Agenda – Council – July 17, 2025

Report – Standing Policy Committee on Water, Waste and Environment – June 27, 2025

Item No. 3 2024 Comprehensive Integrated Waste Management Strategy (CIWMS) Annual Report

STANDING COMMITTEE RECOMMENDATION:

On July 8, 2025, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Water, Waste and Environment and submitted the following to Council:

1. That the report be received as information.

Report – Standing Policy Committee on Water, Waste and Environment – June 27, 2025

DECISION MAKING HISTORY:

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On July 8, 2025, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Water, Waste and Environment and submitted the matter to Council.

STANDING COMMITTEE RECOMMENDATION:

On June 27, 2025, the Standing Policy Committee on Water, Waste and Environment concurred in the recommendation of the Winnipeg Public Service and submitted the matter to the Executive Policy Committee and Council.

COUNCIL DECISION:

On June 20, 2019, Council concurred in the recommendation of the Standing Policy Committee on Water and Waste, Riverbank Management and the Environment and adopted the following:

1. That the Public Service report back to Council annually on the amount of residential waste created (generation) per capita, sent to a landfill (disposal) per capita, and recycled/composted/etc. (diverted) per capita as measures of performance.

2. That the Public Service develop a source separated organics pilot program and report back to Council with recommendations for the pilot project.

3. That the Public Service report back to Council by the third quarter of 2020 with a ten-year financial plan for the Solid Waste Utility, including recommendations for waste diversion programs.

4. That the development of the multi-family waste diversion fee be included with the ten-year financial plan (Recommendation 3).

5. That the 50% waste diversion target, as approved by Council on October 19, 2011, be deferred so that Public Service can recommend a revised waste diversion target after completion of the recommended source separated organics pilot program (Recommendation 2) and ten-year financial plan (Recommendation 3).

6. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

ADMINISTRATIVE REPORT

Title: 2024 Comprehensive Integrated Waste Management Strategy (CIWMS) Annual Report

Critical Path: Standing Policy Committee on Water, Waste and Environment – Executive Policy Committee – Council

AUTHORIZATION

Author	Department Head	CFO	CAO
M. Gordichuk, CCLP, Manager, Solid Waste Services	T. W. Shanks, M. Eng., P. Eng. Director, Water and Waste	T. Graham	S. Armbruster, Interim CAO

EXECUTIVE SUMMARY

The Annual Report to Council summarizes the activities and financial results for 2024.

2024 was the 12th full year of implementation of the Comprehensive Integrated Waste Management Strategy (CIWMS) since beginning in the last half of 2012.

2024 program results include:

- increase in the residential waste diversion rate to 28.3 percent
- decrease to per capita residential waste generation of 1.3 percent
- increase to per capita residential garbage generation of 2.4 percent
- increase in the number of visits to 4R Winnipeg Depots by 18.0 percent
- increase in the weight of materials managed at 4R Winnipeg Depots by 12.4 percent

Overall, there was a decrease to the amount of total waste managed in 2024 compared to 2023.

RECOMMENDATIONS

That this report be received as information.

REASON FOR THE REPORT

On October 19, 2011, Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS). Recommendation No. 28 of the CIWMS requires: That the Winnipeg Public Service publish an annual report on the status of the Master Plan.

IMPLICATIONS OF THE RECOMMENDATIONS

There are no implications associated with the recommendation of the report.

HISTORY/DISCUSSION

In 2009, more than 283,000 tonnes of residential material were landfilled within the City of Winnipeg and 54,000 tonnes of residential material were recycled and composted. This resulted in a diversion rate of about 15 percent which was one of the lowest in Canada. At the same time, the Public Service was recommending changes to the garbage and recycling collection systems based on feedback from collectors, industry trends and other municipalities in North America.

As a result, in June 2010, Council directed the Public Service to create a waste diversion strategy in consultation with the public, to increase the waste diversion rate, explore options for material collection and provide uniform service for Winnipeg residents. Working with a consultant and through an extensive public engagement process, a made-for-Winnipeg plan was developed.

On October 19, 2011, Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS) with the overall strategy to increase Winnipeg's diversion rate to 35 percent by 2016 and to greater than 50 percent by 2022 and thereafter. Implementation of the plan began in the last half of 2012, with 2013 being the first full year of the program.

An objective of OurWinnipeg 2045 is to prioritize a sustainable waste management system that conserves resources, minimizes waste, creates integrated resource recovery opportunities, and mitigates greenhouse gas emissions through diversion of waste. Winnipeg's Climate Action Plan and Community Energy Investment Roadmap further support actions to increase waste diversion efforts and minimize solid waste greenhouse gas emissions.

