

2023

PORTAGE LA PRAIRIE REGIONAL LANDFILL



Robert Pohl

Year End Report

1/1/2023

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1. INTRODUCTION

This annual report covers the period from January 1, 2023 to December 31, 2023 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 2024. 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. The Landfill had the Landfill Gas Measured and recorded in 2023 which is a requirement of the Environmental Act.
- 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 2023 are shown in Appendix C.
- c) The Landfill diverted 75 tonnes of product to licenced recycling locations including metal, tires, Ag. Plastics, Mattresses, and freon containing appliances.
- 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 Green House Gas reporting for 2022 was completed in 2023. The full report is Appendix E of this report. The reporting was completed by Tetra Tech. The Landfill has not awarded the Groundwater Monitoring and Sampling or Green House Gas reporting for 2023 and 2024 currently.
- e) The Portage la Prairie Regional Landfill did not remove any leachate from the development in 2023. 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 2023.
- h) The Landfill did not record any fires at the site in 2023.

Appendix A 2023 Year End Report



Portage la Prairie Regional Landfill Authority

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Portage la Prairie Landfill Authority

2023 Year End Review

The Portage la Prairie Landfill Authority has completed its nineteenth year of operation as a Class 1 Facility operated by the Board. The investment in equipment, training, 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 2023 year:

- **The Landfill received 15,972 tonnes of Waste on our active cells, 40693 tonnes of cover material, and 13,293 tonnes of septic waste in 2023.**
- **The Landfill diverted 75 tonnes of recyclable materials including metal, tires, ag. Plastics, mattresses, and freon containing appliances.**
- **The Landfill paid \$159,723 to recycling programs in the region. The Landfill received 8 tonnes of roadside 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 approved a \$10.00 per tonne increase on most waste categories for 2024. The Landfill will no longer charge for freon containing appliances.**

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.

