourage participation in tree planting by providing skills and insight into best practices.
 - Provide youth with the opportunity to learn about horticulture and build a greater understanding of the surrounding ecosystem, including our role as stewards.
 - Education plays a vital role in the success of the Tree Planting Initiative



The Manitoba Métis Federation's – Tree Planting Initiative Seine River Restoration



- Collaborative project with the Save Our Seine organization.
- Identify and remove invasive species ravaging the Seine River ecosystem. (Burdock & Buckthorn)
- Removal of trash, debris, and deadwood along the Seine River.
- Restorative tree and shrub plantings in areas that have seen biodiversity loss due to the establishment of invasive species.



The Manitoba Métis Federation – Marlene Street Park Community Planting Event



- Collaborative project with the Save Our Seine organization.
- Red River Métis Citizens and community members took part in a trash cleanup of Marlene Street Park before the initial planting event.
- Hundreds of trees and shrubs were installed throughout the park to support the Seine River ecosystem.







The Manitoba Métis Federation – The Red River Métis Tree Nursery



- The facility is in the construction phase, with a focus on hiring Red River Métis contractors and tradespeople to support the project.
- Once the Red River Métis Tree Nursery moves into the first production stage it will have the capacity to produce two million tree seedlings per year.
- Includes an emphasis to utilize locally sourced tree seed, to ensure that the trees grown in the greenhouse are suitable to Manitoba's various regions.
- Increases industry and economic activity within the Interlake Region of Manitoba.
- Includes industry leading green technology to lower emissions created during tree production, resulting in a more sustainable manufacturing process.
- Career and technical training opportunities leading to long term meaningful employment.
- Capacity for research and development of native plant species.

The Manitoba Métis Federation – Red River Métis Tree Nursery



**RED RIVER MÉTIS
TREE NURSERY**



Resilient Agriculture Landscape Program – Red River Métis Tree Nursery Shelterbelt



- The Red River Métis Tree Nursery Shelterbelt was funded by the Province of Manitoba through Agricultural Manitoba's Resilient Agriculture Landscape Program.
- During 2024, a 600 linear foot three-tiered shelterbelt has been installed along the northern perimeter of the Red River Métis Tree Nursery.
- Red River Métis summer students participated in the planning, surveying, and installation of the shelterbelt over the summer months.
- Ten native tree and shrub species were implemented to support local wildlife, pollinators, and provide aesthetic landscape features for all four seasons.
- The MMF plans to expand the current shelterbelt and continue to plant trees throughout the property.