PROGRAM RESULTS – 2024

1. Residential Waste Generation

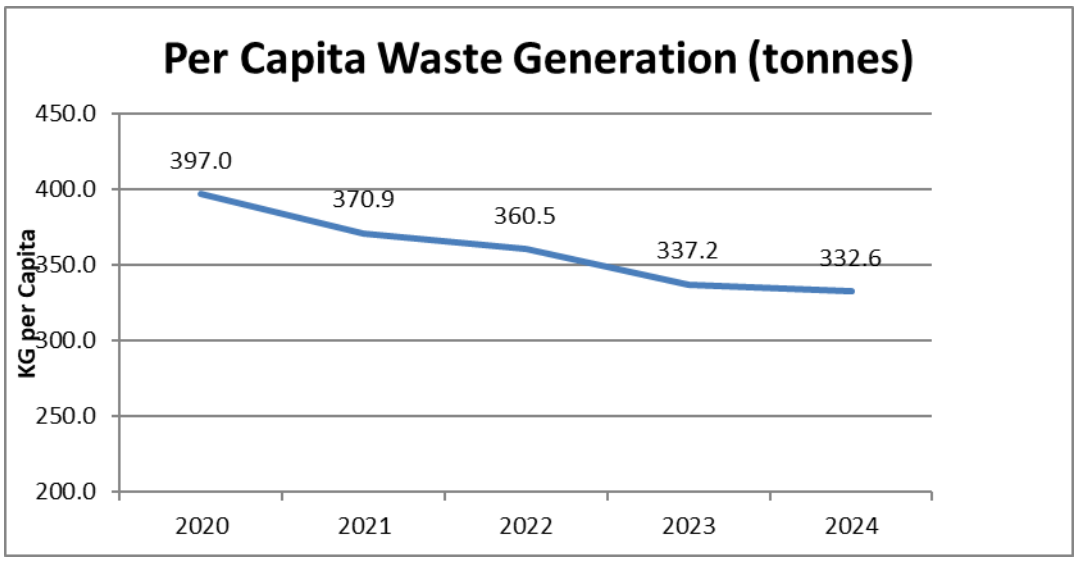
Residential waste generation is the total tonnage of waste generated by residents, and includes garbage, recycling, leaf and yard waste, and other divertible materials collected and managed by City of Winnipeg programs[1]. In 2024, total residential waste generated was approximately 287,240 tonnes; an increase of 4.8 percent compared to 274,080 tonnes in 2023.

Measuring the tonnage of residential waste generated per capita is recognized as a key indicator of system performance by Municipal Benchmarking Network Canada (MBNC), as it can more accurately reflect the variabilities of diversion programs, such as the continued light weighting of recyclable materials and natural variations in leaf and yard waste (LYW).

[1] Includes materials collected through City curbside contracts and self-hauled by residents to 4R Winnipeg Depots and community recycling centres.

From 2023 to 2024, Winnipeg's population increased by 6.6 percent, from 791,600[2] people to 843,640 people. As a result, per capita waste generation in 2024 was approximately 333 kg, compared to 337 kg in 2023, a decrease of 1.3 percent.

The following graph illustrates the per capita residential waste generation rate over the past five years. Since 2020 (the height of the COVID-19 global pandemic), per capita residential waste generation has steadily declined by a rate of 16 kg per year (from 396 kg in 2020 to 333 kg in 2024). This is in line with, and lower than, pre-pandemic levels.



2. Residential Waste Diversion

Breaking down per capita residential waste generation by waste stream shows the amount of residential waste that is disposed of in the landfill (garbage), versus the amount that is diverted to recycling, composting and other diversion programming.

Residential Waste Managed by City of Winnipeg Programs per Capita (kg)

	2011	2023	2024	2024 vs 2023	2024 vs 2011
Population	677,800	791,600[1]	843,640	+6.6%	24.5%
Garbage	309.4	238.4	244.1	+2.4%[3]	-21.1%
Recycling	67.6	58.3	44.9	-23.0%	-33.6%
Leaf and Yard Waste	13.5	33.9	36.7	+8.2%	+170.90%

[2] For comparability purposes, the 2023 population total reported in this report is consistent with the total reported in the 2023 CIWMS Annual Report, and not with the population total reported by Statistics Canda for 2023 (816,097). This is due to the completion of the 2023 CIWMS Annual Report prior to the Statistics Canada release of the 2023 data.

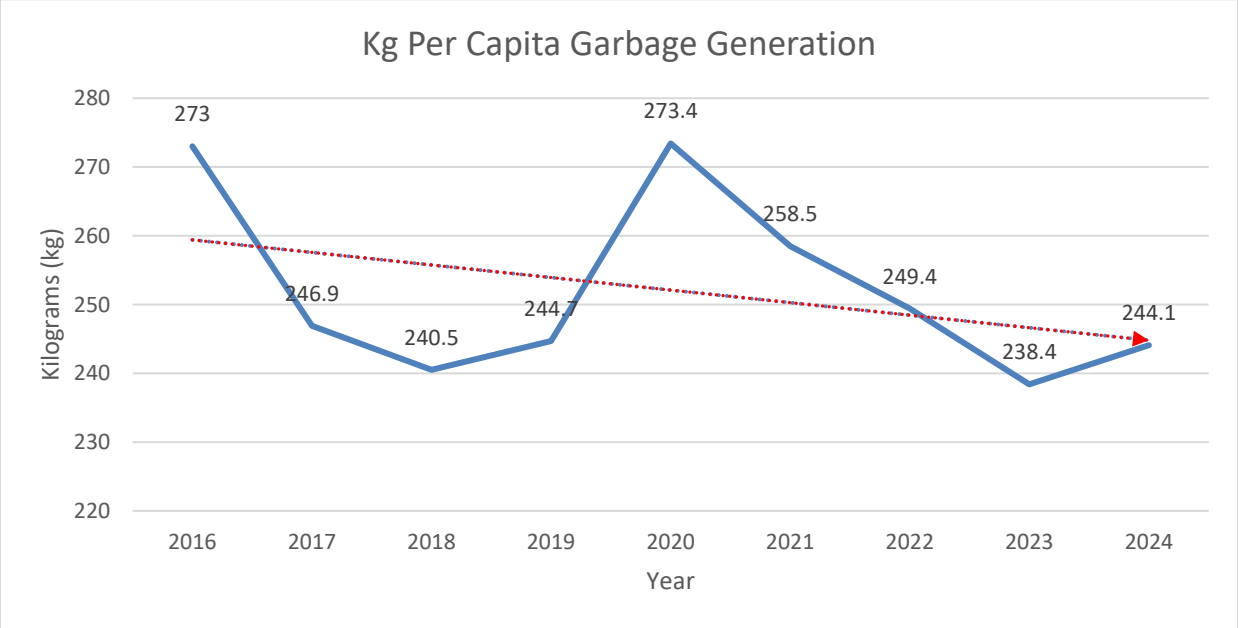
The timing of future CIWMS Annual Reports may be delayed to ensure population totals align with Statistics Canada reporting.

