

Appendix II: Evaluation of Garbage, Recycling and Organic Collection Options

Table 1 - Evaluation of Garbage Collection Options

	Increases Diversion	Addresses Resident Concerns	Reduces Litter	Prevents Vermin and Vector	Aligns with Potential User Fee
Carts	Based on data, cart-based collection results in higher waste diversion and lower contamination.	Option to select a small cart, which minimizes the footprint when combined with a small recycling cart and 46 to 80 litre organics cart.	Lidded carts reduce litter as bags may come untied or be ripped open by animals.	Lidded carts prevent vermin from accessing garbage in comparison to bags.	If user fees are based on the size of the garbage cart this option would align best with user fees.
Bags	Experience has demonstrated that residents are less likely to participate in organics collection.	Residents will not be required to store carts. Residents can carry bagged waste to the curb.	Bag-based programs can generate litter as bags may come untied or be ripped open by animals.	Residents on bag-based collection are likely to place food waste in garbage bags. This is known to attract rodents.	User fees could be based on bags (e.g. through the use of certified bags or bag tags).
Front End Containers	Does not increase diversion as it provides a convenient option for residents to place everything into one bag.	Poses spacing concerns in complexes where collection pads need to be built and may require containers to be placed next to an end unit and take away valuable parking spaces.	Front-end garbage containers are lidded and reduce litter.	This will further exaggerate the existing vector and vermin issue as residents leave garbage outside of the container.	User fees could be based on number of front-end containers.

Table 2 – Evaluation of Recycling Collection Options

	Increases Diversion	Addresses Resident Concerns	Reduces Litter	Prevents Vermin and Vector	Ability to transition to EPR	Aligns with Potential User Fee
Carts	Based on data, cart-based collection results in higher waste diversion and lower contamination.	Option to select a small cart, which minimizes the footprint when combined with a small recycling cart and 46 to 80 litre organics cart.	Lidded carts reduce litter as bags may come untied or be ripped open by animals.	Lidded carts prevent vermin from accessing unrinsed recyclables in comparison to bags.	Changes implemented from now to transition, may not be funded. Recycling carts are consistent with the current system and will be accepted.	Carts will allow residents to store more recyclable material and reduce the amount of garbage generated, affecting the user fee.
Bags	Based on data, bag-based collection results in lower waste diversion and greater contamination.	Residents will not be required to store carts. Residents can carry bagged waste to the curb.	Bag-based programs do not reduce litter as bags may come untied or be ripped open by animals.	Experience has shown that unrinsed containers in bags attract vermin and vectors.	Changes implemented from now to transition, may not be funded. Bagged recycling is consistent with the current system and will be accepted.	In order to participate in the recycling program, residents will be required to purchase recycling bags in addition to paying user fees.
Front End Containers	Does not increase diversion as it provides a convenient option for residents to place everything into one bag.	Front-end collection may pose spacing concerns in complexes where collection pads need to be built and may require containers to be placed next to an end unit and take away valuable parking spaces.	Front-end recycling containers are lidded and reduce litter.	This will further exaggerate the existing vector and vermin issue as residents leave garbage outside of the container.	Changes implemented from now to transition, may not be funded. Front end recycling is consistent with the current system and will be accepted.	A user fee on front end garbage containers will encourage property managers to work more closely with residents to increase participation in the recycling program.

Table 3 – Evaluation of Organics Collection Options

	Increases Diversion	Addresses Resident Concerns	Reduces Litter	Prevents Vermin and Vector	Aligns with Potential User Fee
100L cart	100 litre organics cart provides more capacity for resident to divert organics waste from the garbage.	Does not address resident's concerns regarding storage.	Lidded carts reduce litter.	Lidded organic carts also lock to further prevent vermin and other animals from accessing the material.	A user fee on garbage should encourage residents to effectively participate in the organics program. 100 litre carts will allow residents to store more material.
60-80L cart	60-80 litre organics cart provides some capacity for resident to divert organics waste from the garbage. Additional capacity will be needed once diapers and pet waste are added to the organics program.	This option address residents' concerns as it has a smaller footprint than the 100 litre cart.	Lidded carts reduce litter.	Lidded organic carts also lock to further prevent vermin and other animals from accessing the material.	A user fee on garbage should encourage residents to effectively participate in the organics program. 60 – 80 litre carts will allow residents to store some material.
46L cart	46 litre organics cart provides less capacity for resident to divert organics waste from the garbage. Additional capacity will be needed once diapers and pet waste are added to the organics program.	This option address residents' concerns as it has a smaller footprint than the 100 litre cart. Residents can carry the 46 litre cart to the curb.	Lidded carts reduce litter.	Lidded organic carts also lock to further prevent vermin and other animals from accessing the material.	A user fee on garbage should encourage residents to effectively participate in the organics program. A 46 litre cart may not provide enough capacity for residents.
Front End Containers	Based on past pilot programs, front- end organics collection in a multi-residential setting results in low diversion rate and high contamination rates.	Front-end collection may pose spacing concerns in complexes where collection pads need to be built and may require containers to be placed next to an end unit and take away valuable parking spaces.	Front-end organic containers are lidded and reduce litter.	Although lidded, there are many access points for vermin. This will further exaggerate the existing vector and vermin issue as residents leave garbage outside of the container.	A user fee on front end garbage containers will encourage property managers to work more closely with residents to increase participate in the organics program.