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1

# DEPARTMENT OF NATURAL RESOURCES

NR 544.03

# Chapter NR 544

# **EFFECTIVE RECYCLING PROGRAMS**

NR 544.01 NR 544.02 NR 544.03 NR 544.04 NR 544.05 NR 544.06 NR 544.07 NR 544.08	Purpose. Applicability. Definitions. Required components of an effective recycling program. Collection and processing systems. Components of a recycling ordinance. Record-keeping requirements. Application for initial program or alternative collection or process- ing cystem approval	NR 544.09 NR 544.10 NR 544.11 NR 544.12 NR 544.13 NR 544.14 NR 544.16	<ul> <li>Initial program or alternative collection or processing system approval process.</li> <li>Annual program report.</li> <li>Annual program report review process.</li> <li>Programs under probation.</li> <li>Responsible units located in current service areas of facilities exempt under s. 287.07 (7) (b), Stats.</li> <li>Variances and exemptions.</li> <li>Materials recovery facilities used as part of an effective recycling process.</li> </ul>
	ing system approval.		program.

Note: Corrections made under s. 13.93 (2m) (b) 7., Stats., Register, August, 1997, No. 500.

**NR 544.01 Purpose.** The purpose of this chapter is to establish criteria under s. 287.11, Stats., for determining whether a responsible unit's program is an effective recycling program. In conjunction with s. 287.09 (2) (a), Stats., this chapter will guide the development of effective recycling programs.

**Note:** Under s. 287.23 (3), Stats., only responsible units that have been determined to have effective recycling programs shall be eligible to receive state financial assistance for recycling. In addition, under s. 287.07 (7), Stats., only responsible units having effective recycling programs under this chapter are exempt from the landfill and incinerator restrictions in s. 287.07 (3) and (4), Stats.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05.

**NR 544.02 Applicability.** The provisions of this chapter apply to all the following:

(1) Responsible units seeking approval of an effective recycling program under s. 287.11, Stats.

(2) Responsible units that have been approved or are on probation.

(3) Materials recovery facilities as defined under s. 287.27 (1), Stats., including a materials recovery facility used as part of an effective recycling program.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (1) and (2), r. (3) Register June 2005 No. 594, eff. 7-1-05; CR 23-065: cr. (3) Register June 2025 No. 834, eff. 7-1-25.

**NR 544.03 Definitions.** In this chapter:

(1) "Bi-metal container" means a container for beverages that is made primarily of a combination of steel and aluminum.

(4) "Curbside collection" means a system for collecting recyclable materials from residential properties, including from the curb, alley, backyard or roadside, and for transporting the recyclable materials for processing and marketing.

(5) "Current service area" has the meaning specified in s. 287.07 (7) (b) 1. a., Stats.

(6) "Department" means the department of natural resources.

(6m) "Designated agent" means any person who, on behalf of or by agreement with the owner or operator of a multiple-family dwelling or a non-residential facility or property, provides goods or services at that location.

(7) "Drop-off collection" means a system for collecting recyclable materials in which the recyclable materials are taken by individuals to designated collection sites and deposited into designated containers from which the recyclable materials are transported for processing and marketing.

(8am) "Floodplain" has the meaning specified in s. NR 500.03 (87).

(9) "HDPE" means high density polyethylene.

**Note:** Plastic containers made of HDPE and regulated under ch. ATCP 137 will have a triangular symbol with number "2".

(10) "LDPE" means low density polyethylene.

**Note:** Plastic containers made of LDPE and regulated under ch. ATCP 137 will have a triangular symbol with number "4".

(11) "Magazines" means magazines and other materials printed on similar paper.

(12) "Materials recovery facility" has the meaning specified in s. 287.27 (1), Stats.

**Note:** The definition of a materials recovery facility, as given in s. 287.27 (1), Stats., provides "In this section, 'materials recovery facility' means a facility where the materials specified in sub. (4) (b) or s. 287.07 (3) or (4), not mixed with other solid waste, are processed for reuse or recycling by conversion into a consumer product or a product which is used as a raw material in a commercial or industrial process. 'Materials recovery facility' does not include a facility operated by a pulp or paper mill which utilizes fiber or paper that has been separated from waste for use as a raw material in a commercial product."

(13) "Multiple-family dwelling" means a structure containing 5 or more residential units, including units that are occupied seasonally.

(14) "Multiple-municipality responsible unit" means a responsible unit that is made up of more than one unit of government or solid waste management system.

(18) "Municipality" has the meaning specified in s. 287.01 (4), Stats.

(19) "Newspaper" means a newspaper and other materials printed on newsprint.

(21) "Non-residential facilities and properties" means commercial, retail, industrial, institutional, and governmental facilities and properties. "Non-residential facilities and properties" includes any location at which goods or services are provided or manufactured, including locations under construction, demolition, or remodeling, or used for special events such as fairs, festivals, sport venues, conferences, and exhibits.

**(21am)** "Nuisance conditions" means conditions which result in an unreasonable threat or danger to public health, safety or welfare, or to the environment.