3 Per capita garbage shows an increase and per capita recycling shows a substantial decrease in 2024 due to a correction to the per capita formula. The correction reflects the tonnage of recycling collected that is considered 'contamination' and must be landfilled.

4R Winnipeg Depots	N/A	6.5	6.9	5.5%	
Total Residential Waste Generated[4]	390.6	337.2	332.6	-1.3%	-14.8%

Tracking this information over time demonstrates the level of progress made on waste reduction and diversion. In particular, tracking the amount of waste (garbage) per capita that is sent to landfill is a best practice.

Of the approximately 333 kg per capita residential waste generated and managed by City programs in 2024, approximately 244 kg was disposed as garbage, an increase of 2.4 percent from 2023. The increase is due to the correction to the per capita formula used and does not reflect an actual increase in per capita garbage generated.



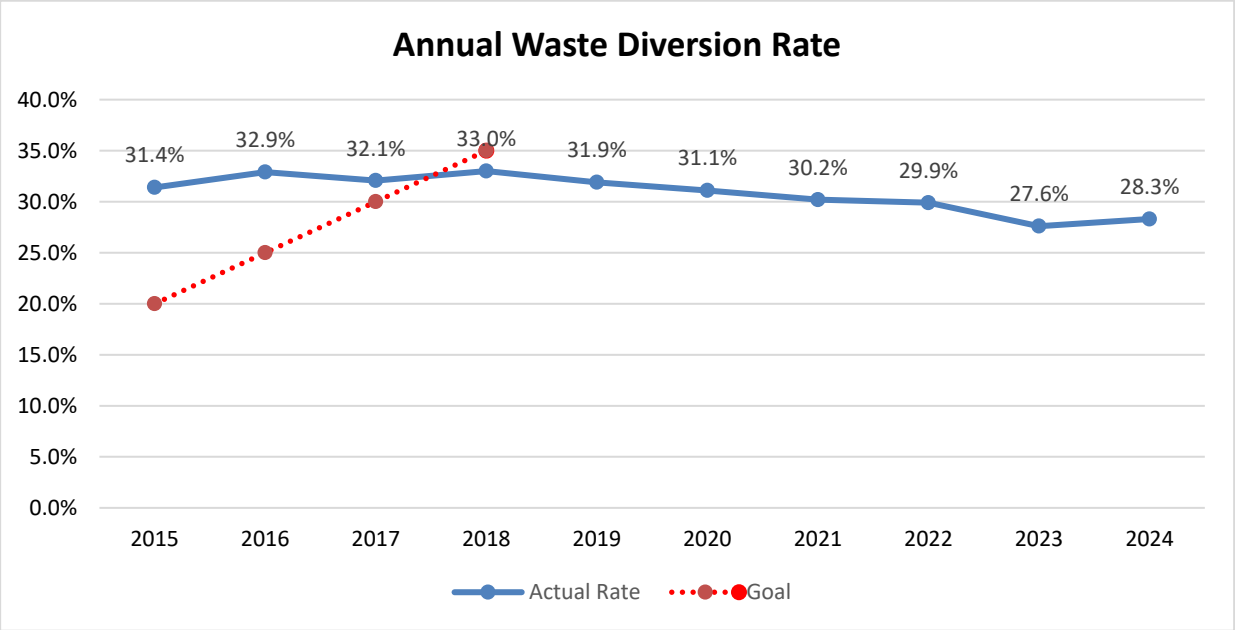
Diversion Rate

The residential waste diversion rate is calculated as a percentage of the total diverted residential tonnage divided by the total residential tonnage landfilled and diverted. This aligns with the *Generally Accepted Principles for Calculating Municipal Solid Waste System Flow* manual, which is consistent with the methodology of the other cities that participate in MBNC.

In 2024, the residential waste diversion rate remained stable at 28.3 percent in 2024 as compared to 27.6 percent in 2023.

The following graph represents the waste diversion goals established by CIWMS to 2016, as well as the actual rate for the past 11 years (2015-2024). It highlights that diversion rates remain relatively stable and that the City did not reach its initial goal of a 35 percent diversion rate by 2016. Over the past five years (2020 to 2024), the average diversion rate was 29.4 percent.

[4] Total residential waste includes a small amount of waste collected from municipal facilities and small commercial generators



A significant decrease to residential waste landfilled (and a corresponding increase to the waste diversion rate) will not occur without the introduction of a city-wide Green Cart Program.

3. Recycling Program (Curbside and Recycling Depots)

The total weight of recyclable materials collected (from curbside residential blue cart collection and from recycling depots) and processed was 43,715 tonnes in 2024, a decrease of 14.8 percent from the 2023 weight of 46,147. This decrease is partially due to the continuing downward trend since 2020, but also due to a correction to the per capita formula used for reporting.

