



Central Regional Service Board
2023
Annual Report
Dept. of Municipal and Provincial Affairs

Submitted By:

Edward Evans

Chief Administrative Officer, CRSB

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Central Regional Service Board (CRSB) is required, under the Dept. of Environment and Climate Change Certificate of Approval (COA), to provide an annual monitoring of operations report.

The C.A.Os included in this report are:

- Approval to operate a Regional Waste Management Facility to serve the Central Newfoundland Region, and to accommodate incoming municipal solid waste from the Western, Northern Peninsula, Baie Verte/Green Bay and Coast of Bays Region. Approval No. WMS 17-12-001 File No. 839-CRS-001, (Dec 1, 2017 – Dec 31, 2023).
- Approval to operate seven (7) Municipal Waste Transfer Stations located at Buchan's Junction, Fogo Island, Gander Bay, Indian Bay, New World Island, Point Leamington, and Terra Nova. Approval No. WMS-17-12-004, File No. 839-CRS-001, (Dec 1, 2017 – Dec 31, 2023).
- Approval for CRSB to report on the Town of St. Brendan's Waste Recovery Facility. Approval No. WMS-17-12-005, File No. 839-CRS-001 (Dec 1, 2017- Dec 31, 2023).
- Approval for CRSB to report on the Town of Change Islands Waste Recovery Facility. Approval No. WMS-17-12-006, File No. 839-CRS-001, (Dec 1, 2017 – Dec 31, 2023).

The following represents this report:

Sections 123 – 124 Reporting

123 (a) Quantity, type, source, and carriers of waste received;

The Type and Quantities are: **(ATTACHMENT #1)**

1. Clear Garbage Bags.....	Note 1.....	48,412.28 Tonnes
2. Transparent Blue Bags.....		1,896.55 Tonnes
3. Construction/Demolition/Bulk (Sorted).....		7,424.16 Tonnes
4. Construction/Demolition/Bulk (Mixed).....		10,808.86 Tonnes
5. Metals	Attachment # 11	769.42 Tonnes
6. Cardboard.....		1,279.86 Tonnes
7. Household Hazardous Waste (HHW).....	Attachment # 2 ...	22.43 Tonnes
8. Paint Waste.....	Attachment # 3	24.85 Tonnes
9. E-Waste.....	Attachment # 7	36.00 Tonnes
10. Tires.....(oversized).....		215.76 Tonnes
Total Tonnage.....		70,890.17 Tonnes

Note 1: Clear Garbage Bags

***CRSB – 19,865.96 Tonne**

***WRSB – 28,546.32 Tonne**

Note 2: MMSB Program Tires

-CRSB Collected and Transported 9259 MMSB Program Tires. (Attachment #6)

123 (a) Waste received at the CRSB Regional Site or at one of the seven (7) Transfer Stations was delivered by:

1. Contractors
2. CRSB Curbside Collections Program
3. Town's Collection Contractors
4. Town's Employee's
5. Individuals

The Source (origin) of the waste:

1. Residential Solid Waste.
2. Residential Construction, Demolition and Bulk Waste.
3. Commercial Construction, Demolition and Bulk Waste.
4. WRSB – Clear Bag and Mixed Waste.
5. Other parts of the province – Special Waste.

Special Waste:

Asbestos Waste	(Attachment #4)	160.02 Tonnes
International Waste	(Attachment #5)	48.85 Tonnes
Used Oil, UOMA	(Attachment #12)	19,804 Liters

Other special waste, such as animal carcasses, mortalities or road kill, as identified by the Dept. of Wildlife and or Fisheries and Oceans, are disposed of in a similar fashion as international waste, usually under the supervision of the Federal/Provincial Departments.

