



AGENDA

WASTE MANAGEMENT COMMITTEE MEETING

Wednesday, April 12, 2023

Immediately Following the Asset Management Committee Meeting

**Council Chambers
Municipal Office
7 Third Avenue
Whitney, Ontario**

And ZOOM and You Tube Channel: South Algonquin Council

Open Meeting/Call to order

1. Land Acknowledgement

We acknowledge that we are gathered on the unceded Traditional Territory of the Algonquin Anishinaabeg people, specifically the Matouweskarini (people of the Madawaska River). We further acknowledge that the Algonquin People have been stewards of this land since time immemorial and we strive to treat the land along with the flora and fauna it supports, the people, their customs and traditions, with honour and respect. Today, this area is home to people of all walks of life, and we acknowledge the shared opportunities and responsibilities to live, work and survive within this beautiful territory.

Chi-miigwetch, All my relations

2. Additions / Amendments to the Agenda

3. Adoption of the Agenda

4. Disclosure of Pecuniary Interest

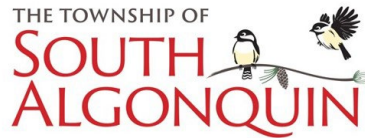
5. Unfinished Business

6. New Business

- Recycling Program – Update on Number of Users

7. Adjournment

Submissions received from the public, either orally or in writing, may become part of the public record.



STAFF REPORT

South Algonquin's Recycling Program

Date: March 7, 2023

From: Brian Ackney, Operations Foreman

BACKGROUND:

On April 28, 2022 the Township of South Algonquin was presented with a proposal from Emterra Environmental for the collection and processing of recyclable materials from the Airy and Lyell landfill sites. This "single stream" collection would divert waste from being landfilled by placing two eight cubic yard front end bins at each site.

All recyclable materials will be collected using a front-end collection vehicle and transported to Emterra's Renfrew Material Recovery Facility (MRF) located at 610 Lisgar Avenue in Renfrew. On May 17, 2022 CAO Bryan Martin and the Works Superintendent visited the Emterra facility with positive reviews.

On July 6, 2022 Council passed Resolution # 22-066 accepting the proposal from Emterra Environmental for front-end recycling at both landfill sites. The recycling bins were delivered in mid August allowing for the collection of glass, plastics, cartons, paper, metal and cardboard. The first day of recycling operations occurred on Wednesday August 24th and was well received by local residents.

Proposed Pricing:

The Contract involves placing a total of four 8 cubic yard front end bins (two per depot). Emterra will collect recyclables from these bins at a minimum of once per month, as residents adjust to the new service. Material collection will cost \$95.00 per bin for a total of \$380.00 plus tax per month. Service frequency can be adjusted throughout the Contract and prices will be updated annually. Emterra proposed an initial term of two years with an optional one-year extension period. An additional front end bin was added at each landfill site last October.

2022 Recycling Totals:

From September 1st through December 31, 2022 Emterra Environmental collected 9,065 kg of recyclables from South Algonquin at a cost of \$6,767.06 for the first 4 months of service. Please note that there was no designated budget for this project in 2022.

2023 Recycling Projections:

Given the positive response to the program by ratepayers, it would be expected that current volumes will be maintained and will likely increase during the summer season, as the municipality's population increases. In the first six months of operation the Recycling Program exceeded 2,000 kilograms harvested per month...except for a slight drop in volume last October (1733 kg). The early data for 2023 indicates the volume of recyclables for January at 2,555 kg, 2,020 kg of recyclables harvested in February and 2,375 kilograms in March.

A budget estimate in the amount of \$22,000.00 has been allotted for the Recycling Program this year. Pricing for 2023 is \$95.00 per lift plus H.S.T. Monthly reports are sent to the Township indicating collection dates, weights, ticket numbers and truck number. A copy of this data was also sent to JP2G Consultants as part of the reporting process for our landfill sites. All materials diverted from landfill sites must be recorded and records retained by the municipality, as required by the MECP. The recycling program must also be registered with the Environmental Activity and Sector Registry (EASR).

April 28, 2022

BY EMAIL ONLY

The Township of South Algonquin
7 Third Avenue
PO Box 217
Whitney, Ontario K0J 2M0

To Whom it May Concern,

Subject: Front-End Bin Recycling Depot Proposal

I'm reaching out to you today to offer the Township of South Algonquin Emterra Environmental's recyclables collection and processing services for materials from your community's public drop-off depots, located at **462 Nipissing Road in Whitney** and **6319 Highway 523 in Madawaska**.

Who is Emterra?

Emterra is a private family-owned, provincially incorporated, Canadian company, which was founded in 1976 in British Columbia, providing recycling services within the province. Emterra has grown exponentially within the industries of recycling, resource recovery, and waste management – housing operations in BC, Saskatchewan, Manitoba, Ontario, and the State of Michigan. Halton Recycling Ltd. does business as Emterra Environmental in Canada, and operations are conducted as Emterra Environmental USA in the State of Michigan.