Known as the “evolving tonne”, the composition of recyclable materials continues to shift away from heavier and denser material (e.g. glass, metal, and newsprint) to lighter and bulkier material (e.g. plastic, corrugated cardboard). This trend emphasizes the importance of considering overall per capita waste generation, in conjunction with recycling diversion rates (percentage of recyclables found in the garbage stream) when evaluating overall performance of recycling programs.

Data from 2023/24 curbside waste audits for single-family, multi-family and small commercial customers show that, on average, 15 percent of the garbage stream is made up of materials that could have been recycled.

Waste audits at the City’s materials recycling facility (MRF) show that approximately 17 percent of materials collected from the curbside recycling stream are not accepted in the City’s recycling program (contamination) and must be landfilled.

Through ongoing resident education and awareness about what materials are accepted in the City’s recycling program and at 4R Winnipeg Depots, less recyclable material should end up in the garbage stream and there should be less contamination in the recycling stream.

4. Leaf and Yard Waste Collection and Composting

LYW is collected biweekly during the months of May through October each year, or can be self-hauled to a 4R Winnipeg Depot. Tonnages of LYW available for composting fluctuate from year to year, depending on weather conditions.

Leaf and Yard Waste Composted

Year	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Tonnes	30,959	26,851	33,133	29,784	36,993	31,630	33,041	28,528	34,123	33,474

In 2024, 30,959 tonnes of residential LYW material was composted by the City, with approximately 24,660 tonnes from curbside collection and just under 6,300 tonnes self-hauled to 4R Winnipeg Depots.

This is an increase of 4,108 tonnes from 2023, or 15.3 percent. Per capita, there was a 13 percent increase for curbside collection and 25.3 percent increase for self-haul over the period. The increase in LYW tonnage can be attributed to above average precipitation in southern Manitoba in 2024.

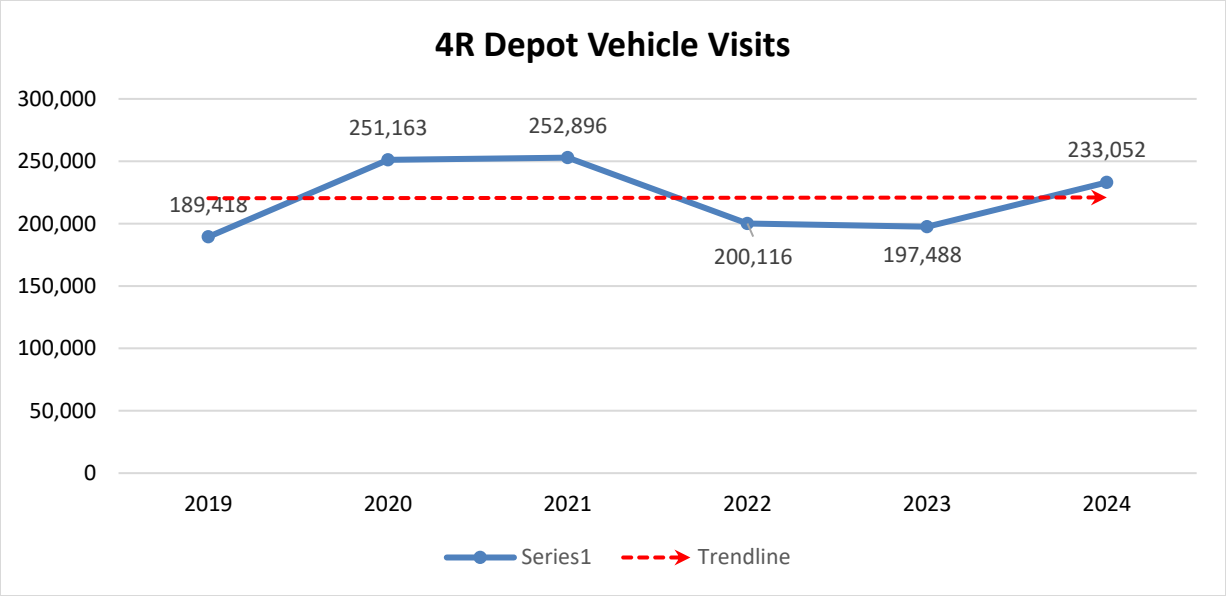
Composting takes place at the Brady Road Resource Management Facility (BRRMF). In 2024, 10,824 tonnes of material were also received from public sources, including the City's Retention Pond Weed Harvesting Program, in addition to the residential LYW material received for composting.

The finished compost produced at the BRRMF meets the standards established by the *Compost Quality Alliance* and the *Canadian Council of Ministers of the Environment*. Compost is used as top dressing on finished areas of BRRMF, provided to other City departments, or sold as surplus goods.

Approximately 10,950 cubic meters of compost was sold in 2024. An additional 1,259 cubic meters of compost was made available for pick-up by Winnipeg residents through a compost giveaway held at BRRMF, Kilcona Park, and Summit Landfill during May 10 to 12 to coincide with Compost Awareness Week.

5. 4R Winnipeg Depots

Approximately 233,052 vehicles visited the three 4R depots in 2024, an increase of 35,564 visits from 2023 (18.0 percent). The chart below illustrates a general trend of sustained usage over the past six years, with a significant spike during 2020 and 2021. It is assumed that the increase in visits in 2020 and 2021 is due to factors relating to the COVID-19 pandemic. The increase in 2024 is assumed to be from increased awareness of the 4R Winnipeg Depots and the variety of materials accepted.