123 (a) Special Waste Collectors:

Asbestos	(Attachment 4)
• PBO	
• PBO (Power Vac)	
• GFL	

International Waste	(Attachment 5)
• PBO/Murphy Brothers	

123 (b) Quantity and type of materials recycled:

1. Metals (Newco).....Attachment # 11.....	769.42 Tonnes
2. Paint Waste (Product Care)...Attachment # 3.....	28.35 Tonnes
3. E-Waste(EPRA).....Attachment # 7.....	36.00 Tonnes
4. HHW.....Attachment #2.....	22.43 Tonnes
5. Cardboard.....	1,279.86 Tonnes
6. Blue Bag Recycling Material (HRI).....	<u>1,896.55 Tonnes</u>
TOTAL.....	4,032.61 Tonnes

6.1 Blue Bag Materials Bailed Tonnage: (Attachment #9)

• Mixed newsprint/paper.....	851.91 Tonnes
• OCC - Cardboard.....	1,501.19 Tonnes
• PET.....	58.04 Tonnes
• HDPE.....	63.63 Tonnes
• Mixed Tubs/Lids.....	19.91 Tonnes
• Steel.....	108.09 Tonnes
• Aluminum.....	19.24 Tonnes
• Tetra/Gable/Milk Cartons (Poly C).....	<u>54.10 Tonnes</u>
TOTAL.....	2,662.17 Tonnes

6.2	Used Oil, UOMA.....Attachment #12.....	19,804	Liters
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123 (c) Quantity of residual materials received at or transferred to the Regional Site:

Attachment #8 shows the materials delivered to the Regional Site from (7) Transfer Stations. The transferred column indicated the tonnage transferred to the Regional Site with the following explanations:

1. Transferring the Clear Bag to the Regional Site also includes the C & D Mixed.
2. Transferring the Blue Bag to the Regional site also include cardboard.
3. The HHW, E-Waste, Paint Waste are collected by CRSB HHW Collection cube van.
4. Metals are collected by Newco.
5. Program Tires are collected by the MMSB Tire Program.
6. Other tires & sorted material are collected by CRSB and delivered to the Regional Site.

123 (d) Quantity and type of Waste Dangerous Goods removed at the final disposal site:

1. HHW collected and shipped in 2021..... (Attachment #2)	22.43 Tonnes
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HHW includes materials such as:

- Aerosol Cans
- Antifreeze
- Cleaning Products
- Fertilizers
- Fluorescent Light Bulbs
- Medications
- Motor Oil
- Paint
- Batteries
- Propane Tanks
- Herbicides/fungicides
- Insecticides/pesticides
- Kerosene
- Lighters with contents
- Sealants
- Solvents
- Pool chemicals

123 (e)

Records of any waste diversion

1. Recycled Material as recorded in 123 (b)..... 4,032.61 Tonnes

123 (f)

A summary of the water quality monitoring results for the sedimentation pond, surface water, and ground water monitoring program. – ATTACHED ENGLOBE REPORT

123 (g)

Updated drawings showing the monitoring wells locations, latest contours and ground water flow directions. - ATTACHED ENGLOBE REPORT

123 (h)

An assessment of the environmental effects monitoring program by a qualified consultant. – ATTACHED ENGLOBE REPORT

123 (i)

A summary of upset or spills at the facility.

CRSB had one (1) upset/spill at the New World Island/Twillington Transfer Station (Ward 3) late October 2023.

Due to vandalism at this site, mostly canola oil was kicked around. The Transfer Station Operator cleaned the site up. Due to a directive from GSC, CNWM engaged CECON Ltd. to carry out an oil stain investigation. Soil samples were collected and sent to AGAT laboratories in St. John's NL for analysis. On January 10th results were provided that showed both samples were well below the recommended provincial soil quality guidelines, therefore no further remediation was required for this site.

123 (j)

Any changes to procedure or operations.

In 2023, CRSB continued to follow the required precautionary measures that were put in place for COVID – 19. These include protective glass barriers for the general public, social distancing, hand washing and sanitizing.

In 2023 CRSB acquired a new tractor-trailer truck, with attached grab, and a compacting trailer. CRSB can now collect the laydown materials at the seven (7) Transfer Stations. These materials include; wood, shingles, C&D bulk materials, over/under size tires etc.

123 (k)

Staffing and Training

Staffing level in 2023 include 3 managers, 32 full time, 7 part time and 2 call ins and (1) contract (with the Material Recovery Facility) which has 5 full time and 25 part time/call ins.

