

Waste Solutions Proposal for Greater Toronto Apartment Association



Submitted by
Miller Waste Systems Inc.



Carl Christie
Business Development
Office – 905-475-6356
Mobile – 647-460-1491
Email – Carl.Christie@millergroup.ca

Proposal

Table of Contents

- ☐ Introduction
- ☐ Company Overview
- ☐ Keys to Service
- ☐ Equipment & Service Details



Take The Canadian Road With Miller Waste Systems

Recycling for the Future... Today





Company Overview

The Miller Group of Companies has over 4,000 employees diversified over the following business segments:

- Municipal Services
- Waste Management
- Road Construction and Paving
- Road Rehabilitation
- Engineering Construction
- Materials Manufacturing and Marketing

Our professionals in each of these areas work to provide complete customer satisfaction by offering products and services that represent value, adhere to customer specifications and are clearly superior to those of the competition. Miller is a vertically integrated group operating across Canada and into the southeastern United States.

Miller Waste Systems Inc. (MWSI) is a wholly-owned subsidiary of The Miller Group. In operation since 1961 MWSI is a leader in waste management, providing governments and industry with a wide range of services in the provinces of Ontario, Nova Scotia, New Brunswick and Manitoba.

Operating over 750 collection vehicles, and employing over 1,200 personnel, Miller Waste Systems specializes in the collection of waste, recyclables and organic waste from municipalities and from industrial, commercial, and institutional customers, and from construction and demolition projects.

Miller designs, builds and operates materials recovery facilities and organic waste processing facilities and markets their products. Miller Waste Systems also owns and operates its own waste processing and transfer facilities.

A knowledgeable and experienced engineering department is known for completing design and construction of waste management facility infrastructure on schedule and on budget. In recent years Miller has designed, built and operated twenty (20) waste management facilities including six (6) compost facilities. Miller also owns five transfer stations as well as four compost facilities.

Miller's capabilities include the end marketing of the products generated from these facilities through a dedicated marketing department, and a reputable network of end markets built on long standing relationships, while providing the highest quality of products.

Miller is rated as one of the Greater Toronto Area (GTA)'s top 90 employers and one of the 50 best managed companies in Canada. Miller attempts to employ as much of our work force from local communities where we operate as is possible.

Keys to Service

Equipment

- ✓ Multi Residential compactors, tri-sorters, containers for waste and recycling.
- ✓ Commercial collection equipment utilizing front end, roll off & recycling containers in various sizes.

Diversion Reports

- ✓ Annual Diversion Reports available to assist with Reg. 151

Local Support

- ✓ Assigned and dedicated Account Managers at regional and local levels and Customer Service representation internally
- ✓ Local Operational support

Environmental Protection

- ✓ MWSI operates within Federal, Provincial and Local government rules and regulations relating to the collection, processing and end market disposal of waste and recyclables. These governing agencies include Ministry of Environment, Ministry of Transportation, WHIMS, Occupational Health and Safety Guidelines and the operation of our lines of business within the parameters of our Certificates of Approvals.

Health & Safety Program

- ✓ MWSI provides to each employee a copy of our Safety Policies Booklet. MWSI employees become familiar and comply with the requirements of the Occupational Health and Safety Act and the Regulations that apply to the work being performed.

Cost Transparency

- ✓ MWSI provides upfront pricing schedules allowing clients to effectively budget with cost certainty.

Insurance & WSIB Coverage

- ✓ MWSI insurance and WSIB coverages give clients confidence in knowing their interests are adequately protected.

Equipment & Service Details



WSG
MILLER WASTE SOLUTIONS GROUP
LET US HELP YOU GET
YOUR CHUTE TOGETHER.