Combined, the Brady, Pacific and Panet 4R Winnipeg Depots managed 13,694 tonnes of material in 2024, a five percent increase compared to 2023. Of the tonnes managed in 2024, 7,749 were diverted into recycling or composting programs. The remaining 5,945 tonnes consisted of clean fill[5] and concrete/ceramic which were used at BRRMF for daily operations.

Tonnes of Material Managed at 4R Winnipeg Depots[6]

Material	2023	2024
Batteries	82	98
Bicycles	15	16
Ceramics and Concrete	2,423	2,454
Clean Fill	3,567	3,491
Electronics	560	665
HHW	519	577
Oil	160	185
Mattresses	300	349

Material	2023	2024
Glass	62	91
Lumber	45	142
LYW	2,533	2,954
Appliances	182	204
Recyclable Material	816	1,449
Scrap Metal	601	675
Tires	202	344
Total	**12,067**	**13694**

6. Collections Performance

Reported Missed Collections

Reported[7] cart collection deficiencies decreased for garbage (17 percent) and recycling (nine percent) in 2024 compared to 2023, but increased for yard waste collection (53 percent).

[5] Clean fill typically consists of clay or soil. These are materials that are not originally intended for disposal and therefore not considered diverted material.

[6] Since 2017, this table presented tonnages from the Brady 4R Depot only. It now reports tonnages from all 4R Depots.

[7] The total number of 311 reports of missed collection may not be a true indication of contractor performance and penalties. For example, upon investigation by either the City or the contractor, a number of complaints registered as missed collection show:

- there was a valid reason why collection did not occur
- the call should have been recorded as a different type of service request.

Collection	Approximate No. of Locations Collected Weekly	311 Reports of Missed Collection		
		2022	2023	2024
Garbage carts	213,634	13,921	12,052	10,033
Recycling carts	213,634	7,120	6,334	5,750
Yard waste (April to November)	106,817	2,010	1,686	2,575
Total		**21,312**	**20,072**	**18,358**

Collection deficiencies for garbage and recycling carts remained slightly higher than the five-year rolling averages (9,964 and 5,616 respectively), primarily due to the large number of properties awaiting cart replacement due to a servicing backlog. Occupants awaiting replacement carts are required to place their waste out in bags for manual collection rather than using their carts. Inconsistencies with how occupants set out bags for manual collection, in combination with the large number of properties using this method, made it challenging for contractors to ensure collections were completed correctly.

2024 leaf and yard waste collection deficiencies were also higher than the five-year rolling average (1,944), primarily due to leaf and yard waste collections ending earlier than usual and many residents had not yet completed fall clean ups. The earlier end date was implemented to avoid problems with paper yard waste bags freezing to the ground and ripping open when collected.

Reported Abandoned Waste

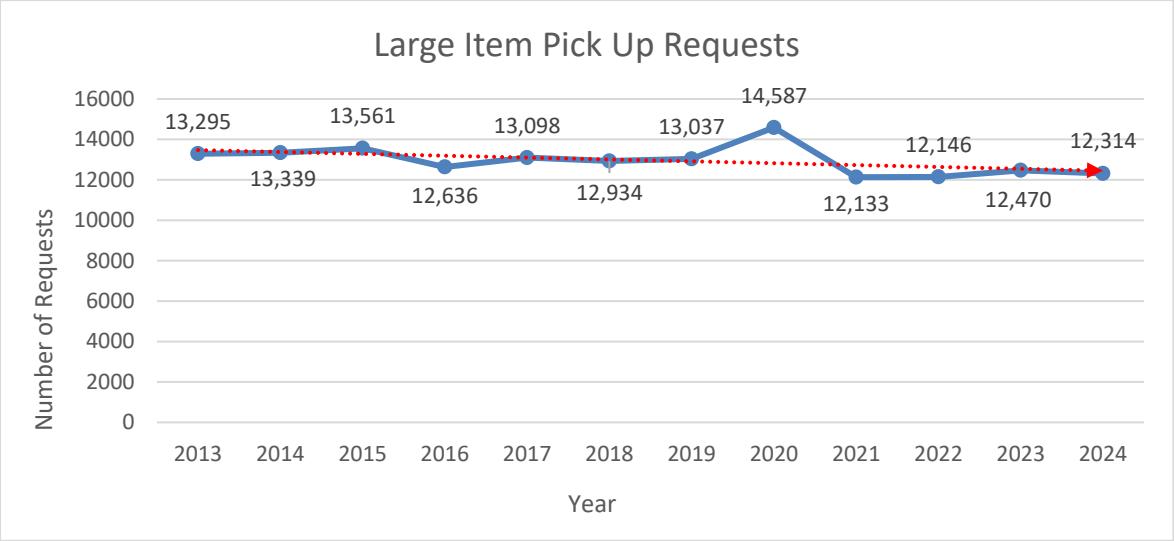
In 2024, reports of abandoned waste remained stable with only a one percent increase in 2024 (163) compared to 2023 (162). The number of reports of abandoned waste has continued to decline each year, since the implementation of the City's proactive bulky sweep program.



