



BRIEFING NOTE
Municipality of the County of Richmond

Solid Waste Management Facility Tipping Fees
April 15, 2021

PRESENT SITUATION

The tipping fees in effect at the Richmond Solid Waste Management Facility have remained unchanged since December, 2013. A review of the present tipping fee structure was carried out for the purpose of identifying areas where fees should be revised to reflect increasing costs to manage material while also ensuring that fees are comparable to other facilities in the Province.

FINANCIAL IMPLICATIONS

The proposed revised tipping fee structure would result in additional estimated revenues of approximately \$50,000 annually for total estimated tipping fee revenue of \$280,000 (does not include revenue from sale of composter or sale of compost). The total operating expenses for the Richmond Solid Waste Management Facility were budgeted at \$1.15 million in 2020/21.

RECOMMENDATIONS / ADVICE

It is recommended that Council amend Table 1, Tipping Fee Structure for Commercial (ICI) Customers, in the **Richmond Solid Waste Management Facility Rules** as per the attached amended version. It is further recommended that the proposed changes be effective June 1, 2021.

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DATE: April 15, 2021

Attachments:

- Richmond Solid Waste Management Facility Rules – Proposed Amendment April 2021.
- Richmond Solid Waste Management Facility Rules – Table 1 – Revised September 2013.

Attachment 1

Richmond Solid Waste Management Facility Rules

Proposed Amendment, April 2021



Richmond Solid Waste Management Facility Rules

Revised April 2021

1.0 Introduction

The Richmond Solid Waste Management Facility, herein after referred to as “the Facility,” is located west of Highway 206, approximately 4 km north of the community of West Arichat in the Municipality of the County of Richmond. The Facility has a total size of approximately 25 hectares and is owned and operated by the Municipality under the overall direction of the Director of Public Works. The Facility accepts for disposal and recycling waste materials generated in Richmond County. This document represents the Rules of the Richmond Solid Waste Management Facility as described in the Solid Waste Management By-Law for the Municipality of the County of Richmond. Where any directive of these Rules conflicts with that of the By-Law, the By-Law shall prevail.

2.0 Hours of Operation

The hours of operation of the Facility are **8:30 a.m. to 4:00 p.m. Monday to Saturday**. The Facility is normally closed on Sundays, Christmas Day, New Year’s Day, Good Friday, Remembrance Day and all municipal holidays as defined by the Municipality. The Facility may also be closed on days of inclement weather at the discretion of the Director of Public Works.

3.0 General Protocol for Using the Facility

The Facility is under the direct supervision of Waste Facility Staff. Users of the Facility shall at all times adhere to the directives of Waste Facility Staff. Waste Facility Staff report to the Director of Public Works.

Only those materials for which the Facility has been designed will be accepted. Only those materials which have originated from within the Municipality of the County of Richmond will be accepted unless otherwise directed by the Municipality.

Richmond Solid Waste Management Facility Rules

Revised April 2021

The Municipality reserves the right to refuse any waste if, in the opinion of Waste Facility Staff or Director of Public Works, the quantity or type of material being delivered by the hauler exceeds the capacity of the Facility to process it.

The Municipality reserves the right to refuse any waste if, in the opinion of Waste Facility Staff or Director of Public Works, inclement weather renders the site unsuitable for processing the material. For example, large quantities of light weight material, such as Styrofoam insulation, may be refused during periods of high winds.

Once materials have been accepted at the Facility, they become the property of the Municipality. No salvaging of materials by anyone is permitted unless such material has been identified as surplus by the Municipality and/or written permission of the Director has been granted.

The Municipality reserves the right to refuse re-entry of customers who drop off only a portion of their load in an effort to avoid tipping fees. Re-entry will be permitted the following business day at the discretion of Waste Facility Staff.

The Municipality shall not be held liable for any damage or loss to property owned by or injury to users of the Facility caused or arising in relation to the use of the Facility.

4.0 Acceptable Wastes

The following waste materials are accepted at the Facility provided they are placed in the designated area as directed by the Waste Facility Staff.