**Miller Waste Solutions Group
Products and Services Guide**

Equipment & Service Details

Miller Waste Solutions Products and Services

- Compactor manufacturing and service
- Chute cleaning
- Garbage and linen chute repair
- Odour control
- Garbage container movers
- Preventative maintenance
- Complete recycling/organics compliant systems
- Self-contained compactor cleaning

Recycling Systems

- TriSorters: Retrofits and new construction
- BiSorters: Retrofits and new construction

Garbage System Pressure Cleaning

- Garbage and linen chutes
- Compactors (all types)
- Bins and containers
- Handling and storage areas

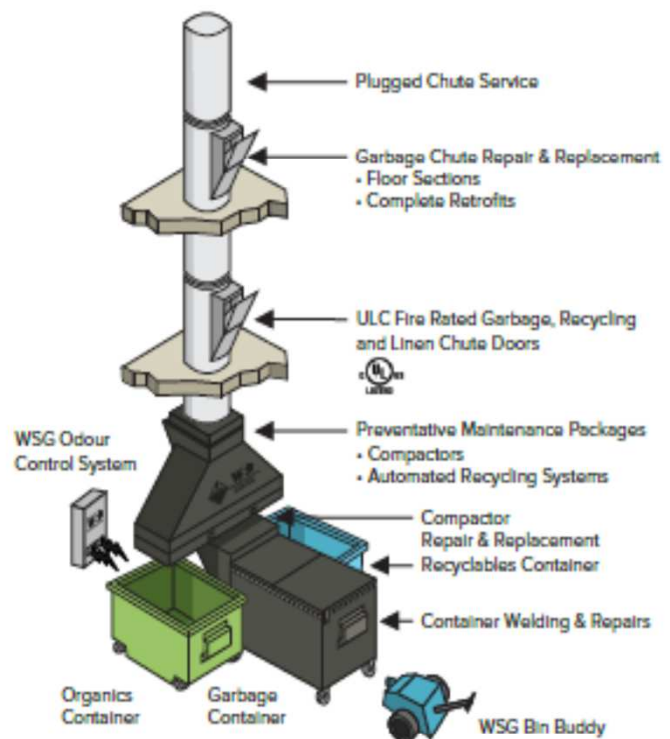
Compactors and Garbage Chutes

- Compactor repairs
- Welding
- Caster and wheel replacement
- Garbage containers - all sizes
- Municipally specified recycling containers
- Compactor impact liners
- Maintenance packages
- Garbage chutes and doors
- Complete chute replacement
- Compactor retrofitting
- Sound proofing
- WSG odour control system

Garbage Container Movers

- Bin Buddy
- Tractors

An industry expert, WSG has earned an exceptional reputation for our unique, multi-tiered approach to waste control and recycling optimization. We manufacture and maintain automated recycling systems, compactors, containers and garbage chutes, making us one of the most comprehensive and professional companies in North America.



WSG Odour Control System - With Ultraviolet Germicidal Bulbs

Already used for more than 20 years in a variety of applications, such as air and water purification, food preparation, and medical research, WSG is the first to bring this technology to high-rise buildings to improve the quality of your garbage room air.

WSG Odour Control System

- High intensity UVC & UVV bulb odour elimination
- Enclosed HEPA filtration system
- CSA approved
- Durable steel casing
- Consistently filters "dirty" garbage room air using a 300 cfm impeller blower
- Destroys chemical and biological odours
- Supported by one (1) year manufacturer's warranty