**(22)** "Office paper" means a variety of high grade printing and writing papers. "Office paper" does not include industrial process waste, newspaper, or packaging.

(23) "Operating solid waste treatment facility" has the meaning specified in s. 287.07 (7) (b) 1. b., Stats.

(26) "Person" has the meaning specified in s. 287.01 (5m), Stats.

(27) "PETE" means polyethylene terephthalate.

**Note:** Plastic containers made of PETE and regulated under ch. ATCP 137 will have a triangular symbol with number "1".

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NR 544.03

#### WISCONSIN ADMINISTRATIVE CODE

**(27m)** "Plastic container" has the meaning specified under s. 287.01 (6), Stats.

(28) "PP" means polypropylene.

**Note:** Plastic containers made of PP and regulated under ch. ATCP 137 will have a triangular symbol with number "5".

(28m) "PS" means polystyrene.

**Note:** Plastic containers made of PS and regulated under ch. ATCP 137 will have a triangular symbol with number "6".

(29) "PVC" means polyvinyl chloride.

**Note:** Plastic containers made of PVC and regulated under ch. ATCP 137 will have a triangular symbol with number "3".

(30) "Postconsumer waste" has the meaning specified in s. 287.01 (7), Stats.

(31g) "Processing" means baling, shredding, pulverizing, composting, separating or otherwise treating or altering by some means to facilitate the further transport, recycling or reuse of solid waste intended to be recycled or reused.

**(31r)** "Processing facility" has the meaning specified in s. NR 500.03 (181), but does not include facilities where combustion of solid waste occurs.

(32) "Public information and education program" means a program to inform citizens, businesses and institutions why and how to participate in community recycling, reduce overall waste and encourage personal actions that result in voluntary compliance.

**(33)** "Recyclable materials" means materials listed under s. 287.07 (1m), (2), (3), and (4), Stats.

**(33m)** "Recycling" means the series of activities by which solid waste is collected, sorted, processed and converted into raw materials and used in the production of new materials. It excludes the use of these materials as a fuel substitute or for energy production.

(34) "Region" has the meaning specified in s. 287.01 (8), Stats.

(35) "Residual material" means recyclable materials collected for recycling that are damaged or contaminated during collection or processing to the point that they are no longer marketable.

**(36)** "Responsible unit" has the meaning specified in s. 287.01 (9), Stats.

(37) "Reuse" means using a product more than once in its same form for the same or other productive purposes.

(38) "Rural municipality" means a municipality with a population of 5,000 or less, based on the most recent decennial or special census or the most recent subsequent population estimate under s. 16.96, Stats.

(39) "Single commodity materials recovery facility" means a materials recovery facility that processes only one of the materials specified in s. 287.07 (3) and (4), Stats., not mixed with other solid waste.

(**39g**) "Single-stream collection" means a system for co-mingled collection of recyclable fibers, containers, or other materials intended for recycling in which the materials are separated from solid waste at the point of collection and transported unsorted by commodity type to a processing facility to be processed into marketable commodities.

**(39m)** "Solid waste" has the meaning specified in s. 289.01 (33), Stats.

(41) "Waste reduction" means decreasing the quantity of waste materials or products generated.

**(41am)** "Wetland" has the meaning specified in s. 23.32 (1), Stats.

(42) "Yard waste" has the meaning specified in s. 287.01 (17), Stats.

**History:** Cr. Register, September, 1993, No. 453, eff. 10-1-93; correction in (17) made under s. 13.93 (2m) (b) 7., Stats., Register January 2003 No. 565; CR 04-113; r. (1), (8), (16), (17), (20), (24), (25), (31) and (40), renum. (2) to be (1) and am., cr. (2), (6m), (12m), (27m), (28m), (31g), (31r), (33m), and (39g), am. (7), (12), (21), (37), (39) and (41) Register June 2005 No. 594, eff. 7-1-05; correction in (38) made under s. 13.92 (4) (b) 7., Stats., Register June 2013 No. 690; CR 23-065; r. (2), (3), am. (6m), (8am), r. (12m), am. (13), (21), (22), (27m), (33), (38), (39), (39g) Register June 2025 No. 834, eff. 7-1-25.

NR 544.04 Required components of an effective recycling program. The effective recycling program of a responsible unit shall include all of the following components:

(1) A public information and education program that is reviewed by the responsible unit at least annually to confirm accuracy, including confirmation of the materials accepted at a materials recovery facility used as part of the effective recycling program. The public information and education program shall address all of the following:

(a) Recycling of materials specified under s. 287.07 (1m), (2), (3), and (4), Stats.

(b) Recycling of electronic devices under s. 287.07 (5) (a), Stats., and opportunities for recycling electronic devices.

(c) Proper disposal of used batteries and opportunities for recycling batteries.

(d) Prohibitions on landfill disposal of oil filters and oil absorbent materials listed under s. 287.07 (4m), Stats.

(e) Waste reduction and reuse efforts at single family and 2 to 4 unit residences, multiple-family dwellings, and non-residential facilities and properties.