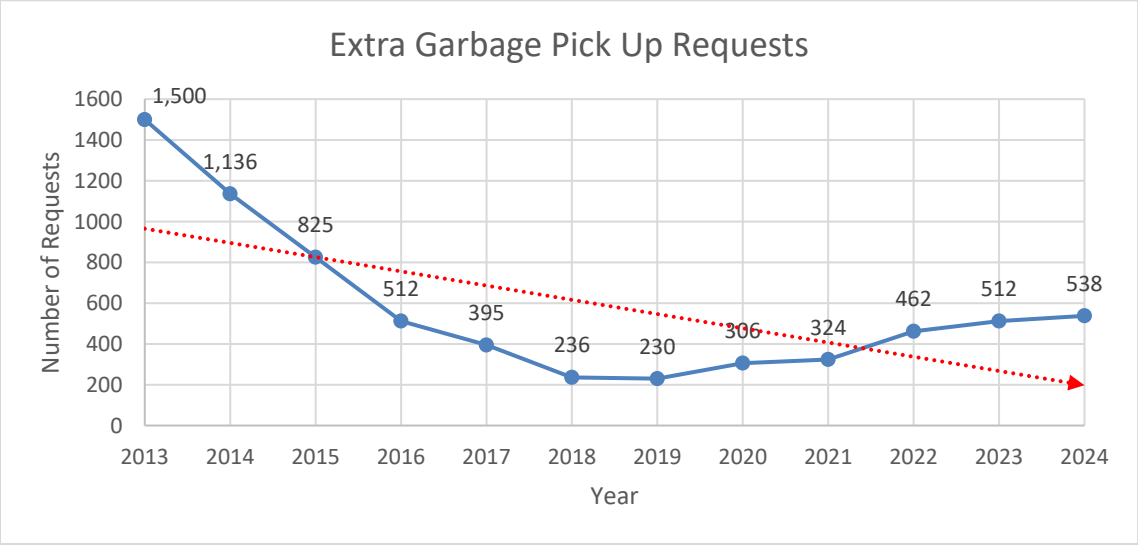
Note: The spike of reports in 2015 and 2016 was due to SWS Field Inspectors conducting inspections in targeted areas and reporting cases of abandoned waste to 311.

Requests for Additional Service

Requests to 311 for Large Item Pickups decreased slightly from 12,470 in 2023 to 12,314 in 2024 or 1.2 percent. This continues a generally stable trend since the introduction of the cart collection program in 2012. There was a small spike of requests in 2020, assumed to be related to the COVID pandemic.



The number of residents using the Extra Garbage Pickup service increased from 512 (2023) to 538 (2024), or five percent. Since the introduction of the cart collection system, there has been a general trend of fewer requests for Extra Garbage Pickup. This has shifted to an upward trend beginning in 2020. This increase may be related to more residents working from home since the COVID pandemic, resulting in more residential garbage.



7. Organic Waste – Community Drop-Off Sites

In October 2024, Council approved a partnership with Compost Winnipeg to establish a residential food waste drop-off program at up to 15 community sites around the city, as well as

at the three 4R Winnipeg Depots. The food waste collected is brought to Prairie Green landfill for composting. 63.3 tonnes of food waste was collected from October 15 to December 31, 2024, at 13 community sites and all three 4R Winnipeg Depots. Additional sites are planned for 2025.

Until the City secures an organics processing facility for a residential green cart program, the drop-off sites provide an interim option for food waste diversion for residents. It is anticipated that a city-wide, residential green cart program will be established by 2030, with a program for multi-unit properties introduced later.

8. Landfill Gas Capture/Green House Gas Reduction

In its 11th full year of operation, the landfill gas (LFG) system at the Brady Road Resource Management Facility (BRRMF) captured and flared 12.2 million cubic metres of gas, which resulted in a GHG reduction equivalent of 84,304 tonnes of carbon dioxide. This amount is equivalent to avoiding the annual carbon dioxide emissions of 19,664 passenger cars[8], a 14.5 percent decrease in carbon dioxide equivalent avoided compared to 2023 (22,746 passenger cars). Of note, the volume and make up of LFG varies each year depending on the biological breakdown of waste and other factors such as system efficiencies.

9. Public Engagement

The Community Liaison Committee for the BRRMF was established in 2014 as part of the requirements of the Environment Act Licence. Two Committee meetings were held in 2024: on May 22 and October 8. Committee members received updates and provided comment on:

- the review of the Comprehensive Integrated Waste Management Strategy (CIWMS)
- landscaping activities on finished areas of the landfill and Administration building
- noise and odour considerations
- vector management
- ways to reduce the impact of landfill activities (e.g., construction, operations) on the local environment
- new cell construction
- Planned new fill area (Area B)

10. Biosolids Soil Fabrication

The 2018-2020 Biosolids Soil Fabrication Pilot Project examined the viability of utilizing biosolids and other residuals generated from City operations, primarily wood waste and street sweepings, to fabricate topsoil to complete the cap system at Summit Landfill. Solid Waste Services submitted an Environment Act licence proposal for an ongoing biosolids soil fabrication program in 2020. The pilot project is extended while the application is under review.

In 2024, 33,834 tonnes of biosolids were used to make soil as part of this initiative at Summit Landfill. An additional 4,376 tonnes of biosolids were used for soil fabrication at BRRMF. This

[8] Based on USA Environmental Protection Agency Greenhouse Gas Equivalencies Calculator

project, combined with the City's Biosolids Land Application program (24,000 tonnes), helped ensure that no biosolids were landfilled in 2024.

11. Multi-Family Waste Diversion Strategy

Council approved the Multi-Family Waste Diversion and Management Strategy in 2023. In October of 2024, a new, permanent Waste Diversion Specialist was hired to expand education and outreach to multi-unit properties on solid waste programs, conduct site visits to assess recycling programs, work with community partners, finalize solid waste design guidelines, and support new waste diversion policies.