Equipment & Service Details

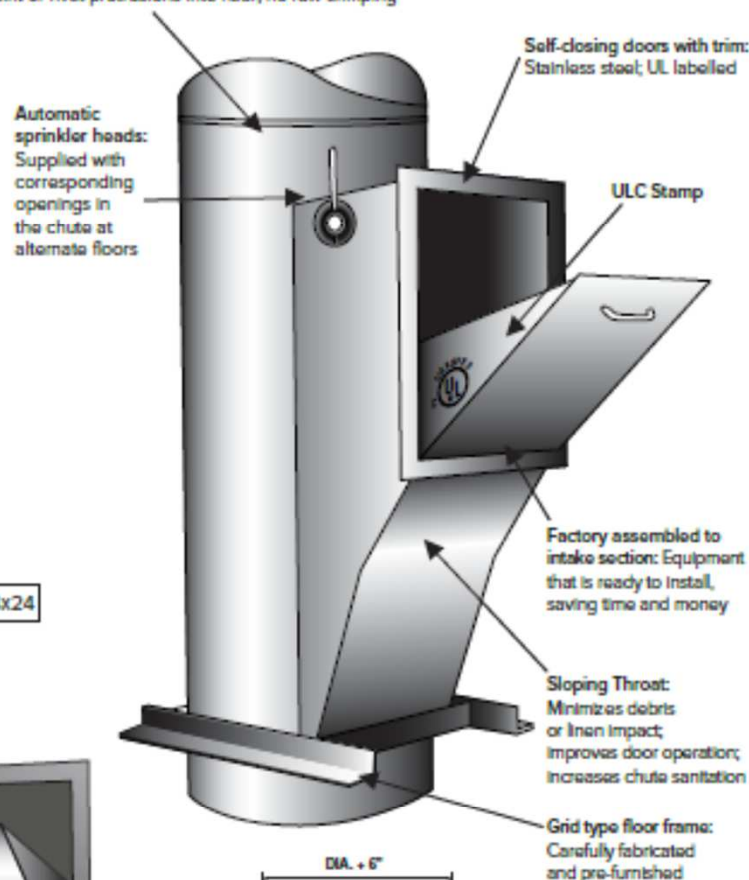
New Construction/Retrofit Chute Installation

Garbage, Recycling, Organics and Linen Chutes

- ULC linen and garbage chute doors with WSG labelling
- Superior materials
- Durable construction
- Low Impact throat design
- Advanced Intake door design
- ULC rated discharge doors
- Automatic fire sprinklers
- Clean and odour free systems
- Sound dampening and insulation available
- Through-wall Intake doors
- Washdown systems
- Complete and floor-by-floor chute retrofits

Working with all major property management companies and developers, WSG has the most extensive project expertise in Canada - from single floor properties to the tallest buildings.

Field roundabout joints: Factory welded joints for improved seams and enhanced safety; no joint or rivet protrusions into riser; no raw crimping



Hinge door sizes (Inches):

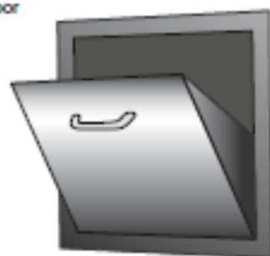
Bottom Hinge	12x12	12x15	15x15	15x18	18x18	21x18	24x24
Side Hinge	12x12	12x15	15x15	18x18	21x21	24x24	

BOTTOM HINGED (Garbage)

When handling loose or small bagged linen or garbage, a hand (or foot) operated bottom-hinged intake door is generally recommended.

Standard features include:

- Stainless steel fabrication
- Hydraulically closing, self-latching
- Side checks to prevent spillage
- Clear opening = 1 inch less than the width x 75% of the height
- UL 1 1/2 hr. fire rating

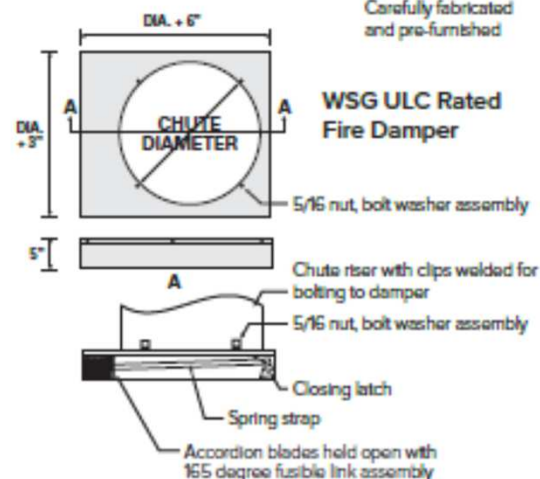
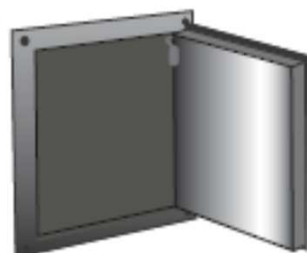


SIDE HINGED (Linen)

When selecting an intake door for general bagged linen use, the square side-hinged intake door is recommended.

