

March 28, 2025

Director
Environmental Assessment and Approvals Branch
Ministry of Environment
2 St. Clair Avenue West, 12th floor
Toronto, Ontario M4V 1L5

Note to file : As per condition 8.(1) an Financial Assurance in the amount of \$345,000 has been submitted to the Director.

As per condition 8(2) on March 31, 2029 & at a intervals of five (5) years thereafter, the company shall submit a re-evaluation of the amount of Financial Assurance.

Dear Director:

Re: Financial Assurance Evaluation – Stericycle Brampton Site

As required by condition 8(2) of ECA A680324, please find below our evaluation of the amount of financial assurance required under condition 8(1). The re-evaluation includes an assessment based on any new information relating to the environmental conditions of the Site.

Assumptions:

- Maximum allowable amount of waste on site: 250 m. tonnes
- The waste stored on site is as follows:
 - 36 m. tonnes (3 bins) of incinerator ashes
 - 214 m. tonnes of untreated waste (all types)
- All the untreated waste will be disposed of by incineration. This disposal method is acceptable for all waste types and also represents the most costly disposal alternative.
- Anatomical biomedical waste storage is limited to the volume (weight) that can physically be stored within the on-site refrigeration unit

Disposal cost:

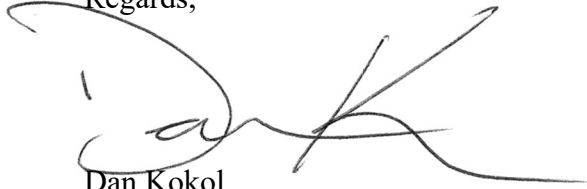
- Incinerator ashes (36 m. tones) are sent to Emerald Energy for final disposal (Waste to Energy Incineration)

○ Disposal cost per m. tonne: \$/tonne	
▪ (36 *\$38.00):	\$4,968.00
○ Transportation cost per bin: \$	
▪ 3 bins @ \$720	\$2,160.00
Total cost incinerator ash disposal:	<u>\$7,128.00</u>
• Untreated waste (214 m. tonnes) is sent to Stericycle, Warren, OH for incineration.	
○ A trailer can hold 10 m. tonnes of waste:	22 shipments required
○ Labor to load all 22 trailers:	
▪ 15 man-hours to load one trailer @ \$50/hour	
▪ 22 * 15 * \$50/hour:	\$16,500.00
○ Disposal cost at Stericycle Warren, OH	
▪ Intercompany rate is US\$ /lbs 0.10	
▪ Conservative rate: CDN\$ /lbs 0.29	
▪ Disposal cost (214 tonnes * 2,204lbs/tonne *\$/lbs):	\$136,780.24
○ Transportation cost to Warren	
▪ 22 return trips @ \$ 4,200	\$92,400.00
Total cost treatable and inc. waste disposal:	<u>\$245,680.24</u>
TOTAL COST WASTE DISPOSAL:	<u>\$252,808.24</u>
• Miscellaneous labour, supervision and clean up	
○ Supervision and securing the premises	
○ 1000 hours @ \$100/hour	\$10,000.00
○ Site clean up	\$25,000.00
GRAND TOTAL WASTE DISPOSAL:	<u>\$287,808.24</u>
• Administrative cost and contingency (20%)	\$57,561.65
<u>Grand total</u>	<u>\$345,369.89</u>

We therefore recommend that the amount of financial assurance be fixed at \$350,000.

I trust that this is the information required and that it meets with your approval. Should you have any questions or require additional information, please do not hesitate to contact me accordingly.

Regards,



Dan Kokol
Operational ESH Manager
Stericycle ULC.

INTERCOMPANY INCINERATION RATE

Collection Sub	Processing Sub	Total Weight	Waste Processing @ \$0.10 per lb	Collection Sub	Processing Sub	Description
512971	112444	229.8	22.98	Brampton	Warren	Warren proc of Brampton
512977	112444	45,927.1	4,592.71	Brampton	Warren	Warren proc of Brampton
512972	396983	2,058.9	205.89	Alberta	Morton	Morton proc of Alberta
512978	396983	243,512.1	24,351.21	Vancouver	Morton	Morton proc of Vancouver
512972	455551	17.0	1.70	Alberta	StPaul	StPaul proc of Alberta
512974	455551	75,643.8	7,564.38	Winnipeg	StPaul	StPaul proc of Winnipeg
512974	467661	24,961.2	2,496.12	Winnipeg	KansasC	KansasC proc of Winnipeg