117 (l) CRSB has provided and upgraded, where required, the following training programs:

- The Law and You
- W.H.M.I.S.
- Hazard Recognition Evaluation and Control
- Risk Assessment
- Safety Plan Awareness
- Standard First Aid/CPR A/AED
- WHSCC

- Transportation of Dangerous Goods Regulations
- Power Line Hazard
- A 40-hour Hazardous Waste Operations and Emergency Response Training
- Landfill Fire Fighting

Retraining in the following areas:

- W.H.M.I.S
- First Aid/C.P.R./A.E.D.
- Power Line Hazard
- Transportation of Dangerous Goods
- Confined Space
- Fall Protection
- Landfill Fire Fighting

123 (I)

Other information deemed necessary by the Dept. of Environment and Climate Change.

1. CRSB continues to work with ECC and WRSB on a template that can be used on a go forward basis in establishing Western Waste Annual Tip Fee.
2. Composting

CRSB looks forward to working with the province in the development of a composting strategy. Results from this area of waste management will make great strides toward the reduction of materials going to the landfill by 50%. As well, this program will have a positive effect in the Central Environment Monitoring Programs.

3. Collection Truck for Curbside Collection

CRSB awarded contracts in the Fall of 2021 for two (2) split stream collection trucks, they may arrive around July, 2024. CRSB has several new communities looking for curbside collection services. Since 2021, three (3) of the aged collection trucks have been put out of service.

Two (2) additional collection truck contracts were awarded in June of 2023, expected delivery in July, 2024. Most recent cost of new collection trucks (2024) come in at \$480,000.00 each.

4. CRSB looks forward to having Coast of Bays and Baie Verte/Green Bay come under the Central Newfoundland Waste Management Region. Much work is required to bring them up to the present-day level of service.

5. CRSB awarded a contract to Blue Bird Construction for the construction of the new Maintenance Garage/Wash Bay. Construction began in October 2023; completion is scheduled for July 2024.

124 **Section 124**

124 (a)

Incidents and or complaints 2023

1. There are a couple of individuals who have come into the Regional Waste Management Site with a bag or two of garbage. Some have weighed these garbage bags on bathroom scales. Their main claim is that the commercial scales are off. These scales are inspected every year by Hi-Tech Scales Ltd. and reflect Measurements Canada Standards.

124 (b)

The report has attachments for all Special Waste including, origins and carriers. CRSB had no deliveries of bulk waste, biosolids, fish/animal processing waste in 2023.

124 (c)

Environmental Monitoring Records:

A full environmental monitoring report for 2023 has been provided with this report. Report was prepared by ENGLOBE CORP.

125

CRSB did not experience any operational difficulties with potential environmental implications.

126

In 2023 CRSB has experienced some vandalism and (theft/stealing) at two of our transfer stations. Our security video cameras have images, and we continue to deal with the local RCMP offices to press charges.

We have not experienced any illegal dumping at or near our site, but when contact is made to our office, it is passed on to Central Region – DGSNL (Gander or Grand Falls-Windsor).

Please Note:

The following plans are on file with the Dept. of Environment and Conservation:

1. Operations and Maintenance Manual CNWM Facility 2013. (Reviewed February 2016). Under review 2017. (Revised 2017)
2. Construction and Demolition Waste Management and Operations Plan. (Reviewed February 2016). (Under Review 2017)
3. Proposed Surface and Ground Water Monitoring Program Plan. (Reviewed February 2016).
4. Household Hazardous Waste Management and Operations Plan. (Reviewed February 2016).
5. Central Regional Service Board Emergency Response Plan. (Reviewed February 2016).
6. CRSB Asbestos Plan. (Reviewed February 2013).
7. CRSB International Waste Emergency Response Plan. (Reviewed February 2016).
8. CRSB O & M Manuals Transfer Stations (Reviewed February 2016).
9. CRSB Public Education Plan.
10. CRSB proposed Decommissioning Plan. (January 2018)