(f) Reasons and ways to reduce food waste and composting opportunities and locations.

**Note:** Distribution of education and outreach materials by the responsible unit may include public posting including online posting, electronic and printed mailings, and use of social media. Public outreach materials are available for use at no cost and may be obtained from the Department of Natural Resources, Bureau of Waste and Materials Management at 101 S. Webster St, P.O. Box 7921, Madison, WI 53707.

(2) An ordinance that contains the provisions specified in s. NR 544.06.

(3) A system which meets the provisions of s. NR 544.05 for collecting from single family and 2 to 4 unit residences the materials specified in s. 287.07 (3) and (4), Stats. A responsible unit may provide information on where and how to recycle waste tires specified in s. 287.07 (3), Stats., in lieu of providing a system for collection of waste tires.

(4) A system for single family and 2 to 4 unit residences which meets the provisions of s. NR 544.05 for processing and marketing of the recyclable materials specified in s. 287.07 (3) and (4), Stats., which have been separated for recycling or recovered from solid waste in as pure a form as is technically feasible.

(5) Equipment and staff to implement the recycling program serving single family and 2 to 4 unit residences which may include contracting for services, staff, supplies and equipment from vendors.

(7) A requirement that owners of multiple-family dwellings and non-residential facilities and properties or their designated agents provide for the recycling at their facilities and properties of materials specified in s. 287.07 (3) and (4), Stats. Owners of multiple-family dwellings and non-residential facilities and properties or their designated agents may provide information on where and how to recycle waste tires specified in s. 287.07 (3), Stats., in lieu of providing for collection of waste tires.

(8) A prohibition against disposing of in a solid waste facility or burning in a solid waste treatment facility the materials speci-

NR 544.06

fied in s. 287.07 (3) and (4), Stats., which have been separated for recycling.

**(9)** A means of adequately enforcing the requirements of the effective recycling program.

**(9g)** A compliance assurance plan describing the procedure the responsible unit will follow to address at a minimum one act of non-compliance with recycling requirements specified in its recycling ordinance that is commonly encountered by the responsible unit.

(9r) Submittal of an annual program report that meets the requirements specified in s. NR 544.10.

(10) Provisions for the management of the postconsumer waste that is generated within the responsible unit and that is not separated or recovered for recycling in a manner consistent with the highest feasible solid waste management priority under s. 287.05 (12), Stats.

(11) A reasonable effort to reduce to the maximum extent feasible, the amount, by weight, of each material specified in s. 287.07 (3) and (4), Stats., that is generated as solid waste within the region and disposed of in a solid waste disposal facility or converted into fuel or burned without energy recovery in a solid waste treatment facility.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (intro.), (1), (7) and (10), r. (6), cr. (9g) and (9r) Register June 2005 No. 594, eff. 7-1-05; CR 23-065: r. and recr. (1), am. (3), (7), (9g) Register June 2025 No. 834, eff. 7-1-25.

**NR 544.05 Collection and processing systems. (1)** COLLECTION SYSTEMS. (a) *General requirements.* Except as provided under sub. (3), systems for collecting the materials specified under s. 287.07 (3) and (4), Stats., from single family and 2 to 4 unit residences shall meet all of the following requirements:

1. Separate the materials from other solid waste prior to collection and maintain that separation during the collection process.

3. Maintain the materials collected in marketable condition.

5. A municipal collection system that provides the minimum monthly curbside collection under par. (b), (c), or (d) shall ensure that residents have access to a drop-off collection service.

(b) Collection systems in urban municipalities. A municipality with a population greater than 5,000 shall provide, contract for provision of, or otherwise provide for, a system for collection of the materials specified under s. 287.07 (3) and (4), Stats., from each single family residence and 2 to 4 unit residence. The collection system shall provide one of the following or be a combination that ensures all residents of the municipality are provided with recycling service for the specified materials:

1. Curbside collection at least monthly for all the materials specified under s. 287.07 (3) and (4), Stats.

2. A drop-off collection system that is utilized at least monthly by at least 80 percent of the single family and 2 to 4 unit residences in the municipality as documented by drop-off site monitoring records.

(c) Collection systems in rural municipalities. A municipality with a population of 5,000 or less shall provide, contract for provision of, or otherwise provide for each single family and 2 to 4 unit residence either drop-off or curbside collection service for the materials specified under s. 287.07 (3) and (4), Stats. The collection system shall provide one of the following or be a combination that ensures all residents of the municipality are provided with recycling service for the specified materials:

1. A drop-off collection service. A rural municipality that provides only drop-off collection service shall ensure that all of the following conditions are met:

a. The size of the facility is adequate to meet the needs of

single family and 2 to 4 unit residences to recycle the materials specified and the total volume of recycling containers is sufficient to avoid overflow during the time periods between collection of material for delivery to a processing facility.

b. The site is open at least 2 days each month for a minimum of 5 hours each day, unless demonstrated by the municipality that fewer hours adequately meet the needs of the residents.

