

# Waste Management Plan and Source Separation City of Burlington - Multi-Residential

<b>Attention:</b>	Solid Waste Resources, City of Burlington, Ontario
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## Development Information

<b>Site Plan No.</b>	
<b>Site Location</b>	Burlington
<b>Name of Development</b>	Pine Street Burlington Corp.
<b>Contact Name:</b>	York Gruehl
<b>Contact Phone No.</b>	905 878 9396
<b>Contact Email:</b>	ygruehl@yorktrafalgar.com
<b>Date [mm/dd/yyyy]</b>	04/16/2019

## Property Information

<b>No. of residential units</b>	39 units
<b>No. of bedrooms per unit</b>	2 Bedroom units
<b>No. of non-residential units</b>	
<b>Housing Type(s):</b>	
<input type="checkbox"/>	Townhouse Row
<input type="checkbox"/>	Townhouse Stacked
<input type="checkbox"/>	Condominium
<input type="checkbox"/>	Apartment
<input type="checkbox"/>	Mixed Development
<input type="checkbox"/>	Institutional
<input type="checkbox"/>	Other (specify)
<b>Mid/High Rise</b>	<input checked="" type="checkbox"/>
<b>No. Floors/Stories:</b>	11 Floors Mixed-use
<b>Total Area, Ground Floor:</b>	2502 ft <sup>2</sup>

Our Property is committed to the use of sound environmental practices and is committed to diverting waste from landfill. This waste management plan demonstrates our commitment to helping sustain our natural environment and comply with relevant environmental legislation.

*"We understand our obligation to source separate waste"*

- We acknowledge that;
  - Multi-residential properties in Ontario are governed by the waste management legislation, both of which require multi-residential units with six or more units to source separate waste:
  - The waste/recycling collection system will be equally assessable to all resident/tenant
  - The building will implement a chute design, with 2 systems structured to support source separation of waste and recycling
  - Diverter chutes accessible on each floor of the building, convenient for residents in terms of travel distance and will maximize the opportunities for all residents to sort all waste generated into, Recyclables and Garbage
  - Collection Vehicles are single axle, mini residential units, providing drive in service with minimum access requirement, Turning Diameter - Curb to Curb: ft 50.4 (equivalent to F450 pickup truck for space maneuverability) **(This bullet point not applicable)**

Plan Description and relevant site design characteristics:

For all developments and redevelopments:	
<input type="checkbox"/>	A traffic geometric has been performed and is attached for a standard three-axle waste collection vehicle <b>Not Applicable (Custom Private Collection)</b>
<input type="checkbox"/>	An internal roads layout designed to permit continuous collection without reversing, and with no reversing onto public roadways. <b>Not Applicable (Custom Private Collection)</b>
<input type="checkbox"/>	In cases where the collection vehicle is required to drive onto or over a supported structure (such as a ventilation grate, transformer cover, or underground parking garage or ramp), a letter certified by a professional engineer stating that the structure will safely support a weight of 35 tonnes. <b>Not Applicable (Custom Private Collection)</b>

<b>For curbside collection systems:</b> Not Applicable (Custom Private Collection)	
<input type="checkbox"/>	1.5m <sup>2</sup> of in-unit storage space (garage, storage area) or 70 cm of garage depth will be dedicated to accommodating Recyclables, Organics and Garbage collectively
<input type="checkbox"/>	Set out frontage of 2.5 metres wide by 1-metre deep and an additional 1 metre of unobstructed space behind the waste Containers
<input type="checkbox"/>	Such storage and frontage to be located in the areas shown, with dimensions, on an attached drawing(s)