Standard features include:

- Stainless steel fabrication
- Hydraulically closing, self-latching
- Swings a full 180° from closed position for full access to the intake opening
- UL 1 1/2 hr. fire rating



Equipment & Service Details

Containers

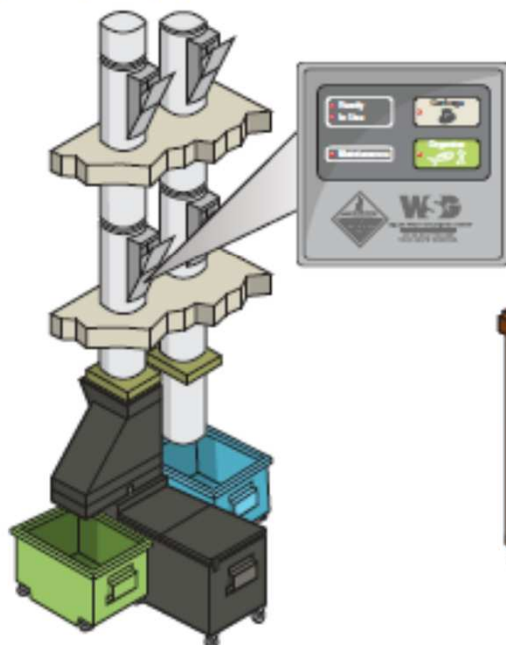
Garbage, Recycling and Organic Front-End Loading Containers

WSG supplies quality-made municipally specified containers. We manufacture both standard (1-yard, 2-yard, 3-yard, 4-yard and 6-yard) and custom sizes to suit your property's unique needs. Our newly engineered FEL "dual" bin, equivalent to the 95-gallon cart, is specifically designed for the smallest of spaces and accommodates front-end collection pick-ups.



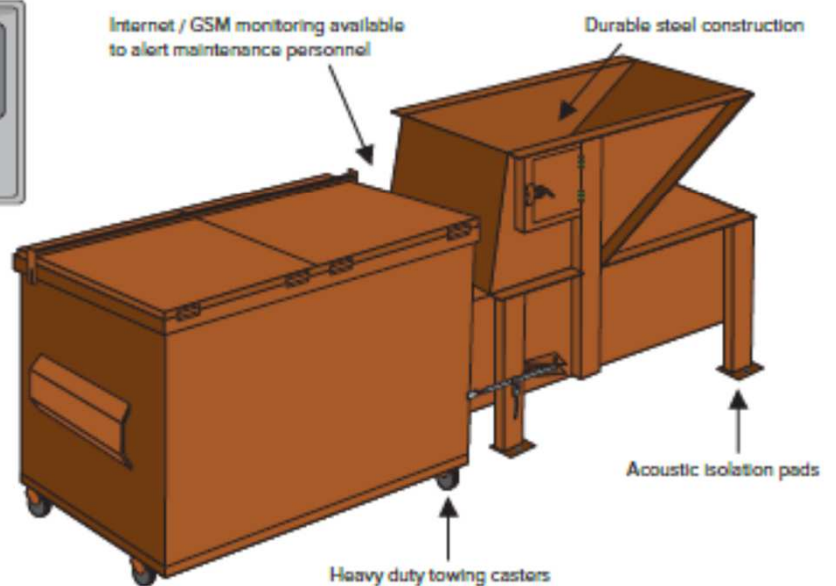
WSG BiSorter

For buildings that have two chutes, the WSG BiSorter allows for both dedicated recycling access and convenient garbage and organic composting options.



WSG Compactors

Our extensive experience in the field of compactors makes WSG the premier sales, service and repairs provider. All WSG compactors meet and exceed municipally specified compaction ratios, ensuring maximum savings.



Equipment & Service Details

WSG TriSorter - New Construction and Retrofits

- Reduces garbage hauling fees
- Increases building energy efficiency
- All-in-one garbage, recycling and organics disposal
- Proven increases in recycling capture rates
- Compliant with municipal compaction ratios
- Flexible leasing program available

With increased building legislation and environmental awareness, high-rise residents expect their buildings to be eco-friendly and to provide recycling facilities that are as convenient as garbage disposal.

