

2022

PORTAGE LA PRAIRIE REGIONAL LANDFILL



Robert Pohl

Year End Report

12/31/2022

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1. INTRODUCTION

This annual report covers the period from January 1, 2022 to December 31, 2022 and has been prepared in accordance with our Environmental Act Licence No. 3278. The licence was issued August 30, 2018 in accordance with the Environment Act (C.C.S.M. c. E125) under the direction of Manitoba Sustainable Development. The Portage la Prairie Regional Landfill operates as a Class 1 Waste Disposal Ground under the Manitoba Environment Act.

2. Operation and Monitoring Records

- a) The Landfill continues to make improvements to the operation of the Landfill. The Landfill has identified through the Environmental Assessment completed in 2019 and enhanced in 2020 that the berm around the active cells needs to be built up. The landfill has prioritized the southeast corner and south side as needing to be built up and regraded in 2023. This will happen after Phase 1 and Phase 2 of the Leachate Management have been completed. The landfill has developed a comprehensive Leachate Management plan to control leachate breaches at the site.
- b) The Waste by Category in tonnes and percentage of total is shown in Appendix B. This represents the material received on the active cells. The Waste trends from 2016 to 2022 are shown in Appendix C.
- c) The Landfill diverted 247 tonnes of product to licenced recycling locations including concrete, metal, and tires.
- d) The 2022 Groundwater Monitoring and Sampling Program for the Portage la Prairie Regional Landfill was completed by KGS Group Consulting Engineers. The full report is Appendix D of this report. The Landfill has not awarded out the services for 2023 at this time.
- e) The Portage la Prairie Regional Landfill did not remove any leachate from the development in 2022. The Environmental Assessment completed in 2020 identified the need for a leachate collection system and a leachate treatment plan as being High Risk / Urgent. The Landfill has received approval to implement this plan in 2022 by Manitoba Environment Climate and Parks.
- f) The Landfill has decommissioned our organic waste area as advised in the Environmental Assessment completed in 2020. The organic material has been stockpiled and will be used as temporary cover on the active cells.
- g) The Landfill did not record any noise or odour complaints in 2022.
- h) The Landfill did record a fire on August 8, 2022 at the site which was extinguished by the staff of the Landfill. The reporting of the fire was done as per requirements.

Appendix A 2022 Year End Report



Portage la Prairie Regional Landfill Authority

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Portage la Prairie Landfill Authority

2022 Year End Review

The Portage la Prairie Landfill Authority has completed its eighteenth year of operation as a Class 1 Facility operated by the Board. The investment equipment and infrastructure at the Landfill kept the site in very good condition. Our customers often compliment the staff on the condition of the roads and how clean the site is kept. The following are the highlights of the 2022 year:

- **The Landfill received 16,762 tonnes of Waste on our active cells, 6915 tonnes of cover material, and 11968 tonnes of septic waste in 2022.**
- **The Landfill diverted of recyclable materials including 187 tonnes of concrete, 43 tonnes of Metal, 17 tonnes of tires. The Landfill participated in the Clean Farms program which diverts chemical jugs, bale wrap, twine, and grain bags in 2022. The Landfill kept 97 Mattress and Box Springs out of the Landfill and kept 58 Freon containing Appliances out of the Landfill.**
- **The Landfill paid \$167,619.34 to recycling program in the regional. The Landfill received 47 tonnes of Road Side clean up from the City and RM of Portage la Prairie.**
- **The Board did not record any user operational concerns or complaints at the Landfill.**
- **The Board agreed to leave the tipping fees at 2022 levels for 2023 for solid waste and septic waste.**

The Landfill's operational success is attributed to the Landfill staff and the training they have received. This success would not be possible without the support of the Landfill Board and the Operational and Administrative Staff of both the City and Rural Municipality of Portage la Prairie. The Landfill has used and will continue to use an Engineering Consulting firm to improve the operation of the Landfill.

The management and staff look forward to serving the municipal waste needs of the City and Rural Municipality of Portage la Prairie. This service will emphasize the education and communication programs ensuring waste is being diverted and disposed in the most efficient and environmentally sustainable manner possible. We thank our customers for their cooperation and support in building a program that we can all be proud of.

