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Evaluation Scoring Guide

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Criteria	Indicators	Low (1)	Medium (2)	High (3)
Environmental Impact/Benefit				
Local Environmental Impact/Benefit	Potential impacts/benefits to land resources.	Potential to contaminate ground surface.	Minimal to no impact/benefit to land resources. No contact with ground surface.	End-product can benefit land (e.g. compost, digestate, biosolids).
	Potential impacts to local airshed.	Significant release of emissions to atmosphere.	Some release of emissions to atmosphere.	Minimal to no release of emissions to atmosphere
	Potential impacts to local water sources.	High potential to contaminate water.	Some potential to contaminate water.	Minimal to no release of potential contaminants to water.
	Potential water consumption requirements.	Large quantities of water required (e.g. for processing).	Some water required for cleaning, staff facilities, etc.	Minimal to no water required.
	Total land required and land use displacement.	Requires additional land for implementation and operation.	Minimal to no additional land required.	Potential to “free up” space/land. Located on existing site/building.
Regional/Global Environmental Impact/Benefit	Energy and fossil fuel generation / consumption.	More fuel used to haul materials a longer distance (i.e. more consumption). Increased in Power Consumption	Minimal to no energy and fossil fuel generation/consumption.	Energy generated to offset fuel/energy used.
	Greenhouse gas (GHG) contributions.	Option results in increased traffic/ vehicles and/or hauling material longer distances. Option results in more methane generating material going to landfill.	Minimal to no additional GHG emissions produced.	Production of biofuel/energy offsets GHG emissions or displaces uses of traditional fuel. Consolidation of facilities/vehicles. Minimal to no vehicle usage. Diverts methane generating material from landfill.
Public Health Impact/Benefit	Potential to impact human health	Potential for adverse impacts on public health.	Minimal to no potential for beneficial impact on public health.	Potential for beneficial impact on public health.
	Potential to impact ecological health	Potential for off-site release of potential contaminants.	Minimal to no potential for off-site release of potential contaminants.	Benefit to ecological health by reducing potential contaminants to the environment.
Potential to Increase Diversion	Ability to recover additional reusable and/or recyclable materials	Minimal to no potential for diversion. (0-1%)	Some potential for diversion. (2-5%)	High potential for diversion. (>5%).

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Waste Hierarchy	Consistency with the priorities of the waste hierarchy	Minimal to no consistency with the priorities of the waste hierarchy. Option manages waste with little to no value or beneficial use.	Some consistency with the priorities of the waste hierarchy. Option recognizes resource value of waste and provides opportunities for recycling, materials recovery, and beneficial use of materials.	Significant consistency with the priorities of the waste hierarchy. Option places emphasis on the reduction and/or reuse of materials to prevent their entering the waste stream.
Social Impact/Benefit				
Approvals Complexity	Complexity associated with approvals and permitting requirements	Large complex multi-stakeholder approvals required (e.g. EA).	Medium complexity approvals required (e.g. ECA or amendment, Zoning by-law change).	No other approvals required.
Potential for Land Use Conflicts/ Community Interruption	Potential for traffic increase/reduction	Increase in potential for additional traffic.	Minimal to no increase/reduction in traffic.	Reduction in potential traffic.
	Potential for litter increase/reduction	Increase in potential for litter generation.	Minimal to no increase/reduction in litter.	Reduction in potential for litter generation.
	Potential odour emissions	Potential for increased odour emissions.	Minimal to no odour emissions.	Reduction in potential for odour emissions.
	Potential noise emissions	Potential for increased noise.	Minimal to no noise emissions.	Reduction in potential for noise emissions.
	Potential for increased vector/vermin	Potential for increased vector/vermin.	Minimal to no potential for vector/vermin.	Reduction in potential for vector/vermin.
Collaboration	Ability to partner with other municipalities/ organizations	No ability to partner with any municipality or organization.	Can only partner with a single group (e.g. municipalities) or limited ability to partner.	Ability to partner with a large number of municipalities or organizations.
Complexity	Program complexity to user	Program is complex and requires significant participant education.	Some complexity with need for some participant education.	Program is very easy to use and understand. Option does not involve user.
Convenience	Ease of participation	Not convenient/easy to access, requires significant effort for customer to participate.	Relatively easy to access with limited effort required for customer participation.	No additional effort to participate. Program comes to user (e.g. mobile depot) or can be used in-home/on-site.
Community Safety	Potential for impacts to community safety	Potential to increase number and type of safety issues	Minimal to no potential to increase number and type of safety issues.	Potential for improvement to community safety
Equity	Potential for unequal impacts/benefits to specific groups	Option could have unequal impacts on residents/stakeholders.	Option is available to everyone equally.	Increased equality when compared to current situation.