12. Single Use Plastics

The *Single-use Plastics Prohibition Regulations* remain in force. As of June 20 2024, the manufacture, import and sale of single use plastic: check-out bags, cutlery, food service containers, stir sticks, straws and ring carries have all been prohibited through these regulations. The regulation prohibiting the export of these items is scheduled to be rolled out on December 20, 2025.

Since the last update in November 2024, no new actions were taken to reduce the use of single-use plastics in City facilities and properties.

13. Financial Results

Council's 2012 adoption of the CIWMS included the introduction of the annual Waste Diversion Fee. Effective April 1, 2024, this fee was charged at an annual rate of $80 per dwelling unit to residential properties[9] ($69.46 in 2023). These fees are used to fund waste diversion programs.

The total revenue collected in 2024 was $16.7 million, comparable to $14.6 million in 2023.

Operating costs for garbage and recycling collection and processing have increased as a result of contractual price adjustments.

Operating Cost Highlights

Contract Costs (in Millions)	2024	2023	2022
Garbage Cart Collection	$13.7M	$12.6M	$11.3M
Recycling Cart Collection	$14.5M	$13.5M	$12.2M
Recyclable Material Processing	$8.7M	$8.0M	$7.2M
Leaf and Yard Waste Collection	$3.6M	$3.0M	$3.0M
Leaf and Yard Waste Composting	$0.6M	$0.4M	$0.4M

Processing and Marketing of Recyclable Material

2024 was the fifth full year of operations for the new materials recovery facility (MRF). A variety of factors including technological, contractual and operational improvements have provided the current MRF with the ability to adapt to fluctuating global recycling markets. Overall, the MRF has significantly enhanced processing and marketing performance. Fluctuations in global

[9] Properties with seven or fewer dwellings as defined by the Solid Waste By-law

recycling markets for paper products, metals, and plastics, enhanced by the changes in supply and demand transitioning from the COVID-19 pandemic, have stabilized to previous values; improving revenues to $9.388 million in 2024 as compared to $5.527 million in 2023 (a 70 percent increase).

Carts
In 2024, the department spent approximately $1.7 million for the purchase of garbage and recycling carts for new housing developments and for the replacement of damaged carts. This amount is consistent with 2023 ($1.7 million) due to the aging out of carts.

Waste Diversion Reserve Fund
As of December 31, 2024, the balance in the Waste Diversion Reserve was $16.894 million. The balance of the Waste Diversion Reserve will be used towards funding waste diversion initiatives. There was no transfer to the reserve in 2024 (no transfer in 2023). This was a result of higher costs of the recycling and waste diversion programs offset by recycling revenue.

CAPITAL COSTS

Organics Waste Processing Facility - Planning Study
In 2024, consultants were retained to assist in the development of procurement and contract documents to secure organic waste processing services, conduct market soundings, complete a preliminary analysis of green cart collection services, and assess potential environmental benefits associated with green cart project components.

BRRMF New Waste Disposal Phase
In preparation for the closure of a historic phase of waste disposal (Area A) at the BRRMF in 2026, an RFP for the design of a new phase of waste disposal (Area B) was tendered and awarded to a consultant in 2024 (RFP No. 309-2024). The project involves the development of a long-term plan for Area B, including cell construction, leachate collection, roadways, and surface water management. The project also includes the design, tendering, and construction contract administration for a new waste disposal cell (Cell 35). Tender 107-2025 will be awarded in Q2 2025 for the construction of Cell 35.

Comprehensive Integrated Waste Management Strategy – Five-Year Review (2023/24)
RFP 262-2023 to review and update the Comprehensive Integrated Waste Management Strategy was completed in October 2024 on schedule and on budget. The project included a review of the goals and recommended options, data collection (i.e. waste audits), and public engagement. Deliverables include a final CIWMS report with recommendations for short, mid and longer-term options, and associated implementation plans for each option.

The recommended options were shared with stakeholders and the public. The final report will be made available on the project website when the CIWMS report is submitted to Council, which is anticipated for Q3 2025.

BRRMF Site Improvements
In 2024, site improvements were undertaken at the BRRMF, including tree planting along the north perimeter berm and at the administration building. Tree planting concluded in Q4 2024, with a one-year warranty period expiring in Q4 2025.

Onsite Leachate Treatment Feasibility Study

A study to assess the technical and regulatory feasibility of treating leachate onsite at the BRRMF using Evaplant technology (willow trees) was undertaken through a single source consulting contract (No. 839-2023) beginning in Q4 2023 and carried out over 2024. The project involved the review of technical documentation; assessment of feasibility; and preparation of a preliminary design, schedule and costs (both capital and operating) for an onsite treatment system. The results of the study are anticipated in Q2 2025.

14. 2025 Implementation Plan

Comprehensive Integrated Waste Management Strategy – Five-Year Review (2023/24)
The recommended options in the CIWMS report will be submitted to Council and the budget working group in 2025, in preparation for implementation of options with capital and operating costs in 2026 or later. Recommendations that do not require capital or new operating budget can begin implementation in 2025.

Green Cart Program
In 2025, merchants will be qualified through an RFQ process to submit proposals for organic waste processing services. A consultant will be retained to further assess green cart collection services, and assess potential environmental benefits associated with green cart project components.

As an interim measure, the residential food waste drop-off sites established in October 2024 will continue in 2025. Additional sites may be considered.