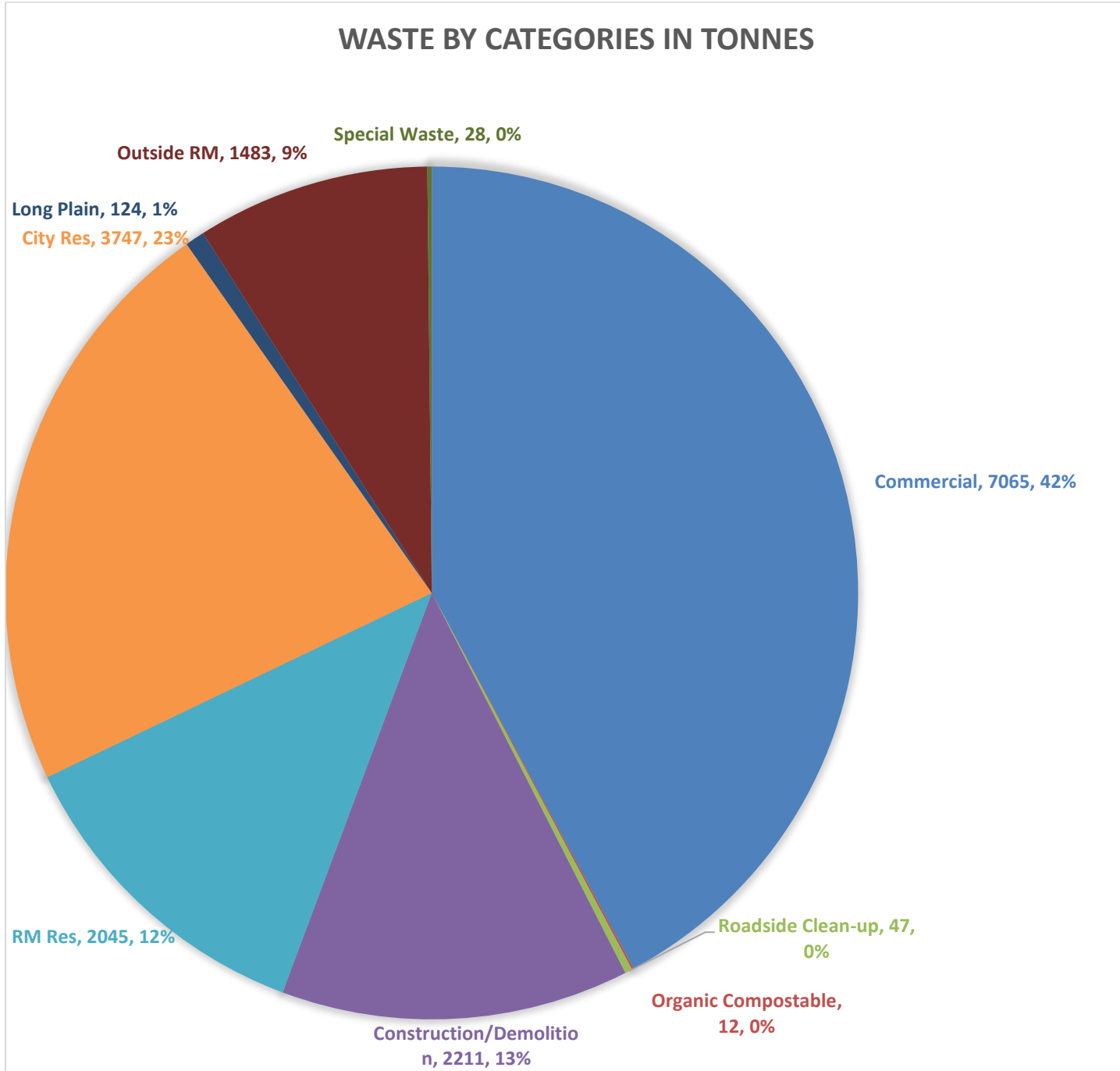
Robert Pohl

Landfill Manager

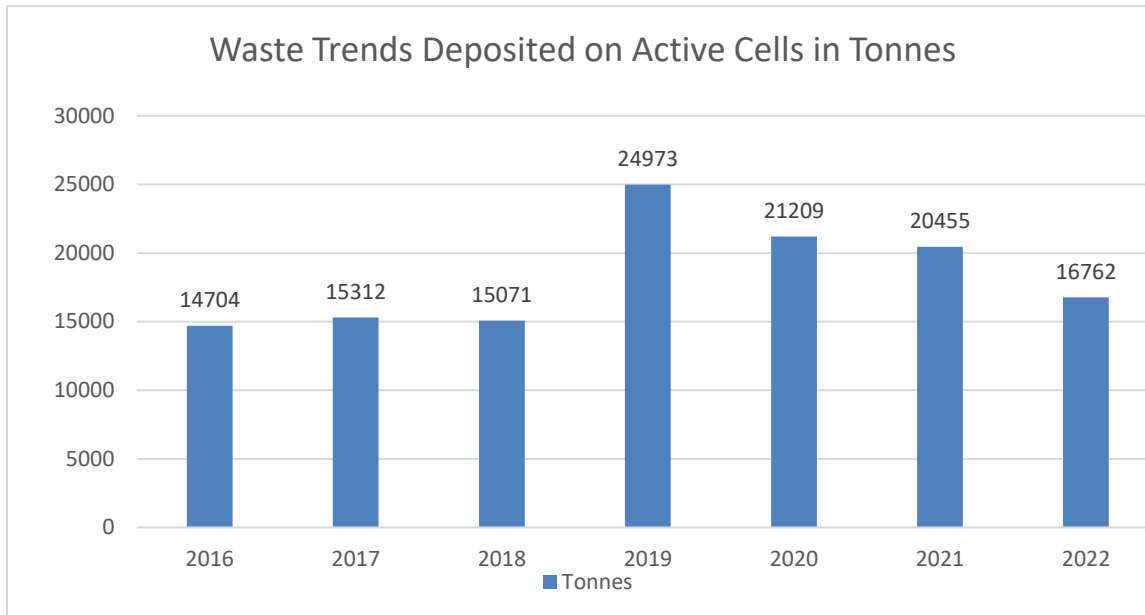
Doug McAuley, Chairman

Portage la Prairie Regional Landfill Authority

Appendix B Waste by Categories in tonnes and Percentage of Total



Appendix C Waste Trends Deposited on Active Cell 2016 to 2022



Appendix D 2022 Groundwater Monitoring and Sampling Program



2022 Groundwater
and Surface Water M