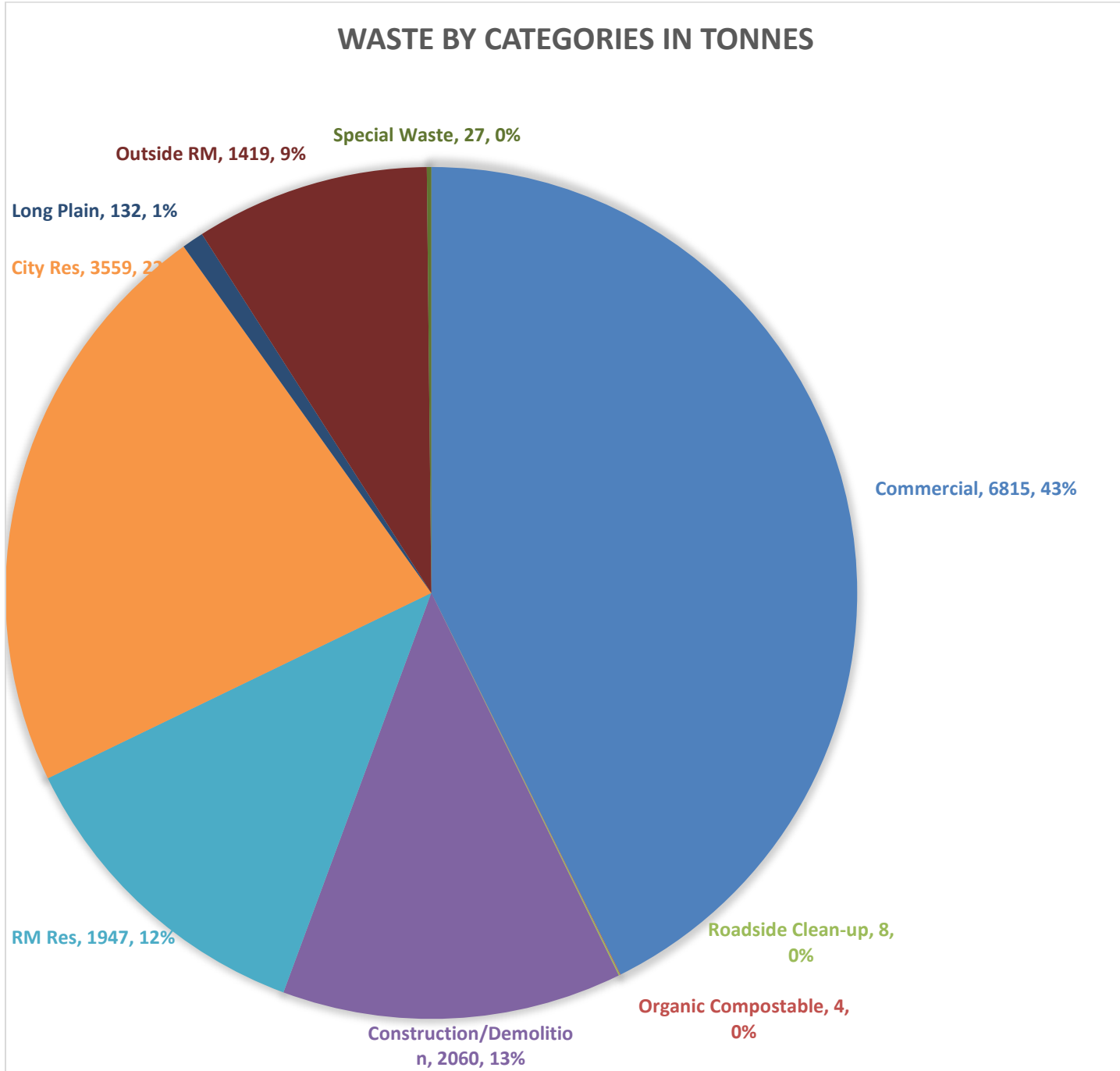
Robert Pohl

Doug McAuley, Chairman

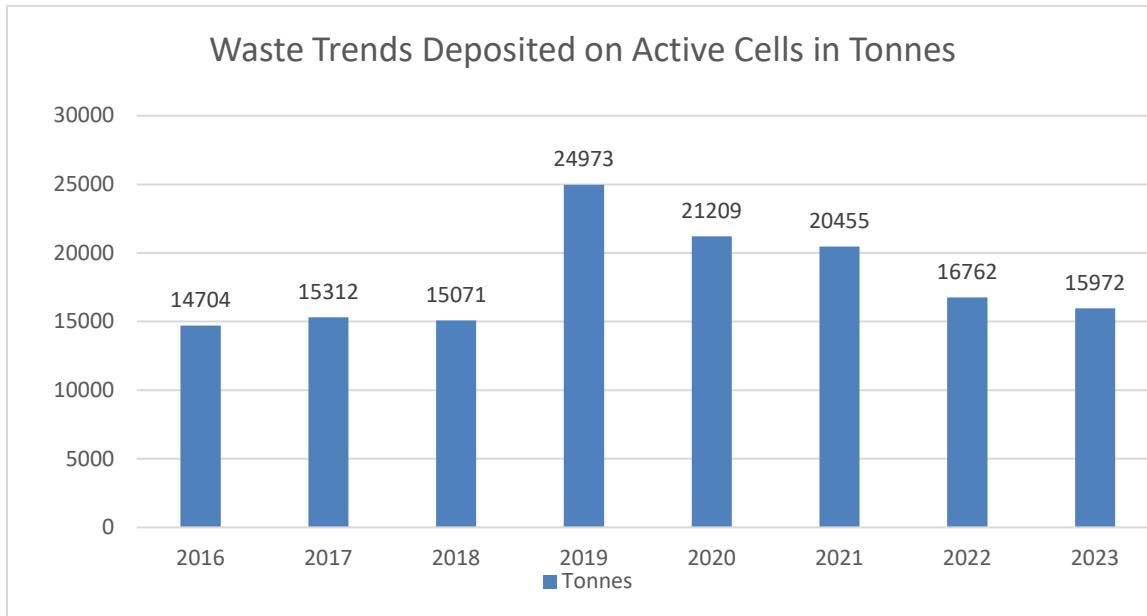
Landfill Manager

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 2023



Appendix D 2022 Groundwater Monitoring and Sampling Program



2022 Groundwater
and Surface Water M

Appendix E Portage la Prairie Green House Gas Reporting



PLP Landfill GHG
Reporting 2022.pdf