<b>For communal collection systems:</b> Not Applicable (Custom Private Collection)	
<input type="checkbox"/>	A footprint of [No. of units x 0.3m <sup>2</sup> per week / #collections per week] will be dedicated for storage of Organics, Recyclables and Garbage. Add space for bin movement, placement, and resident use.
<input type="checkbox"/>	Such storage to be located in the areas shown, with dimensions, on an attached drawing
<input type="checkbox"/>	Alternatively, "in-ground" container types will provide storage capacity. (For the purposes of this Waste Management Plan, please indicate how waste volumes are accommodated by in-ground containers). <b>Note: City service is compatible only with in-ground units that accommodate front-end loading</b> Not Applicable (Custom Private Collection)
<input type="checkbox"/>	As shown in an attached drawing, the property will maintain Recyclables and Garbage containers available at the front entrance and parking lot areas Not Applicable (Custom Private Collection)
<input checked="" type="checkbox"/>	Individual access on each floor or the ground floor will be provided with equal access for, recycling, and waste
<input checked="" type="checkbox"/>	A chute system, designed to provide source separation for, Recyclables and Garbage will be installed, comprised of the following:
<input type="checkbox"/>	three individual chutes, OR
<input type="checkbox"/>	a tri-sort chute system, OR
<input type="checkbox"/>	a bi-sort system and second single chute
<input type="checkbox"/>	An such automated bi-sort or tri-sort systems must include
<input checked="" type="checkbox"/>	a mechanical locking system allowing the door to open only when the chute is lined up for the appropriate material selected,

<input type="checkbox"/>	a mechanical locking system configured to lock out the chute(s) while someone is servicing the chute system or accessing the waste storage room where the chute system is located
<input type="checkbox"/>	Collection Points consisting of a level reinforced concrete pad suitably sized to accommodate all waste containers to be serviced, finished to a minimum of 200 mm depth of reinforced concrete or a City approved alternative (i.e. heavy-duty uniform pavers) <b>Not Applicable</b>
<input type="checkbox"/>	Loading pad(s) in number and size appropriate for the quantity of Waste containers set out for collection, and not be less than 6 metres wide <b>Not Applicable</b>
<input type="checkbox"/>	A minimum unencumbered vertical clearance for the entire loading area of 8 metres to accommodate collection vehicles <b>Not Applicable</b>
<b>Provide drawings, separate from site plan drawings, with dimensions indicating set out location, and access for collection and storage locations for each of Organics, Recyclables and Garbage as part of this Waste Management Plan and Source Separation Commitment, clearly showing, where applicable based on curbside or communal collection:</b>	
<input checked="" type="checkbox"/>	Collection access routes, <b>Waste &amp; Recycling will be removed manually from interior garbage room</b>
<input type="checkbox"/>	Outdoor storage areas <b>(Not Applicable)</b>
<input checked="" type="checkbox"/>	Communal collection point(s) <b>diverting chute connected to 11 floors to waste collection room/storage area as layout in the architectural drawings</b>
	Curbside collection area <b>(Not Applicable)</b>
<input checked="" type="checkbox"/>	Custom Equipment and Private Collection <b>One (1) 3 cubic yard custom steel containers with front doors for manual unloading of bagged waste material</b>
	<b>One (1) 3 cubic yard costume steel container with front doors for manual unloading of bagged recycling</b>
	<b>Each container will be placed, side by side in the collection/storage area under a material diverting chute which is connected to all 11 floors as layout in the architectural drawing</b>
	<b>Material is diverted by control switch on each floor</b>

Waste Collection is based on 0.3 m2 for 39 units, equivalent to once per week service

Recycling Collection is base on volumes 0.7 m2 for 39 units equivalent to 1.5 services per week

Note\*Occupancy Rates may alter both waste and recycling volumes

**Present this Waste Management Plan to the property managers and owners, to assist them in understand their obligations, which include at a minimum:**

<input checked="" type="checkbox"/>	Providing to all new residents a copy of the Waste Management Plan, including sorting details, drawings and program information, prior to entering into purchase or rental agreements. A copy of the Waste Management Plan will also be provided to existing tenants and owners upon creation or revision
<input checked="" type="checkbox"/>	Placing signage for sorting requirements, and lists of items for Organics, Recyclables, and Garbage, in all waste storage or chute areas and on or above all containers
<input checked="" type="checkbox"/>	Asking residents to acknowledge receipt of the plan and commit to source separating their waste

**Remind property managers or owners that all agreements for private waste collection shall include wording to ensure that:**

All source separated **Organic** material is delivered to an approved Ministry of the Environment, Conservation and Parks organics waste processing facility with the intent of recovering the material and converting it into compost or other beneficial use