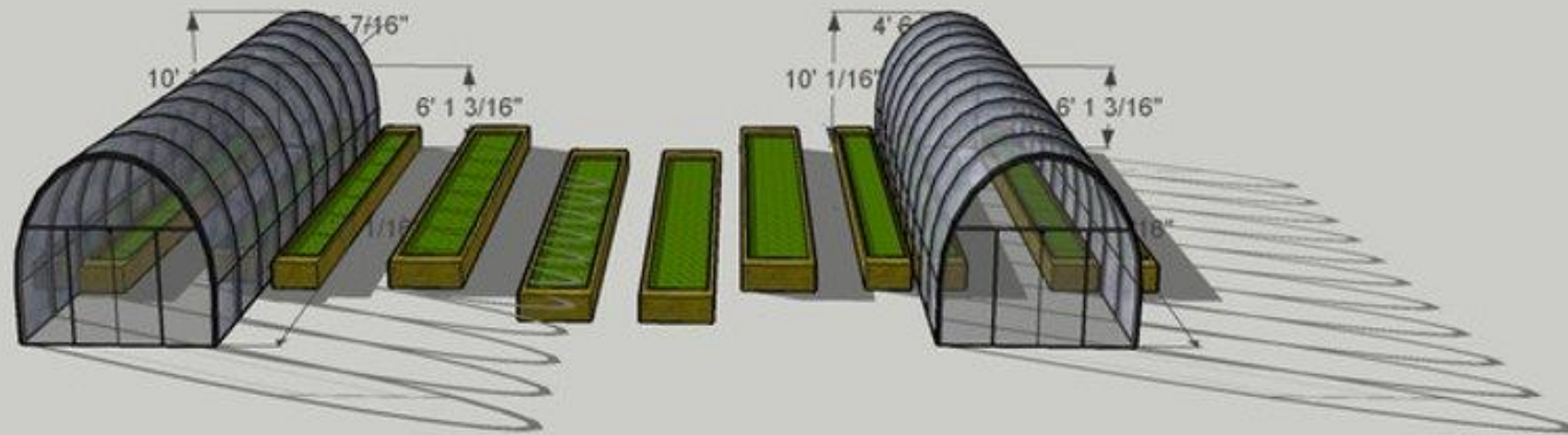


The Manitoba Métis Federation's – Food Security Initiative



- The Manitoba Métis Federation's Food Security Initiative aims to address food insecurity through the establishment of a network of food security greenhouses across the MMF's seven Regions.
- Support Red River Métis Citizens facing food insecurity or struggling with the current cost of healthy nutritious food sources.
- The food security initiative focuses on traditional practices, knowledge building, and education for youth creating an intergenerational learning experience.