2. A curbside collection service that is provided at least monthly.

(d) *Individual collection services*. A municipality may meet the collection system requirements for an effective recycling program if it requires all single family and 2 to 4 unit residences in the municipality to contract individually for at least monthly curbside collection and recycling of the materials specified under s. 287.07 (3) and (4), Stats. An individual collection service shall qualify as an acceptable collection system under this subsection provided the municipality or the responsible unit completes all of the following:

1. The recycling ordinance required under s. NR 544.06 shall require that all single family and 2 to 4 unit residences within the municipality contract for at least monthly curbside collection of the materials specified under s. 287.07 (3) and (4), Stats.

2. The compliance assurance plan required under s. NR 544.04 (9g) shall include in its description of its system of enforcement how the municipality or responsible unit will address cases where a single family or 2 to 4 unit residence has not contracted for individual collection service.

3. The tonnage of materials specified under s. 287.07 (3) and (4), Stats., that are collected using an individual collection service shall be reported to the department under s. NR 544.10.

(2) PROCESSING SYSTEMS. (a) Processing systems utilized as part of an effective recycling program shall produce materials or products of marketable quality.

(b) Except as provided in sub. (3), a responsible unit shall use as part of its effective recycling program one or more materials recovery facilities that are self-certified under s. NR 544.16.

(3) ALTERNATIVE COLLECTION AND PROCESSING SYSTEMS. (a) A responsible unit may apply to the department under s. NR 544.08 (3) for approval of an alternate collection system that does not meet the requirements under sub. (1) (a) 1. and under sub. (1) (b), (c), or (d).

(b) A responsible unit may apply to the department under ss. NR 502.08 and 544.08 (3) for approval of an alternative processing system that does not meet the requirement under sub. (2) (b).

Note: Alternative processing and collection systems that may be approved under this paragraph include systems that do not maintain the physical separation of solid waste from recyclable materials during collection or transportation.

(c) Single stream collection systems that use a materials recovery facility that is self-certified under s. NR 544.16 shall qualify as acceptable collection systems under this subsection and do not require approval for alternative collection systems.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (1) (a) 4., (b), (c), (2) and (3) Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (1) (a) (intro.), r. (1) (a) 2., 4., cr. (1) (a) 5., r. and recr. (1) (b), (c), cr. (1) (d), am. (3) (a), (b) Register June 2025 No. 834, eff. 7-1-25; correction in (1) (a) 5. made under s. 35.17, Stats., and correction in (3) (a) made under s. 13.92 (4) (b) 7., Stats., Register June 2025 No. 834.

**NR 544.06 Components of a recycling ordinance. (1)** A responsible unit seeking approval under this chapter shall adopt and enforce a recycling ordinance meeting the requirements of this section, except that a multiple-municipality responsible unit is not required to adopt an ordinance for any of its members which have and enforce their own ordinances under this section. No unit of government in a multiple-municipality responsible unit other than the responsible unit may be required to adopt or enforce an ordinance under this section.

# NR 544.06

#### WISCONSIN ADMINISTRATIVE CODE

**Note:** A responsible unit is authorized under s. 287.09 (3) (b), Stats., to adopt an ordinance to enforce the recycling program established under s. 287.09 (2) (a), Stats., to comply with s. 287.07 (1m), (2), (3), and (4), Stats., and the priorities under s. 287.05 (12), Stats.

(2) At a minimum, a recycling ordinance required under s. NR 544.04 (2) shall include all of the following:

(a) A requirement that the occupants of single family and 2 to 4 unit residences, multiple-family dwellings and non-residential facilities and properties in the region either separate for recycling the materials specified under s. 287.07 (1m), (2), (3), and (4), Stats., from postconsumer waste generated in the region or send the material to a licensed processing facility that recovers for recycling those materials from solid waste in as pure a form as is technically feasible. This requirement does not apply to solid waste that is burned as a supplemental fuel at a facility if less than 30 percent of the heat input into the facility is derived from the solid waste burned as supplemental fuel in accordance with s. 287.07 (7) (bg), Stats.

(b) A requirement that owners or designated agents of multiple-family dwellings in the region do all of the following unless postconsumer waste generated in those properties is treated at a processing facility that recovers for recycling the materials specified in s. 287.07 (3) and (4), Stats., from that solid waste in as pure a form as is technically feasible:

1. Provide adequate, separate containers for the recycling program established in compliance with the ordinance. The number of recycling containers shall equal or be greater than the number of trash containers and at least one of the following shall be met:

a. The minimum total volume of recycling container space is equal to 20 gallons per week per dwelling unit.

b. The ratio of trash container volume to recycling container volume is at most 2:1.

c. An alternative method that does not result in the overflow of a recycling container during the time period between collection of materials and delivery to a recycling facility.

2. Notify tenants in writing at the time of renting or leasing the dwelling and at least semi-annually thereafter of how to appropriately recycle the materials specified under s. 287.07 (1m), (2), (3), and (4), Stats. This notification shall include what materials are collected at this location and how to prepare the materials in order to meet the processing requirements. The notification shall indicate locations of drop-off collection sites to recycle materials not collected on-site.