Landfill Gas Beneficial Use - Alternative Energy Project
As per March 24, 2022, Council direction, the Public Service commenced negotiations with Integrated Gas Recovery Services Inc. (IGRS) to become a raw resource landfill gas supplier on a 20-year term. In 2025, the Public Service will continue to work with IGRS and consult with other stakeholders to develop a renewable natural gas production facility from BRRMF landfill gas.

Biosolids Soil Fabrication Pilot Project
Year eight of the Biosolids Soil Fabrication Pilot Project will take place in 2025. The continuation of the pilot project includes the all-season fabrication of soil used at Summit and the BRRMF to supplement landfill cover, which is required to support a vegetative layer. Operations include ongoing environmental monitoring and daily site management. Planned, regular drone flights will map out plotted areas and help track the site coverage more closely.

BRRMF New Waste Disposal Phase and Cell Design and Construction (Cell 35)
In 2025, AECOM will continue to develop a long-term waste disposal plan for Area B, including designs for cell construction, leachate collection, roadways, and surface water management.

The project also includes the design, tendering, and construction contract administration for a new waste disposal cell (Cell 35), which will be constructed in the summer of 2025.

The tender for Cell 35 (107-2025) was issued at an estimated cost of $8.5 million. The cell design will provide disposal capacity for two years, based on current population and waste generation projections. To improve safety, separate roadways will provide access to Cell 35 for customers and operational equipment. Landfilling in Cell 35 is anticipated to start in December 2025, with a second cell (Cell 36), scheduled to be constructed in the summer of 2027.

Food Waste Reduction Project
Year four of a food waste reduction project will be carried out in partnership with the Winnipeg Food Council. It will include advisements, promotions and attendance at summer farmer's markets to educate residents on ways to decrease food waste and reduce the amount of food that goes to landfill. The Love Food, Hate Waste campaign, an external partnership the City subscribed to for the supply of promotion and educational material, was discontinued. In 2025, the City will focus on internal resources and re-evaluate another partnership for the future.

Solid Waste Financial Plan
Water and Waste reported back to Council in March 2025 on a sustainable financial model with cost recovery of Solid Waste Collection, Disposal, Recycling and Waste Diversion. Included in this report were changes to the Solid Waste Bylaw and Fees and Charges to support the proposed financial model.

Operational System Improvements
Improvements to data tracking will continue to be made through upgrades to the collections tracking software system. Upgrades have also been made to Customer Care and Billing in order to implement new fees for the multi-unit sector, effective April 1, 2025.

Communication Strategy
The City will continue to use a multi-pronged approach to communicate its solid waste programs and services, as well as its waste reduction and diversion efforts. Examples of different communication activities include:

- Providing new single-family dwellings with information packages on collection and diversion services.
- Continued public education through social and traditional media (TV, digital, radio, newspaper, community newsletters).
- Continued work with external stakeholders on initiatives as well as participation in community events to promote waste diversion.

FINANCIAL IMPACT

Financial Impact Statement Date: April 25, 2025

Project Name:

2024 COMPREHENSIVE INTEGRATED WASTE MANAGEMENT STRATEGY (CIWMS) ANNUAL REPORT

COMMENTS:

There is no financial impact based on the recommendations in this report.

Lucy Szkwarek, FCPA, FCGA

Lucy Szkwarek, FCPA, FCGA
Manager of Finance and Administration

CONSULTATION

This Report has been prepared in consultation with: N/A

OURWINNIPEG 2045 POLICY ALIGNMENT

This report is in accordance with the OurWinnipeg policies through

OurWinnipeg Goal: Environmental Resilience

Objectives:

- Minimize and divert waste from landfill.

Policies:

2.15 Circular Economy

- Advance Winnipeg's circular economy to support waste reduction.

2.16 Waste Minimization

- Improve and sustain performance of the waste reduction and diversion system.

OurWinnipeg Goal: Social Equity

Objectives:

- Build social cohesion through community development solutions, coordinated, effective partnerships, and responsive service delivery. Learn from community knowledge and leadership, work to be responsive to community needs, and align government processes, resources and services accordingly

Policies:

5.1 Equitable Service Access

- Provide municipal services through a lens that promotes equitable access for all, with a focus on the youngest, oldest, and systemically disadvantaged members of the community.

WINNIPEG CLIMATE ACTION PLAN ALIGNMENT

This report is in accordance with Winnipeg's Climate Action Plan through Strategic Opportunity #6 Waste Reduction and Diversion, and supports the following key directions:

6.1 Reduce Consumption and Increase Waste Diversion from Residential, Commercial and Industry (Primary Responsibility: Water and Waste Department).
6.2 Advance Winnipeg's Circular Economy to Support Waste Reduction (Primary Responsibility: Water and Waste Department)
6.3 Utilize Biosolids In Agriculture and Landscaping Industries (Primary Responsibility: Water and Waste Department)
6.4 Support Integrated Resource Recovery Opportunities (Primary Responsibility: Water and Waste Department)

WINNIPEG POVERTY REDUCTION STRATEGY ALIGNMENT

One of the guiding principles of the Poverty Reduction Strategy is to promote and maintain the welfare of all residents. The effective management of solid waste services supports efforts to maintain a clean and healthy environment for all Winnipeg residents.

Waste management services are provided to all Winnipeggers, in an equitable, inclusive and accessible manner, which reflects Goal 6 of the Winnipeg Poverty Reduction Strategy - All City Services are Equitable, Inclusive and Accessible.

SUBMITTED BY

Department: Water and Waste
Division: Solid Waste Services
Prepared by: Kristy LeBaron, MCIP, RPP; Melissa Bunkowsky, CPA, CGA
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