The Manitoba Métis Federations – Food Security Initiative









**LAND-BASED
EDUCATION**



**STEWARDSHIP
ACTIVITIES**



TRAINING



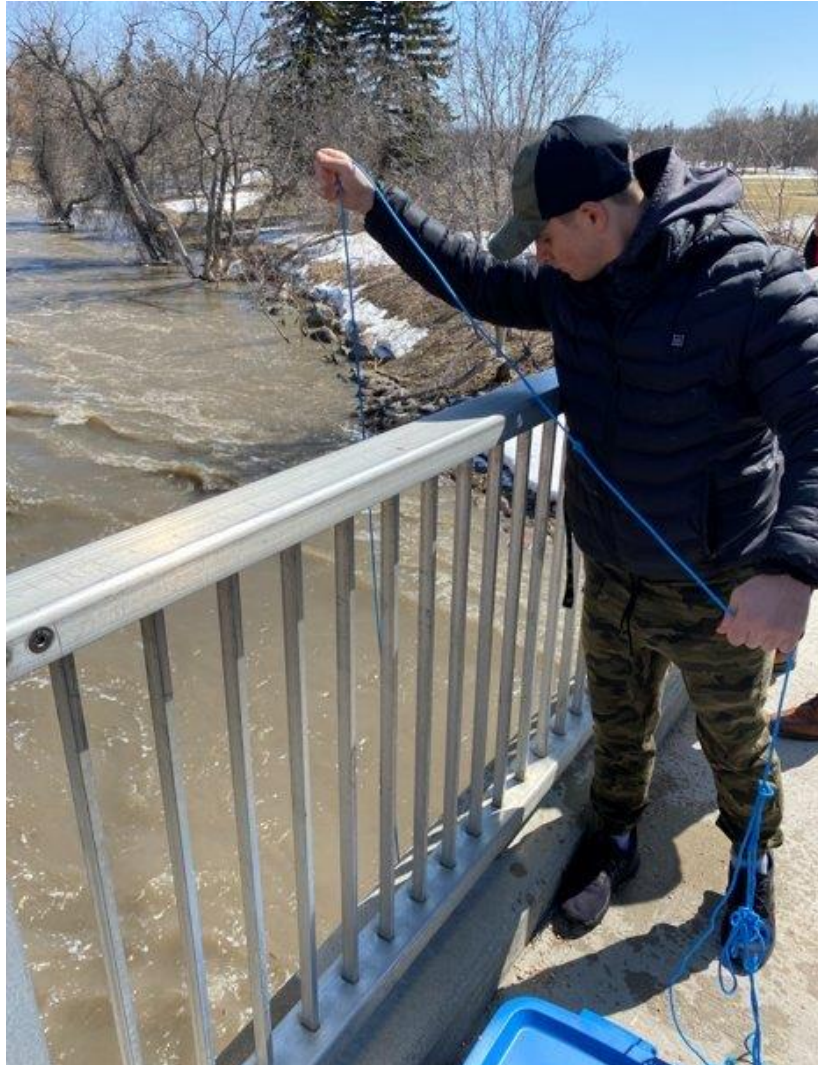
RED RIVER MÉTIS

STEWARDS OF THE HOMELAND

The Red River Métis Stewards of the Homeland Program (RRM SOHP) actively works to conserve, protect, and restore the National Homeland of the Red River Métis for the continued prosperity of the environment – the land and waters in which Red River Métis rely on for livelihood and sustenance.

CONSERVE. PROTECT. RESTORE.

Red River Métis Community-Based Monitoring Program

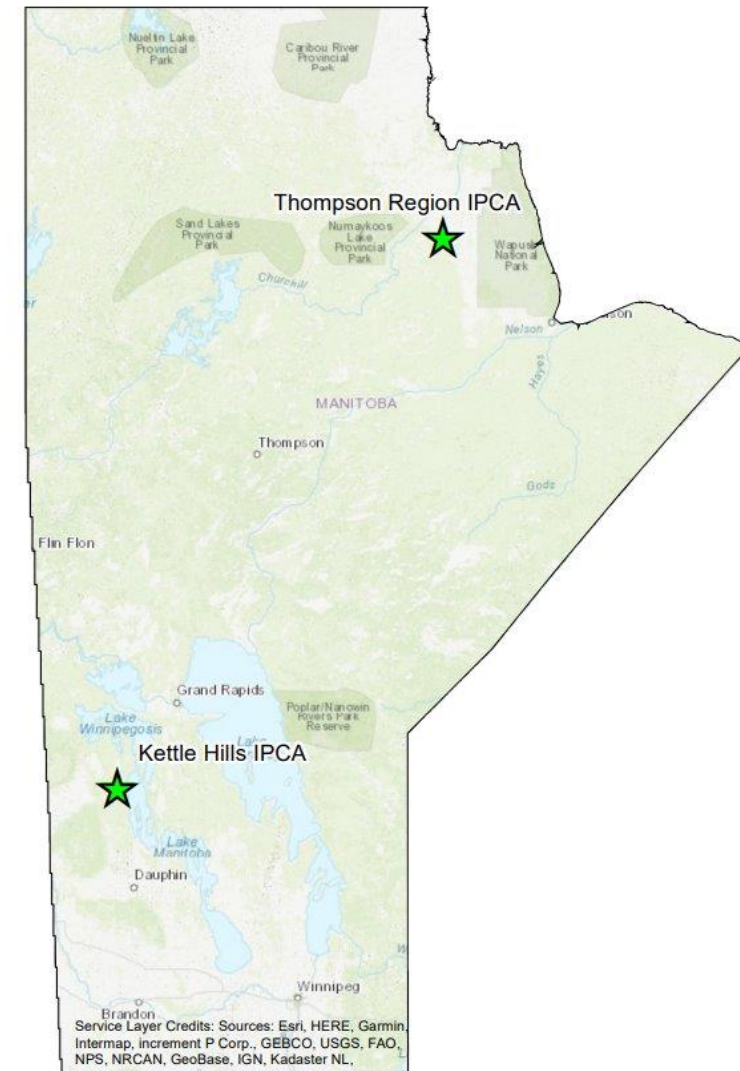


Red River Métis Proposed Protected & Conserved Areas (IPCA)



- **Kettle Hills Blueberry Patch Proposed IPCA**
- Located within Manitoba's Lowlands
- Referred to as the Red River Métis Breadbasket
- The proposed IPCA holds 6.55 Gigatonnes of carbon held in the soil.

- **Thompson Region Proposed IPCA**
- Located within Manitoba's Transition Forest
- An area where three different populations of caribou overlap
- The proposed IPCA holds 0.54 Gigatonnes of carbon held in the soil.







Thank you Maarsii!



**Energy
Infrastructure
& Resource Management**