4.1 Metals and White Goods: includes sheet iron, scrap metal, boilers, tanks and appliances;

4.2 Paint: waste paint;

4.3 Propane Cylinders: cylinders must be completely empty;



Richmond Solid Waste Management Facility Rules

Revised April 2021

- 4.4 Leaf and Yard Waste:** includes lawn and hedge cuttings, leaves, twigs, Christmas tree limbs, or other tree limbs not more than 1.2 metres in length;
- 4.5 Clean Wood:** wood material which is free of excessive paint or other foreign material and which is suitable for processing into wood chips by the Facility's equipment;
- 4.6 Cooking Oil:** must be in an approved container such as a 25 litre pail with lid covering;
- 4.7 Batteries:** includes car and household batteries (AA, AAA, D, C, etc.)
- 4.8 Construction and Demolition (C&D) Materials:** includes normal C&D materials used in construction of buildings, structures, roadways, walls, and in landscaping, such as soil, asphalt, brick, mortar, drywall, plaster, cellulose, fibreglass, gyproc, lumber, wood, asphalt, shingles and metals.
- The determination of whether the C&D material is mixed or sorted is that of the Waste Facility Staff. The tonnage of material will be determined at the Facility Scale and the tipping fees shall be calculated on the entire weight of the load.
- 4.9 Derelict Vehicles:** all incidental materials including oils, greases, coolants, fuel, lead, acid, batteries, CFCs, HCFCs must have been removed from the vehicle.
- 4.10 Compostable Organics:** In general, the Facility will process the following compostable organic waste:
- domestic organic waste;
 - yard waste including vegetative matter from gardening or horticulture activities, tree and shrub trimmings, plant remains and grass clippings;
 - shredded newspaper, cardboard and box-board and other organic material.



Richmond Solid Waste Management Facility Rules

Revised April 2021

The following is a more detailed table of compostable organics accepted at the Facility.

Category	Specific List of Wastes
Food Waste:	Fruit and vegetable peelings Table scraps Egg shells Solid fats Coffee grounds, filters and tea bags Meat, bones and fish Seafood shells Dairy products
Non-Recyclable Paper:	Napkins and serviettes Paper towels and tissue paper Paper plates and cups Freezer paper and waxed paper Damp soiled newspaper and flyers Paper bags e.g. sugar and flour
Yard Waste:	House and garden plant waste Grass clippings and leaves Hay Twigs
Other:	Sawdust and wood shavings Paper vacuum bags and contents Animal or Human hair Hand soap slivers



Richmond Solid Waste Management Facility Rules

Revised April 2021

4.11 General and Paper Recyclables: as defined by the Municipality and on condition the recyclables are contained in transparent blue bags not exceeding 25 kg in weight per bag, except that corrugated cardboard may be flattened out and securely tied with twine or rope in convenient bundles not exceeding 25 kg per bundle. General and paper recyclables are to be separately bagged.

The following table gives a detailed description of acceptable general and paper recyclables:

General Recyclable Material	Plastics #1 - #7 (excluding styrene plastic and metal parts)
	aluminum cans
	aluminum pie plates
	glass bottles and jars (excluding caps)
	liquor containers
	tetra packs (excluding straws)
	milk and juice poly-coated paper cartons
	tin cans
	all deposit containers
	others as identified by the Municipality



Richmond Solid Waste Management Facility Rules

Revised April 2021

Paper Recyclable Material	newsprint, newspapers
	advertising flyers
	magazines
	periodicals
	telephone books
	paperback books
	egg cartons and flats
	paper towel and toilet paper roll
	boxboard (e.g. cereal boxes, excluding liner)
	letter, office and school paper (excluding carbon paper)
	envelopes (excluding padded envelopes)
	cigarette packages (excluding foil liners and exterior plastic)
	corrugated containers (excluding waxed containers)
others as identified by the Municipality	

4.12 Residual Garbage: any waste which does not fit into the aforementioned categories and which is not subject to Provincial disposal ban.

Bagged residual garbage must be delivered in securely tied transparent bags of dimensions not exceeding 75 cm x 75 cm.

