

Green Bin and Collection Program Changes

**Prepared for Civic Works Committee
Meeting on August 15, 2023**



#LdnOnt
ClimateAction



London
CANADA

Collection System (previously approved)

- Weekly Green Bin and Blue Box
- Bi-weekly Garbage
- Need to address Statutory Holidays
- Community engagement (early 2021) on Green Bin program design and concerns with bi-weekly garbage:
 - 3,777 responses
 - 9,180 unique visitors
 - 54,000 total page views



Curbside Green Bin and Kitchen Container (Provided) (previously approved)

Will be delivered to about 110,000 to 120,000 households with curbside service

Features:

- Size = 45 litres
- Height = about 60 cm (24 in)
- Has wheels

Features:

- Size = 7 litres
- Handle



What Goes in the Green Bin (previously approved)

Food Waste

- Baked goods, candies
- Bread, cereal, pasta, noodles, rice, beans, grains
- Coffee filters and grounds, paper teabags
- Dairy products, including milk, yogurt, butter, cheese
- Dry baking ingredients, herbs, spices
- Eggs, eggshells
- Fats, cooking oils, food grease (liquid or solid)
- Fruits and vegetables (cooked or raw, including peels, scraps and pits)
- Meat, poultry, seafood, giblets, bones
- Nuts, seeds
- Salad dressing, mayonnaise, gravy, sauces

Food-soiled Paper Products

- Paper napkins, paper towel, tissues (provided they are free of contaminants, such as household cleaners)
- Paper plates, cups, muffin wrappers (un-waxed and un-plasticized)
- Pizza boxes, cardboard
- Un-plasticized soiled paper food packaging (such as flour bags)
- Cardboard egg cartons

Other Items

- Household plants (including soil), cut flowers
- Pumpkins
- Wooden stir sticks, chop sticks, popsicle sticks, toothpicks
- Newsprint, paper bags (to wrap food and line containers)
- Waxed paper



Bin/Container Liners (Not Provided) – Resident's Choice (previously approved)



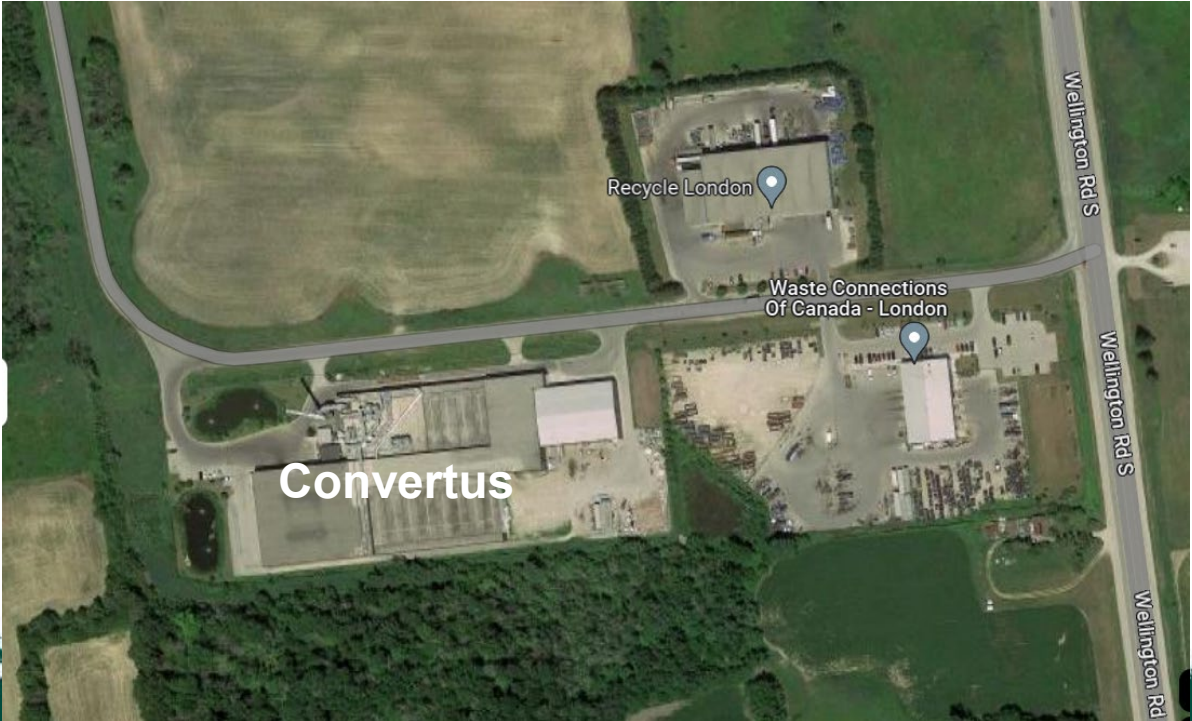
Kitchen container liners \$0.15 to \$0.67 per bag