<input checked="" type="checkbox"/>	All source separated Recyclable material shall be delivered to an approved Ministry of the Environment, Conservation and Parks material recovery facility with the intent of recovering the recyclable material for beneficial use
<input checked="" type="checkbox"/>	All <b>Garbage</b> is delivered to an approved Ministry of the Environment, Conservation and Parks waste management site
<input checked="" type="checkbox"/>	In the event that the service provider offers Organics and/or Recyclables recovery through mixed waste or other processing option, all mixed Waste is delivered to an approved Ministry of the Environment, Conservation and Parks facility with the intent of recovering the Organics and/or Recyclable material for beneficial use

<b>Print Name:</b>	<b>Signature:</b>
<b>Title:</b>	<b>Company:</b>
<b>Advantage Waste Systems - Michelle Ciccaglione</b>	
<b>1-888-393-7687 extension 2103</b>	
<b>michelle@advantagebin.ca</b>	

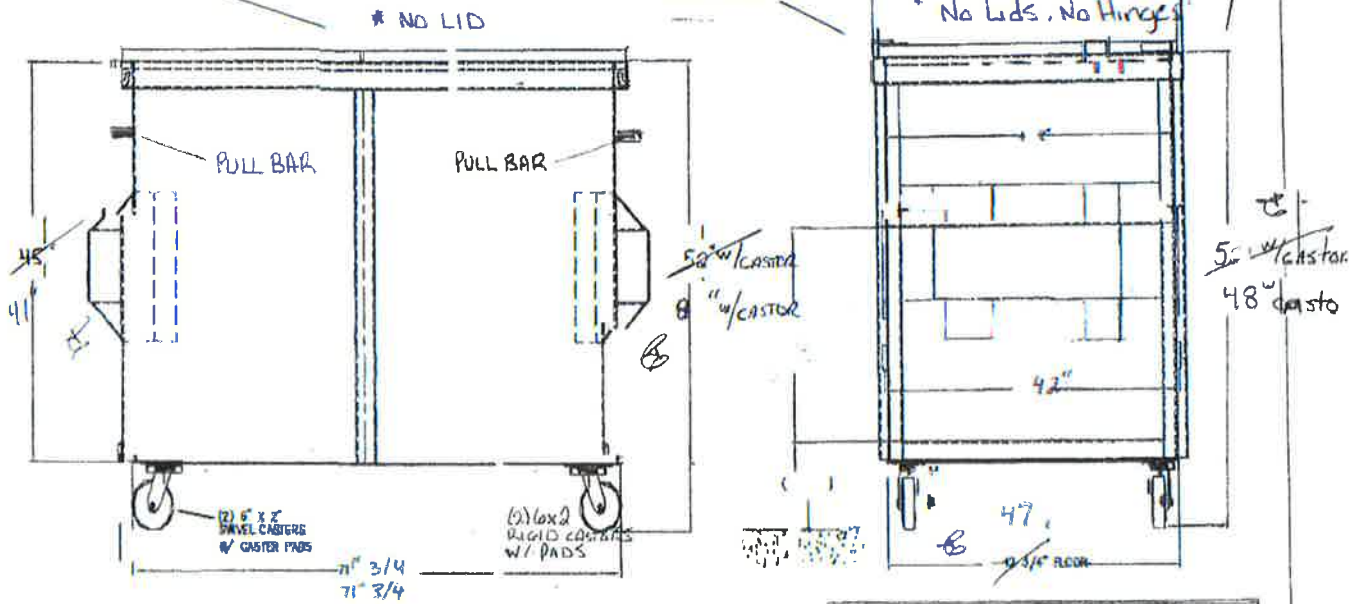
Item # 1

Pine Street Burlington  
Custom 4 yd Container

Modified 4yd Open Top ~~No Lids~~ Option

INDICATE LID TYPE  
PLASTIC / METAL / NONE

PLEASE INDICATE  
STEEL LID HINGE  
LOCATION



**APPROVAL**  
APPROVED BY: Michelle Cicaglione  
DATE: April 17, 2019

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		SIZE SPECS FOR 4 YD FB Pine CONTAINER 10-5-09 SCALE: HFS DWR: BR DWG. NO. REF. DRAWING: RVT: APPROVAL 1			