Bagged residual garbage must be delivered to the area designated by Waste Facility Staff, typically the Facility Transfer Building



Richmond Solid Waste Management Facility Rules

Revised April 2021

4.13 Difficult Wastes: The following materials may be received at the site, although none of the items listed is considered suitable for routine acceptance. As a result, Waste Facility Staff will specify in each case an appropriate disposal method and location.

Waste Facility Staff reserve the right to limit the amount of these materials received at any one time or to define the material as non acceptable waste and to specify manageability and processing fee requirements.

1. **Asbestos waste**, if packaged and handled in accordance with the "Asbestos Waste Management Regulations" pursuant to the Nova Scotia Environment Act and that necessary NS Department of Environment and Labour (NSDEL) asbestos waste disposal site approval has been acquired by the Municipality.
2. **Waste building lumber** less than 4 metres in length and other construction material in reasonable quantities.
3. **Sawdust, shavings and any long thin wood shavings** used as packing or stuffing (known as excelsior) in reasonable quantities.
4. **Tree stumps and trees.**
5. **Non-hazardous incinerator ash, fly ash and wood ash**, if properly quenched and cooled. Large quantities of ash may require special pre-treatment before being accepted at the Facility and may require special disposal methods.
6. **Electrical transformer casings** on condition all oils have been removed consistent with applicable regulations and units have been rendered free of potentially hazardous materials.
7. **Biomedical waste** originating from human and animal health care facilities, providing it has been autoclaved or incinerated and is packaged according to the Guidelines for the



Richmond Solid Waste Management Facility Rules

Revised April 2021

Handling and Disposal of Biomedical Wastes from Nova Scotia Health Care Facilities and Laboratories (dated March 1988 or as amended).

8. Carcasses of animals weighing less than 25 kg.

All wastes not specifically fitting into the any of the above categories and not specified as unacceptable should be referred to the Director of Public Works and the NSDEL for recommendations as to acceptability and appropriate disposal methods.

5.0 Unacceptable Wastes

Wastes which present a danger at the disposal site, which require special disposal techniques, which may interfere with the level of service to the public or which are in contravention with Provincially-mandated disposal bans, are not acceptable for disposal.

In some cases, wastes which are acceptable in small quantities may not be acceptable in large quantities from a single generator because they may cause the level of service to other users to deteriorate and may cause handling problems and increased environmental liability at the Facility. The acceptability of large quantity wastes, as defined by the Director of Public Works, shall be at the Waste Facility Staff's discretion, and subject to the Facility's ability to accommodate disposal without deterioration in the level of service.

Waste generated outside the boundaries of the Municipality is unacceptable for disposal at the Facility except pursuant to direction by the Municipality.

Wastes which pose potential safety or environmental problems **MAY NOT** be disposed of at the Facility. It is not possible to produce an exhaustive list of these wastes.

Unacceptable wastes include but are not limited to the following:

1. Explosives or highly combustible materials of any nature.



Richmond Solid Waste Management Facility Rules

Revised April 2021

2. Gas cylinders, unless the valve has been removed and the cylinder properly drained by a professional trained in handling gas cylinders.
3. Fuel tanks containing fuel.
4. Radioactive materials.
5. Chemicals and chemical wastes, including sludges from water and wastewater treatment plants and other generators.
6. Any hazardous materials, which may be classed as corrosive, reactive, toxic, or flammable.
7. Waste building materials unless specified acceptable or conditionally acceptable by the Director of Public Works.
8. Carcasses of animals weighing more than 25 kg.
9. Liquid wastes, including herbicides, insecticides or other sprays, paints, oils and solvents.
10. Septic tank waste and sewage treatment plant sludges, unless a facility is specifically designed for their disposal or they have been pre-treated as defined by NSDEL's Standards and Guidelines Manual for the Collection, Treatment and Disposal of Sanitary Sewage.
11. Hot ashes.
12. Pieces of concrete or asphalt which are larger than one metre by one metre.



