

**Back Haul Project
Management of Stewardship Material in Northern Manitoba Remote First
Nation Communities**

May 2021



Mixed Load - Scrap Tires, Used Oil, Electronics

Producer Responsibility Organization (PRO) Groups:

- **Canadian Battery Association**
- **Call2Recycle**
- **Electronic Products Recycling Association**
- **Heating Refrigeration and Air Conditioning Institute of Canada**
- **Health Products Services Association**
- **Manitoba Association for Resource Recovery Corp.**
- **Multi-Material Stewardship Manitoba Inc.**
- **Product Care Association of Canada**
- **Recycle My Cell**
- **Tire Stewardship Manitoba**

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Disclaimer

This Report is intended to provide a summary of the Back Haul Project completed between July 2020 and March 2021 by the PRO's. No part of this Report may be reproduced, in any form or in any means without written permission of the PRO's. The PROs accept no liability, or responsibility, for any damages incurred by any third party as a result of use of, or any decision made based on, this Report.

Back Haul Project Management of Stewardship Material in Northern Manitoba Remote First Nation Communities

KEY MESSAGES:

- PRO's have demonstrated a successful Program Delivery Model for removing Stewardship Material from remote communities
- Including Non-Stewardship Material in back haul loads can decrease transportation costs and help communities achieve broader waste diversion goals
- The second full year of the project confirms that the Model requires a full system approach with multiple components linked and working in concert
- Remote First Nation Communities continue to require key supports to fulfill critical steps of collecting, packing, storing and loading material

OVERVIEW

Building on the Pilot Project successes, from July 2020 to March 2021 an expanded Back Haul Project (the project) for the Removal of Stewardship Material (material) from Northern Manitoba Remote First Nation Communities (communities) was carried out. In two community's non-stewardship material was included as part of back haul shipments. In all cases the material had been diverted from landfill disposal or collected during community cleanup projects including projects to address accumulations of derelict vehicles and white goods and appliances.

The communities that participated in the Project are: Barren Lands First Nation, Bunibonabee Cree Nation, God's Lake First Nation, Garden Hill First Nation, Northlands Denesuline Nation, Sayisi Dene First Nation, St. Theresa Point First Nation and Wasagamack First Nation.

In Manitoba, Producer Responsibility Organizations (PRO's) have been established to operate programs that manage designated material that is diverted from landfill disposal. Ten PROs took part in the project: Canadian Battery Association, Call2Recycle, Electronic Products Recycling Association, Health Products Stewardship Association, Heating Refrigeration and Air Conditioning Institute of Canada, Manitoba Association for Resource Recovery Corp., Multi-Materials Stewardship Manitoba Inc., Recycle My Cell, Product Care Recycling and Tire Stewardship Manitoba.



Scrap Tires



Electronics

PROJECT GOALS

The over-arching goal of the project was to enhance the model to efficiently remove material from remote communities during the winter road season. In addition to the five communities that participated in the Pilot Project, an additional three communities were added from a list provided by Indigenous Services Canada (ISC). The communities nominated were deemed most ready to participate in the project due to efforts to divert recyclable material from landfill disposal or work on reducing End of Life Vehicle (ELV) or other scrap metal stockpiles.

The project continued to be a learning process for all stakeholders but confirmed that a collaborative approach to safely collect, package, store, stage and remove material from the communities and transport it to processing facilities in Winnipeg.

A key enhancement to the 2020/21 Project was increased levels of supplies sent to each community in order to improve the capacity for the community workers to collect, pack, store and stage material for removal. Referred to as the head haul, 31 pallets of various supplies were sent to the 8 participating communities. Supplies included: safety equipment, drums, bags and boxes, shrink wrap, strapping supplies and tools.

COVID 19 had a significant impact on the project in 2020/21. In addition to preventing on site visits, each community experienced outbreaks of the virus and lockdowns and restrictions limiting the collection of materials. Despite the restrictions, project partners in each community were able to collect and pack some stewardship material and 3 communities were able to stage and load material for a total of 6 truck loads for back haul. In addition, two communities were able to arrange their own back haul of a limited amount of residential recycling. The total amounts of stewardship and non-stewardship materials collected, stored and removed is detailed in the table.

CONCLUSIONS

Overall, the 2020/21 project can be considered a success: six truckloads of stewardship and non-stewardship material were removed from the communities, representing material from 6 PRO programs and 2 non-stewardship products. Moreover, each truck tended to be packed with more material than in the 2019/20 project.



Used Oil Drums / Empty Pails



Latex Paint Pails



Non-Stewardship Cylinders



Loading Truck in Community

	Used Oil	Used Oil Filters	Used Oil Containers	Electronics	Lead Acid Batteries	Scrap Tires	HHW	Fluorescent Lights	Residential Recycling	Household Batteries	Non-Stewardship Appliances and White Goods	Non-Stewardship Compressed Gas Cylinders	Non-Stewardship Plastic
Barren Lands	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	53 Stockpiled in community	N/A 2021	N/A 2021	1 tote bag + stockpile in community	N/A 2021	Stockpile in community	N/A 2021	N/A 2021
Bunibonibee	0	0	0	1	0	123	231, 20 litre paint pails	0	0	0	16 washing machines + stockpile in community	0	0
Garden Hill	4 stockpiled in community	0	0	0	1	100 stockpiled in community	0	0	0	0	0	0	0
God's Lake	13 stockpiled in community	0	35 bags stockpiled in community	0	2	115 stockpiled in community	0	0	2 tote bags stockpiled in community	1 box stockpiled in community	Stockpile in community	0	0
Northlands	N/A 2021	Some stockpiled in community	Some stockpiled in community	2 -3 pallets stockpiled in community	1 pallet stockpiled in community	110 Stockpiled in community	Some HHW stockpiled in community	N/A 2021	1 tote bag + stockpile in community	N/A 2021	N/A 2021	N/A 2021	N/A 2021
Sayisi Dene	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	Stockpile in community	N/A 2021	N/A 2021	N/A 2021	N/A 2021
St. Theresa Point (4 truck loads)	79 drums	2 drums	160 pails + 4 bags of 4 litre jugs	6	6	2848	1 drum camp stove propane	4 boxes	1 tote bag	0	0	96 BBQ and 36, 4-foot Cylinders	3 tote bags of plastic jugs (road dust chemical)
Wasagamack	10	1 drum	4 super bags of 4 litre jugs and 160, 20 litre pails	1	1	568	1 drum aerosol containers	0	0	0	0	0	0
Totals of Material Removed in 2021	89 drums	3 drums	10 bags of 4 litre jugs + 320, 20 litre pails	7 pallets	8 pallets	3639 tires	231, 20 litre pails	0	3 tote bags	0	16 washing machines	132 cylinders	3 tote bags

Boxes highlighted in Yellow indicate material that is stockpiled in the community but was not removed during the 2021 back haul.

Reasons for material not being removed include: New to Back Haul Program (Barrenland, North Land, Sayisi), Covid Restrictions (God's Lake), insufficient material to justify a truck (Garden Hill), not enough time to load the truck (Bunibonibee) and not enough room on the truck to take all stockpiled material (St. Theresa Point and Wasagamack)

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