Small Green Bin liners: \$0.37 to \$1.50 per bag

Large Green Bin liners: \$0.80 to \$1.60 per bag



Green Bin Processing – Convertus Canada Inc. (previously approved)



Major Dates Leading to Program Launch

Date	Item
Early-Sept., 2023	Interim Waste Reduction & Conservation Calendar from Oct. 1, 2023 to Jan. 15, 2024
Mid-Sept., 2023	Start of promotion and education program
Mid-Oct., 2023	Start of Green Bin, kitchen container and program information delivery to households
Mid-Dec., 2023	Completion of Green Bin delivery to households
Jan. 15, 2024	Start date for Green Bin Program and new Collection Zones



Remaining Decisions and/or Changes

- Collection Schedule
- Container Limit
- Bag Tag and Bagged Residential Garbage Fees
- Managing Pet Waste, Diapers and Incontinence Products
- Large Furniture and Large Bulky Items
- Need for Interim Calendar
- Monitoring and Reporting Back



Green Bin, Blue Box and Garbage Collection (3 Container/Bag Limit)

Collection Service and/or Items to Collect	Current Services – Number of Pickups/Yr	Proposed Services – Number of Pickups/Yr
Green Bin	0	50
Garbage (including 3 Container Limit Exemption Pickups)	42	26
Blue Box	42	50

- Current – 126+ bags/containers of garbage 42 times per year with 3 Container/Bag Limit
- Proposed – 128+ bags/containers of garbage (26 times) and Green Bin (50 times) per year with 3 Container/Bag Limit



Green Bin, Blue Box and Garbage Collection – Example Schedule

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
4	5 D1 - GB, R D2 - GB, G, R	6	7	8	9	10
11	12 D1 - GB, G, R D2 - GB, R	13	14	15	16	17
18	19 Family Day (no collection)	20 D1 - GB, R D2 - GB, G, R	21	22	23	24
25	26	27 D1 - GB, G, R D2 - GB, R	28	29		



Green Bin, Blue Box and Garbage Collection – Statutory Holidays

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2 C1 - GB, G, R C2 - GB, R	3
4	5	6	7	8	9 C1 - GB, R C2 - GB, G, R	10
11	12	13	14	15	16 C1 - GB, G, R C2 - GB, EG, R	17
18	19 Family Day (no collection)	20	21	22	23	24
25	26 C1 - GB, EG, R C2 - GB, G, R	27	28	29	EG = extra garbage pickup due to longer cycle	



Garbage Tag Fee and Bagged Residential Garbage Delivered to EnviroDepots

- Current fee for both is \$1.50
- Has been in place at this fee level since 2012
- Proposed to change to \$2.00
- Other municipalities range from \$1.75 to over \$6.00 with the average price being about \$2.60



Managing Pet Waste, Diapers, Incontinence Products

- Households with these waste items will be required to hold onto them 4 to 6 days longer than current garbage collection system
- EnviroDepots represent an opportunity if service is needed before a scheduled pickup for a proposed fee of \$2.00 (open year round with reduced hours between mid-December and mid-March)



Large Furniture and Large Bulky Items

- Split packers cannot handle large items
- Municipalities have different programs from No Service to programs with User Fees
- Current London - up to 2 cubic metres for each pickup
- Proposed London – booking service and 4 Item limit per pickup on scheduled collection day



Need for Interim Waste Reduction & Conservation Calendar

- Current Calendar ends September 30, 2023
- Need Interim Calendar from October 1, 2023 until January 15, 2024
- To reduce cost; awareness and distribution will be as follows:
 - City website - on-line system and downloads
 - RecycleCoach App (about 63,000 subscribers)
 - Hard copies available at City facilities and other locations across London



Monitoring and Reporting Back

After Launch:

- A monitoring system to determine:
 - the level of household satisfaction with the Green Bin and collection program changes
 - Focus - managing pet waste
 - Focus - managing diapers and incontinence products
- Report back late 2024 (or sooner, if needed)



Multi-Res Source Separated Organics (SSO or Green Bin) Pilot Project

- Green Bin systems are much more challenging in multi-residential buildings
- Council has supported looking at a small pilot project (“Green Cart”)
- Many challenges . . . many future opportunities. . . lots of collaboration needed



Common On-Site Containers for Multi-Res Pickup