Richmond Solid Waste Management Facility Rules

Revised April 2021

13. Tree stumps and trees having a diameter greater than 250 mm and a length greater than 1.2 metres.
14. Any liquids, or liquid waste, of a quantity greater than 20 litres in any one load.
15. Dangerous goods as defined by the Nova Scotia Dangerous Goods Transportation Regulations (e.g., poisonous substances, infectious substances, oxidizing substances).
16. Biomedical wastes that are not treated prior to disposal according to the Guidelines for the Handling and Disposal of Biomedical Waste from Nova Scotia Health Care Facilities and Laboratories (dated March 1988 or as amended).
17. **Residential Sharps:** Needles and lancets are not acceptable for disposal in the garbage. For more info, call RRFB Nova Scotia (1-877-313-7732) or your local pharmacy.
18. Any other materials not listed as acceptable or conditionally acceptable with the approval of the Director of Public Works.

6.0 Waste Inspection and Control

All waste arriving at the Facility is subject to inspection for unacceptable or hazardous waste content. Inspections are to be conducted, as much as possible, within the delivery vehicles prior to dumping and at an area designated by Waste Facility Staff in the Facility after dumping. In addition, thorough random checks shall be performed, at a minimum, once per week, near the Facility working face.

The following general rules and procedures apply with respect to waste control:

1. Before depositing any material at the Facility, users must report to the Facility Scale to obtain direction from Waste Facility Staff. The Waste Facility Staff reserves the right to



Richmond Solid Waste Management Facility Rules

Revised April 2021

inspect all waste arriving at the Facility and the user will comply with any directives of the Waste Facility Staff.

2. All loads delivered to the Facility must be suitably covered to prevent material from leaving the vehicle and causing undesirable litter. The operators of vehicles arriving with uncovered loads will be advised that any subsequent uncovered loads will be immediately refused.
3. When the Waste Facility Staff encounter suspect, unacceptable waste, the material shall be segregated and appropriate action taken.
4. When a random check is to be performed the Waste Facility Staff will inform the hauler. If the hauler refuses to allow the vehicle to be inspected, the vehicle will not be permitted to unload and will be selected for a check on its next visit. The Waste Facility Staff will record as much information as possible about haulers who refuse a random check.
5. The selected hauler will be directed to a designated area, ensuring separation from all other incoming waste. Prior to dumping, the driver of the inspected vehicle will confirm the absence of unacceptable materials. The Waste Facility Staff will examine the load for hazardous or unacceptable wastes. Non-hazardous, unacceptable waste delivered by a known hauler will be reloaded by the hauler if necessary and removed from the site.
6. Non-hazardous, unacceptable waste delivered by an unknown hauler may be removed from the Facility, processed to render it acceptable, or accepted as a special circumstance at the discretion of the Waste Facility Staff.
7. Suspected hazardous (and therefore unacceptable) waste delivered by a known hauler will be reloaded by the hauler if necessary and removed from the Facility. Once a waste is suspected to be hazardous, unless the hauler can prove otherwise to the satisfaction of the Waste Facility Staff, the waste shall be removed at the hauler's expense.



Richmond Solid Waste Management Facility Rules

Revised April 2021

8. If reloading or further transporting of the suspected hazardous waste is considered unsafe, the NSDEL will be contacted for direction. Costs associated with the attempted delivery shall be the responsibility of the hauler.
9. Repeat deliverers of unacceptable or hazardous wastes may be banned from the Facility at the discretion of and for a period determined by the Director of Public Works.
10. Before leaving the Facility and after depositing waste materials, users must report to the scale for weighing out of the vehicle.



Richmond Solid Waste Management Facility Rules

Revised April 2021

7.0 Waste Disposal Tipping Fees

Loads of waste are subject to tipping fees for both commercial and residential customers.

“*Commercial customers*” are defined as those using vehicles that are registered to commercial enterprises (ICI sector) as well as those vehicles that either frequent the facility more than 4 times per month, exceed one Tonne of weight in a single visit, or are hauling waste originating from other than their personal household. Vehicles will be tracked by license plate and assigned either ‘commercial’ or ‘residential’ status based on vehicle registration and/or usage history. Assignment of ‘commercial’ or ‘residential’ is at the discretion of Waste Facility Staff.