Emterra Group and Emterra Environmental, respectively, boast core competencies and innovative practices in the servicing of recycling and waste diversion contracts – providing cost effective waste and recyclables recovery services. Emterra has achieved a unique competitive advantage within the industry – embodying a company philosophy of being more than “waste haulers” and in contrast offering resource recovery services. Driven by its circular economy corporate philosophy, Emterra's business model is founded in the transformation of waste into high value and reusable resources that can be reintegrated and remanufactured into new products – applying innovative, cost effective, sustainable, and environmentally responsible methods.

Emterra is comprised of over forty (40) recycling and waste diversion facilities and offices in Canada and the State of Michigan, of which eighteen (18) are large and small scale MRFs handling an extensive range of recyclable materials in both single and multi-stream programs.

Front-End Recyclables Collection

Emterra would like to propose to assist the Township in diverting more material away from the landfill by placing two (2) freshly refurbished **eight (8) cubic yard front end bins** at each public drop-off depot – both Whitney and Madawaska – for a total of **four (4) bins**. These bins will be used to collect **recyclable materials**, which can be placed in the bins as a single stream.

The following image shows an example of what a front-end bin will look like:

Collecting all materials as a **single stream** makes the recycling process easier for residents, as there will be fewer sorting requirements to abide by when utilizing the Township's public



drop-off depots. Less sorting will also result in the public spending less time on-site, improving overall site safety by reducing on-site traffic. All front-end bins will be refurbished with new recycling decals, floors, lids, and paint, prior to the start of the proposed Contract. An **Acceptable Items** list for single stream recyclables has been enclosed, for your reference.

Emterra's Renfrew MRF

All recyclable materials will be collected using a front-end collection vehicle and transported to **Emterra's Renfrew Material Recovery Facility** ("MRF"), located at 610 Lisgar Avenue in Renfrew, for processing. This facility has both single stream and dual stream recyclables processing capabilities and a current processing capacity of 40,000 MT per year. As such, the MRF has the capacity to process the Township's materials.

In December 2019, Emterra took over this facility from a company that had gone into receivership and abruptly closed its operations. Since then, the MRF has undergone significant changes and improvements, now featuring a new OCC screen, an Eddy Current, a magnet, a baler, and three upgraded optical sorters to produce high-quality commodities. The external elements of the building, roof, and yard have also seen substantial upgrades.

The front-end collection vehicle to be used to complete this Work will be parked at Emterra's Renfrew MRF, and the proposed Contract will be managed by our Renfrew management team led by me, Casey Roberts.

Proposed Pricing

This Contract will involve placing a total of **four (4) front end bins** within the Township (two per depot). Emterra will collect recyclables from these bins at a minimum of **once per month**, as residents adjust to this new service offering. Material collection will cost **\$95.00 per bin**, for a total of **\$380.00 + tax per month**. Service frequency can be adjusted throughout the Contract, as needed. The price will also be updated annually, based on the year over year change in the Consumer Price Index (All-Items); there shall be no negative adjustments in any year.

Contract Term

Services can begin with as little as **30 days' notice**. Recognizing that stability for both the Township and Emterra is important throughout the Blue Box transition process, Emterra is proposing an initial term of **two (2) years**, with an optional **one-year extension period**, to ensure that there are no gaps in service during the transition.

Please do not hesitate to contact me if you would like additional discussions or clarifications.

Sincerely,

Halton Recycling Ltd. dba Emterra Environmental



Casey Roberts: Operations Manager, Collections

c.c. Graham Wathen: VP, Collection Operations, Ontario

Acceptable Items



RECYCLE RIGHT: These items are acceptable in your recycling bin.
Ensure all items are **empty and clean**.

PLASTICS

WHAT Empty and Clean Plastic Bottles, Containers and Cups



GLASS

WHAT Empty and Clean Bottles and Jars (All Colors)



CARTONS

WHAT Empty and Clean Boxed Food and Beverage Cartons, Paper Cups



METAL

WHAT Empty and Clean Aluminum and Steel Cans, Aluminum Foil



PAPER

WHAT Newspaper, Magazines, Printed Paper and Shredded Paper
HOW Shredded paper in a paper bag. This is the only item that should be bagged



CARDBOARD

WHAT Flattened and Dry Carboard



Unacceptable items - These items are NOT accepted with your recycling and require alternative handling.



Organic, kitchen, yard and animal waste.



Hazardous waste like paint, gas or aerosol cans, sharp objects, electronics and batteries.



Scrap metal, wires and cables, home and construction waste.



Napkins, paper towels and food soiled cardboard.



Styrofoam™ packaging materials and takeout food/beverage containers.



Textiles, housewares, windows, ceramics, and other reusable items.



Large plastic products like bins or trays, pouches, plastic bags, and toys.