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Behaviour Change	Potential to influence or encourage behaviour resulting in sustainable waste reduction choices	Minimal to no potential to change behaviour as user is not connected with option (e.g. recovery facility, or landfill).	Some potential to change behaviour through promotion and education activities, campaigns, strategies.	Significant potential to change behaviour through by-law, act, fees, bans.
Financial Impact/Benefit				
Cost	Estimated net capital cost	Highest capital costs relative to other options.	Medium capital costs relative to other options.	Minimal to no capital costs relative to other options.
	Estimated net operating cost	Increases in operating costs.	Minimal to no change to current operating costs.	Potential to reduce operating costs.
Health Care Cost Implications	Potential to increase health care costs	Potential to result in increased health costs	Uncertain although unlikely that the option will result in increased health care costs	Unlikely to result in increased health costs and some potential for reduction in health costs.
Risk	Potential for contractual risk	Complex option with multiple suppliers/parties.	Limited risk with some reliance on implementation/operation by third-parties. Contract risk is manageable.	Minimal to no contractual risk with implementation/ operation with City Staff.
	Schedule risk	High schedule risk. Complex option with multiple suppliers/parties.	Some schedule risk, but manageable. Some risk with timing of approvals.	Minimal to no schedule risk. Option is relatively easy to implement.
	Innovation risk	Significant innovation risk since option involves collection, processing, disposal technology or equipment which is not proven or used in a similar scale as for City of Toronto waste management.	Some innovation risk with some aspects of known collection, processing, disposal technology or equipment which may not have been used at the same scale required for Toronto.	Minimal to no innovation risk, option includes collection, processing, disposal technology or equipment all well known and used at a similar scale as required for City of Toronto.

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Economic Growth	Potential for local economic growth	Minimal to no potential for local economic growth. Option not situated in the City of Toronto.	Some potential for local economic growth. Short term option with limited potential for local economic growth.	Significant potential for local economic growth. Option involves multiple parties which can provide economic growth opportunities. Option results in end-products which require collection, processing, disposal. Option results in beneficial end-product which can be further processed and marketed (e.g. compost, compressed natural gas). Long term option with potential for economic growth in the future.
	Potential for regional/global economic growth	Minimal to no potential for regional/global economic growth.	Some potential for regional/global economic growth on a short term basis.	Significant potential for regional/global economic growth since option utilizes businesses, equipment or technology located in Canada or internationally on a long-term or ongoing basis.
Local Job Creation	Potential for additional local job creation	Option reduces potential for local job creation (e.g. situated outside City of Toronto). Option removes jobs.	Minimal to no potential for local job creation. Option run by volunteers. Option does not provide ability to generate jobs (e.g. reuse events).	Some or significant potential for local job creation. Option creates a number of local short or long-term jobs.
Flexibility	Ability to accommodate future changes	Minimal to no flexibility. Not flexible – can only be located in certain areas, cannot be re-located easily, specific to certain feedstocks, produces limited end-products. Would require significant permitting/approval changes to accommodate changes. Limited or fixed capacity.	Some flexibility. Somewhat flexible – can handle some changes in material or feedstock, could be relocated or sited elsewhere. Minor amendments required for approvals/permits. Somewhat easy to expand.	Significant flexibility. Very flexible - High ability to accommodate future changes in feedstock, materials accepted, location, produces a variety of products with many markets etc. Easily moved to different locations. Modular option, easily expanded.