Commercial loads in excess of 200 Kg are subject to the tipping fees shown in Table 1 (with the fee based on the actual **total weight of the load** as determined by the Municipal Solid Waste Management Facility).



Richmond Solid Waste Management Facility Rules

Revised April 2021

Table 1: Tipping Fee Structure for Commercial (ICI) Customers – Effective June 1, 2021

Product	Tipping Fee	Comments
Construction and Demolition (C&D) Unsorted	\$90 / Tonne	
Construction and Demolition (C&D) Sorted	\$50 / Tonne	
Uncontaminated Compostable Organics	\$30 / Tonne ICI No Charge for Residential	
Contaminated Compostable Organics	\$80 / Tonne	Waste Facility staff will determine if organics are contaminated
General and Paper Recyclables	\$100 / Tonne	
Residual Garbage	\$100 / Tonne	
Mixed / Non-Compliant Residual Waste	\$170 / Tonne	Waste Facility staff will determine if a load is mixed / non-compliant
Leaf and Yard Waste	No Charge	
Metals and White Goods	No Charge	
HHW (Household Hazardous Waste)	No Charge	Includes on-road tires without rims
<p>Weights: Normally the net weight to be charged will be the difference between the inbound weight and the outbound weight. Should the scale not be working, the tipping fee charges will be on a per load basis for which fees apply as follows: 1/2 ton truck or small trailer = \$25.00; Single axle truck = \$50.00 ; Tandem axle truck = \$100.00 ; Tractor trailer = \$200.00.</p>		



Richmond Solid Waste Management Facility Rules

Revised April 2021

Residential customers (see definition of commercial customer above) are subject to the stepped tipping fee structure shown in table 2.

Table 2: Tipping Fee Structure for Residential Customers

Net Weight (Kg)	Fee
0 < 400	\$0.00
400 < 600	\$7.50
600 < 800	\$15.00
800 < 1000	\$25.00
Equal or Greater than 1000 Kg	Commercial Tipping Fees Apply
Weights: Should the scale not be working, the tipping fee charges will be on a per load basis for which residential fees apply as follows: 1/2 ton truck or small trailer = \$10.00 (residential customer); Single Axle = \$50.00 ; Tandem truck = \$75.00 ; Tractor trailer = \$100.00.	

Attachment 2

Richmond Solid Waste Management Facility Rules

Revised September 2013

Table 1: Tipping Fee Structure for Commercial (ICI) Customers



Richmond Solid Waste Management Facility Rules

Revised September 2013

Table 1: Tipping Fee Structure for Commercial (ICI) Customers

Product	Tipping Fee	Comments
Construction and Demolition (C&D) Unsorted	\$80 / Tonne	Waste Facility staff will determine if waste is sorted or unsorted
Construction and Demolition (C&D) Sorted	\$40 / Tonne	
Uncontaminated Compostable Organics	\$25 / Tonne ICI No Charge for Residential	
Contaminated Compostable Organics	\$75 / Tonne	Waste Facility staff will determine if organics are contaminated
General and Paper Recyclables	\$85 / Tonne	Mixed / Non-compliant loads are subject to double the normal tipping fee
Residual Garbage	\$85 / Tonne	Mixed / Non-compliant loads are subject to double the normal tipping fee
Mixed / Non-Compliant Residual Waste	\$170 / Tonne	Waste Facility staff will determine if a load is mixed / non-compliant
Leaf and Yard Waste	No Charge	
Metals and White Goods	\$40 / Tonne	
HHW (Household Hazardous Waste)	No Charge	Includes on-road tires without rims
<p>Weights: Normally the net weight to be charged will be the difference between the inbound weight and the outbound weight. Should the scale not be working, the tipping fee charges will be on a per load basis for which fees apply as follows: 1/2 ton truck or small trailer = \$25.00 ; Single Axle = \$50.00 ; Tandem truck = \$75.00 ; Tractor trailer = \$100.00.</p>		