3. Provide for the collection of recyclable materials specified under s. 287.07 (4), Stats., separated from solid waste by the tenants, and the delivery of the materials to a recycling facility. The total volume of the recycling containers shall be sufficient to avoid overflow during the time period between collection of materials and delivery to a recycling facility.

(c) A requirement that owners or designated agents of nonresidential facilities and properties in the region do all of the following unless postconsumer waste generated in those facilities and properties is treated at a processing facility that recovers the materials specified in s. 287.07 (3) and (4), Stats., from solid waste in as pure a form as is technically feasible:

1. Provide adequate, separate containers for the recycling program established under this section. The total volume of recycling containers shall be sufficient to avoid overflow during the time period between collection of materials and delivery to a recycling facility.

2. Notify in writing, at least semi-annually, all users, tenants and occupants of the facilities and properties, including members of the public who use services provided by the facilities and properties, of how to appropriately recycle the materials specified under s. 287.07 (1m), (2), (3), and (4), Stats. This notification shall include what materials are collected at this location and how to prepare the materials in order to meet the processing requirements. The notification shall indicate locations of drop-off collection sites for recyclable materials not collected on-site.

3. Provide for the collection of recyclable materials separated from the solid waste by the users, tenants and occupants and the delivery of the recyclable materials to a recycling facility.

(d) A prohibition on disposing of in a solid waste disposal facility or burning in a solid waste treatment facility the materials specified in s. 287.07 (3) to (4), Stats., which have been separated for recycling.

(e) Provisions for enforcement, including the following:

1. Appropriate penalties for violations of the various provisions of the ordinance which are consistent with the forfeitures under ss. 287.95 and 287.97, Stats.

2. Authorization for the use of citations to be issued for violations of the ordinance.

**Note:** Section 66.0113, Stats., authorizes the use of citations to be issued for ordinance violations.

3. Adequate inspection authority to ascertain compliance with the ordinance.

**History:** Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (1), (2) (b) 2. and (c) 2., r. (2) (b) 4. and (c) 4. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (2) (a), renum. (2) (b) 1. to (2) (b) 1. (intro.) and am., cr. (2) (b) 1. a. to c., am. (2) (b) 2., 3., (c) 1., 2. Register June 2025 No. 834, eff. 7-1-25; correction in (2) (b) 1. c., 3., (c) 1. made under s. 35.17, Stats., Register June 2025 No. 834.

**NR 544.07 Record-keeping requirements.** A responsible unit subject to this chapter shall maintain records supporting its application and documenting its compliance with this chapter. The records shall be available for department review. The responsible unit shall retain its records related to the annual program report submitted under s. NR 544.10 for at least 3 years following the submittal of that year's annual program report.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. Register June 2025 No. 834, eff. 7-1-25.

**NR 544.08 Application for initial program or alternative collection or processing system approval. (1)** APPLICATION. A responsible unit seeking an initial determination that its program is an effective recycling program or the approval of an alternative collection or processing system under this chapter shall apply to the department under this section. For all measurements, a responsible unit shall use sampling methods or measurements specified by the department. Applications shall be submitted on a form supplied by the department.

**Note:** This form, or specific data formats for electronic submittal of the form, may be obtained from the Department of Natural Resources, Bureau of Waste Management at 101 S. Webster St., P.O. Box 7921, Madison, WI 53707.

(2) CONTENTS OF APPLICATION FOR INITIAL PROGRAM AP-PROVAL. The application for initial program approval shall provide all of the following information:

(a) A description of the public information and education program under s. NR 544.04 (1).

(b) Certified copies of all ordinances containing the provisions specified in s. NR 544.06.

(c) A description of the collection system for single family and 2 to 4 unit residences. A responsible unit shall also apply for the approval of an alternative collection or processing system under sub. (3) if the collection system is not consistent with the requirements under s. NR 544.05 (1) (a) 1. and either par. (b) or (c).

(d) A description of the systems for processing and marketing recyclable materials collected from single family and 2 to 4 unit residences.

NR 544.10

(e) An estimate of the total amount of recyclable materials collected in the calendar year prior to the year of application.

(f) A description of the equipment and staffing for its recycling program or contracts for services, staff, supplies and equipment from vendors.

(g) A description of its system of enforcement and a copy of its compliance assurance plan as required under s. NR 544.04 (9g).

(i) A description of provisions for recycling at multiple-family dwellings and non- residential facilities and properties.

(j) A description of opportunities for residences to reduce, reuse, or recycle the materials specified under s. 287.07 (1m), (2), (4m), and (5) (a), Stats., including opportunities provided by the private sector.

(k) A statement that the management of solid waste that is generated in the responsible unit and that is not separated or recovered for recycling is managed in a manner consistent with the highest feasible solid waste management priority under s. 287.05 (12), Stats.