Resident Convenience

The WSG TriSorter System is a specialized garbage chute extension that uses a building's existing waste equipment. The system directs residents' materials into one of three existing recycling or waste containers. With the TriSorter, building residents have the convenience of garbage, recycling and organics disposal using the existing chutes on each floor. This eliminates the burden of carrying recyclable materials to another location in (or outside of) the building.

System Benefits

Adaptable - Easily retrofitted into most buildings with minimal disruption to residents.

Convenient - Disposes of organics into the same chute, eliminating the hassle of transporting materials through the building.

Eco-Friendly - Third-party studies show that retrofitted buildings increase their recycling recovery rates and decrease garbage going to landfill and associated tipping fees.

Durable - Reduces the wear and tear on common elements, such as elevators, carpets and wall coverings, by collecting all materials in the same garbage chute.

Sanitary - Maintains an environmentally friendly, clean building as potentially flammable recyclables are not stored on each floor.

Economical - Eliminates expensive door-to-door collection by maintenance staff.

Increased Value - Becomes a cost-saving, eco-friendly amenity and selling feature of the building. Flexible payment plans include leasing and installment terms to reduce capital costs.

Support - Maintained by one of the largest service and support fleets in Canada, and backed by our factory-trained technicians.

Enhanced Value - Additional services include pressurized garbage chute cleaning, odour control systems, preventative maintenance programs and waste equipment life-cycle analysis.

Advanced Environmental Technology (AET) Design

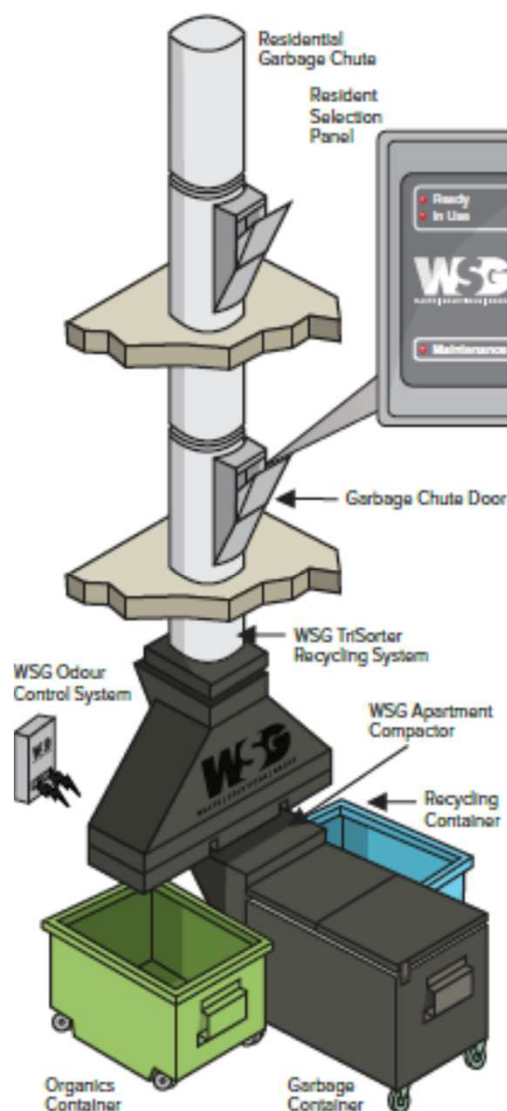
"Smart & Green" - Incorporates the latest environmental technology with solid-state, quality components. Installation contributes to LEED® certification for existing buildings.

Flexible - Programmable components are adaptable to buildings' changing needs.

Energy Efficient - Improved compaction design, including the use of LED lighting and biodegradable oil, reduces energy consumption.

Troubleshooting - Monitoring system signals building staff using existing security hardware, Internet or pager.

Locally Produced - Manufactured from regional materials that support local resources and reduce the environmental impact of long-distance transportation.



Equipment & Service Details

Front End Waste and Recycling Collection

- Container sizes ranging 2-10 cubic yards



Equipment & Service Details

Multi-Residential Tri-Sorters and containers



Equipment & Service Details

Roll-off collection services

- Waste / bulk collection
- Recyclables
- Construction & Demolition projects



Equipment & Service Details

Recycling collection- containers, organics, fibers



Thank You GTAA!