Diapers and personal hygiene products.

SOUTH ALGONQUIN RECYCLING PROGRAM 2022--2023 (EMTERRA ENVIRONMENTAL)

Recycling Program began on Wednesday August 24, 2022 at both landfill sites.

| DATE | LOCATION | WEIGHT (KG's) | UNIT # | #Bins-Airy | #Bins-Lyell | Total Bins | Ticket # |
|----------------|------------|---------------|--------|------------|-------------|------------|----------|
| Sept 1,2022 | Airy/Lyell | 500 kg | 61908 | 1 | 2 | 3 | 14542 |
| Sept 7,2022 | Airy/Lyell | 370 kg | 61908 | 1 | 1 | 2 | 14576 |
| Sept 9,2022 | Airy/Lyell | 300 kg | 61908 | 1 | 1 | 2 | 14601 |
| Sept 14,2022 | Airy/Lyell | 300 kg | 61908 | 1 | 1 | 2 | 14635 |
| Sept 21,2022 | Airy/Lyell | 645 kg | 61908 | 1 | 2 | 3 | 14683 |
| Sept 27,2022 | Airy/Lyell | 546 kg | 61908 | 2 | 2 | 4 | 14730 |
| Monthly Totals | | 2661 kg | | 7 | 9 | 16 | |
| Oct 5,2022 | Airy/Lyell | 380 kg | 61302 | 2 | 2 | 4 | 14795 |
| Oct 11,2022 | Airy/Lyell | 550 kg | 61302 | 4 | 4 | 8 | 14824 |
| Oct 19,2022 | Airy/Lyell | 435 kg | 61302 | 1 | 2 | 3 | 14885 |
| Oct 25,2022 | Airy/Lyell | 368 kg | 61908 | 2 | 1 | 3 | 14925 |
| Monthly Totals | | 1733 kg | | 9 | 9 | 18 | |
| Nov 1,2022 | Airy/Lyell | 488 kg | 61908 | 2 | 1 | 3 | 14980 |
| Nov 9,2022 | Airy/Lyell | 730 kg | 61908 | 2 | 2 | 4 | 15033 |
| Nov 15,2022 | Airy/Lyell | 427 kg | 61908 | 2 | 2 | 4 | 15075 |
| Nov 23,2022 | Airy/Lyell | 576 kg | 61908 | 3 | 3 | 6 | 15124 |
| Nov 30,2022 | Airy/Lyell | 380 kg | 61908 | 1 | 1 | 2 | 15179 |
| Monthly Totals | | 2601 kg | | 10 | 9 | 19 | |
| Dec 7,2022 | Airy/Lyell | 380 kg | 61908 | 2 | 2 | 4 | 15227 |
| Dec 14,2022 | Airy/Lyell | 450 kg | 61908 | 1 | 2 | 3 | 15280 |
| Dec 21,2022 | Airy/Lyell | 530 kg | 61908 | 2 | 2 | 4 | 15334 |
| Dec 28,2022 | Airy/Lyell | 710 kg | 61908 | 2 | 2 | 4 | 15376 |
| Monthly Totals | | 2070 kg | | 7 | 8 | 15 | |

YEARLY TOTAL FOR 2022 = 9,065 kg Comingle-Fibre & Container (CO1).

Material hauled to Emterra Environmental, 610 Lisgar Ave, Renfrew, Ontario.K7A 3Z8

613-432-7555

| | | | | | | | |
|----------------|------------|---------|-------|---|---|----|-------|
| Jan 4,2023 | Airy/Lyell | 700 kg | 61908 | 2 | 2 | 4 | 15458 |
| Jan 11,2023 | Airy/Lyell | 590 kg | 61908 | 2 | 1 | 3 | 15488 |
| Jan 18,2023 | Airy/Lyell | 770 kg | 61908 | 2 | 2 | 4 | 15542 |
| Jan 25,2023 | Airy/Lyell | 495 kg | 61908 | 2 | 1 | 3 | 15597 |
| Monthly Totals | | 2555 kg | | 8 | 6 | 14 | |

2023 Pricing: \$95.00 per lift plus H.S.T. 14 bins @ \$95 per lift = 1,330.00 plus \$172.90 HST= \$1502.90

Invoice #: SA2023-01C

| | | | | | | | |
|----------------|------------|---------|-------|---|---|----|-------|
| Feb 1/23 | Airy/Lyell | 465 kg | 61908 | 2 | 1 | 3 | 15639 |
| Feb 8/23 | Airy/Lyell | 365 kg | 61908 | 1 | 1 | 2 | 15707 |
| Feb 15/23 | Airy/Lyell | 450 kg | 61908 | 2 | 1 | 3 | 15748 |
| Feb 25/23 | Airy/Lyell | 740 kg | 61908 | 2 | 2 | 4 | 15814 |
| Monthly Totals | | 2020 kg | | 7 | 5 | 12 | |