(L) A description of means used to reduce to the maximum extent feasible, the amount, by weight, of each material specified in s. 287.07 (3) and (4), Stats., that is generated as solid waste within the region and disposed of in a solid waste facility or converted into fuel or burned without energy recovery in a solid waste treatment facility.

(m) The names of all materials recovery facilities that accept recyclable materials collected from the responsible unit, if these are included as a component of the effective recycling program.

(3) ALTERNATIVE COLLECTION OR PROCESSING SYSTEMS. A responsible unit that is seeking approval of an alternative to the systems specified in s. NR 544.05 (1) and (2) shall submit to the department the information required in sub. (2) and the following information for initial approval:

(a) A description of the proposed alternative, including the following:

1. The name of the operator or provider or both of the collection, processing and marketing services.

2. Cost estimates of the proposed program.

(b) A comparison of the advantages, disadvantages and costs of the proposed alternative to the systems described in s. NR 544.05 (1) and (2).

(d) A description of operating procedures that will be used to minimize contamination and loss of recyclable materials during collection and processing.

(e) A demonstration that the proposed systems will recover the materials specified in s. 287.07 (3) and (4), Stats., from solid waste in as pure a form as is technically feasible and that the materials are marketable.

(f) A demonstration that the amount of residual material resulting from the proposed alternative systems will not exceed the average residual amount that is generated from other materials recovery facilities of similar size or capacity.

**Note:** Information on the average residual amount generated from materials recovery facilities may be obtained from the Department of Natural Resources, Bureau of Waste and Materials Management at 101 S. Webster St., P.O. Box 7921, Madison, WI 53707.

**History:** Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (1), (2) (intro.), (c), (g), (k), (m), (3) (intro.) and (c), r. (2) (h) Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (2) (c), (d), (g), (j), (k), r. (3) (c), am. (3) (f) Register June 2025 No. 834, eff. 7-1-25.

NR 544.09 Initial program or alternative collection or processing system approval process. Upon receipt of a complete application, the department shall either approve or disapprove the application in writing within 90 days. The determination of the department shall be based upon compliance with this chapter. An approval may be conditioned upon any requirements necessary to comply with this chapter.

(1) APPROVAL OF APPLICATION. The department shall approve a responsible unit's application as effective if all of the following are met:

(a) For initial program approval, the program includes the components required under s. NR 544.04.

(b) The application includes the elements required under s. NR 544.08.

(2) DENIAL OF APPLICATION. The department may deny a responsible unit's application for approval for any of the following reasons:

(a) For initial program approval, absence of a program component under s. NR 544.04.

(b) Failure to submit a complete application under s. NR 544.08.

(d) Failure to comply with any provision of this chapter.

(e) Failure to submit complete information under s. NR 544.08 (3) for alternative collection or processing systems, if applicable.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (1) (intro.), r. (1) (c), (2) (c), cr. (2) (e) Register June 2025 No. 834, eff. 7-1-25.

**NR 544.10 Annual program report. (1)** REPORT. A responsible unit with an approved effective recycling program shall submit a report to the department under this section by April 30 of each year documenting program activity for the prior calendar year. For all measurements, a responsible unit shall use sampling methods or measurements specified by the department. The report shall demonstrate to the satisfaction of the department that the recycling program meets the requirements of this chapter and any conditions of the approved program. The report shall be submitted on a form supplied by the department.

**Note:** This form, or specific data formats for electronic submittal of the form, may be obtained from the Department of Natural Resources, Bureau of Waste Management at 101 S. Webster St., P.O. Box 7921, Madison, WI 53707.

(2) CONTENTS OF REPORT. At a minimum, the report shall consist of all of the following:

(a) A statement indicating that the program is operating as initially approved or, if there have been changes during the reporting year, a description of those changes.

(b) A statement that the recycling ordinance and efforts to enforce that ordinance are still in effect.

(bm) A statement that the compliance assurance plan is in effect to support the recycling ordinance.

(c) A statement that the collection system for single family and 2 to 4 unit residences is operating, and, if there have been changes during the reporting year, a description of those changes.

(cm) A statement that all materials specified under s. 287.07 (4), Stats., are collected from single family and 2 to 4 unit residences.

(d) The tonnage collected of the materials specified under s. 287.07 (4), Stats.

(f) A statement identifying how materials collected from single family and 2 to 4 unit residences are processed and marketed.

(g) A statement on the participation or compliance at multiple-family dwellings and non-residential facilities and properties including documentation of inspections and response to complaints regarding the recycling program.

(h) A statement on opportunities for residents to reduce, reuse, or recycle the materials specified under s. 287.07 (1m), (2), NR 544.10

#### WISCONSIN ADMINISTRATIVE CODE

(4m), and (5) (a), Stats., including opportunities at private facilities accessible to the public.

(i) A statement that the provisions for the management of solid waste that is generated in the responsible unit's region and that is not separated or recovered for recycling is managed in a manner consistent with the highest feasible solid waste management priority under s. 287.05 (12), Stats.

(j) A statement that efforts are ongoing to improve the effectiveness of the recycling program, including waste reduction and reuse initiatives and efforts to increase collection of recyclable materials.

(k) If the responsible unit received a grant under ch. NR 542 for the reporting year, a financial report.

(L) A description of the public information and education program of the responsible unit during the reporting year.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. (1), (2) (d) and (i) Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (1), (2) (intro.), (a), (b), cr. (2) (bm), am. (2) (c), cr. (2) (cm), am. (2) (d), (f), (h) to (j), cr. (2) (k), (L) Register June 2025 No. 834, eff. 7-1-25.

NR 544.11 Annual program report review process. (1) The department shall review the annual program report of the responsible unit for the following:

(a) Compliance with the conditions of effective recycling program approval.

(b) Compliance with the requirements of this chapter.

(2) If the department finds that the responsible unit does not meet the requirements of sub. (1) (a) or (b), the department may take any of the following actions:

(a) Modify or condition the responsible unit program approval issued under s. NR 544.09 (1).

(b) Place the program on probation. A responsible unit under probation shall comply with s. NR 544.12.

(c) Terminate the program approval issued under s. NR 544.09 (1) or take enforcement action under s. 287.91 or 287.95, Stats.

(e) Withhold or request repayment of all or part of a grant payment to a responsible unit under this section and ss. NR 542.04 and 542.13.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (2) (a) to (c), r. (2) (d), cr. (2) (e) Register June 2025 No. 834, eff. 7-1-25; correction in (2) (e) made under s. 13.92 (4) (b) 7., Stats., Register June 2025 No. 834.

**NR 544.12 Programs under probation. (1)** A responsible unit that has been placed on probation under s. NR 544.11 (2) (b) has an effective recycling program for the purposes of ss. 287.07 (7) and 287.23, Stats.

(2) A responsible unit that has been placed on probation under s. NR 544.11 (2) (b) may be required to submit a plan to the department describing the actions it intends to take to meet the requirements of this chapter. The department shall review this plan and may require conditions in its approval. The department shall monitor a responsible unit's recycling program to ensure compliance with the probationary plan.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. Register June 2025 No. 834, eff. 7-1-25.

NR 544.13 Responsible units located in current service areas of facilities exempt under s. 287.07 (7) (b), Stats. A responsible unit that is located in the current service area of an operating solid waste treatment facility which is exempt under s. 287.07 (7) (b), Stats., and that uses that solid waste treatment facility, may be approved as an effective recycling program under this chapter if it meets the following requirements:

(1) It establishes a recycling program for aluminum, glass, steel and bi-metal containers.

(2) It provides for curbside collection of the non-combustible materials listed under sub. (1) in municipalities that have a population greater than 5,000.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (2) Register June 2025 No. 834, eff. 7-1-25.

**NR 544.14 Variances and exemptions. (1)** GEN-ERAL. A responsible unit with an effective recycling program may request in writing a variance or the department may on its own initiative grant a variance to the requirements of s. 287.11 (2) (b) and (er), Stats., for up to one year.

(2) VARIANCES REQUESTED BY THE RESPONSIBLE UNIT. A responsible unit with an effective recycling program may request a variance for up to one year to the requirements under s. 287.11 (2) (b) and (er), Stats., for a material identified under s. 287.07 (3) or (4), Stats., that is generated in the responsible unit's region. The department shall grant a variance if it determines the cost of selling processed material as defined under s. 287.11 (2m) (a) 2., Stats., exceeds at least one of the following:

(a) Ninety-eight dollars per ton of processed material, as periodically adjusted by the department to reflect changes in price levels due to inflation since 2023.

Note: The consumer price index (CPI) Inflation Calculator is available from the U.S. Bureau of Labor Statistics at https://data.bls.gov/cgi-bin/cpicalc.pl.

(b) The cost of disposing of processed material.

(3) VARIANCES INITIATED BY THE DEPARTMENT. (a) The department may, on its own initiative, grant to one or more responsible units with effective recycling programs a variance to the requirements in s. 287.11 (2) (b) and (er), Stats., for up to one year for a material identified in s. 287.07 (3) or (4), Stats., that is generated in the responsible unit's region if the department determines that the cost of selling processed material exceeds the amount under sub. (2) (a) or (b).

(b) The department may grant a responsible unit a variance to a requirement in s. 287.11 (2) (b) or (er), Stats., for up to one year for a material identified in s. 287.07 (3) or (4), Stats., in the event of an unexpected emergency.

(4) EXEMPTIONS. The department may grant exemptions from nonstatutory requirements of this chapter upon request of the responsible unit when the department determines that an exemption is needed to allow or encourage the management of solid waste in accordance with s. 287.05, Stats., and when the exemption will be consistent with the intent of this chapter. Before granting an exemption, the department shall take into account factors such as good cause or circumstances beyond the control of the responsible unit. When the circumstances for which the exemption was granted are no longer valid, the department shall rescind the exemption and revise the effective recycling program approval.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: am. Register June 2005 No. 594, eff. 7-1-05; CR 23-065: am. (2) (intro.), (a), (4) Register June 2025 No. 834, eff. 7-1-25.

NR 544.16 Materials recovery facilities used as part of an effective recycling program. (1) GENERAL RE-QUIREMENTS. The owner or operator of a materials recovery facility that serves as a component of a responsible unit's effective recycling program shall do all of the following:

(a) Operate and maintain the facility in a nuisance-free and environmentally sound manner in which litter, odors, and vectors are controlled.

(b) Excluding materials recovery facilities in the first year of operation, maintain records to verify that not less than 75 percent

NR 544.16

of the volume of materials accepted were transported from the facility to acceptable recycling, reuse, or disposal processes within 12 months of receipt at the facility, unless otherwise approved by the department.

**Note:** In this provision, the department intended to state "weight" instead of "volume," and will address this correction in future rulemaking. Data collected in the self-certification is in tons.

(c) Maintain recyclable materials in marketable condition.

(d) Except for materials recovery facilities located outside of Wisconsin, provide proof of financial responsibility for the cost of closure of the facility following the procedures in ch. NR 520 if a facility expects to accept more than 5,000 tons of materials in the upcoming calendar year with normal operation or has accepted more than 5,000 tons of materials in 2 of the last 3 calendar years. A facility may request release of financial responsibility if it accepted less than 5,000 tons of materials for 5 consecutive years and does not expect to accept more than 5,000 tons of naterials for 5 consecutive years and does not expect to accept more than 5,000 tons of solution of the section shall be calculated using only s. NR 520.07 (2m) (a) 1. and 4. and information specified under s. NR 544.16 (3) (a) 21. and 22. A facility shall establish proof of financial responsibility by submitting a form provided by the department at the following times, as applicable:

1. Starting in 2027, prior to accepting materials from a responsible unit if the facility is a new materials recovery facility.

2. Starting in 2027, by July 1 of the calendar year after a materials recovery facility has accepted more than 5,000 tons of materials in 2 of the last 3 calendar years.

3. By June 1, 2027, if the facility is in operation on July 1, 2025.

**Note:** The form may be obtained from the Department of Natural Resources, Bureau of Waste and Materials Management at 101 S. Webster St., P.O. Box 7921, Madison, WI 53707.

(e) For materials that are reported on the self-certification report under sub. (4) as not being from a commercial source, comply with one of the following requirements for container glass recycling:

1. Send for recycling or reuse each calendar year an amount of glass that equals more than 12 percent of the total weight of recyclable material accepted.

2. If the facility's percent of glass sent for recycling or reuse in a calendar year is less than the minimum required under subd. 1., the facility shall submit justification to the department explaining why the minimum was not met. If the facility's justification is not acceptable to the department based on requirements under ch. 287, Stats., and this chapter, the facility shall submit a glass recycling rate improvement plan that is acceptable to the department based on the requirements under ch. 287, Stats., within 60 days of the request for a plan.

(f) Maintain an annual residual rate that shall meet one of the following requirements:

1. A residual rate of 20 percent or less as calculated by total tons of accepted materials sent for disposal as a percent of total tons of processed material in a calendar year, as reported on the annual self-certification under sub. (4). Materials disposed of using a waiver under s. 287.07 (7) (g), Stats., shall be excluded from the residual rate calculation.

2. If the facility's residual rate is greater than the maximum allowed under subd. 1., the facility shall submit justification to the department. If the facility's justification is not acceptable to the department based on requirements under ch. 287, Stats., and this chapter, the facility shall submit a residual rate improvement plan that is acceptable to the department based on the requirements under ch. 287, Stats., within 60 days of the request for a plan.

(2) SELF-CERTIFICATION REQUIRED. (a) Unless exempt un-

der par. (b), the owner or operator of a materials recovery facility that serves as a component of a responsible unit's effective recycling program shall certify to the department that it meets the requirements under subs. (3) to (10) and that it shall continue to meet these requirements until a modified self-certification application is provided to the department under sub. (3) or the facility no longer needs to self-certify.

(b) A single commodity materials recovery facility is exempted from the self-certification requirements under par. (a) unless the department determines that self-certification or other reporting is necessary to ensure compliance with the requirements under sub. (1). A self-certification determination shall be effective for a period of one year.

(3) SELF-CERTIFICATION OF OPERATION APPLICATION. (a) The owner or operator of a materials recovery facility shall submit an application for self-certification of operation prior to first accepting recyclable materials from any responsible unit. The owner or operator of a materials recovery facility operating as of July 1, 2025, shall submit an application for self-certification for operation within 180 days of July 1, 2025. An updated self-certification for operation application shall be submitted within 30 days of any change in the information required under subds. 2. to 23. The owner or operator shall submit all of the following information to the department on a form supplied by the department:

**Note:** This form, or specific data formats for electronic submittal of the form, may be obtained from the Department of Natural Resources, Bureau of Waste Management at 101 S. Webster St., P.O. Box 7921, Madison, WI 53707.

1. The name of the owner and operator, and corresponding mailing and email addresses and telephone numbers. Changes to owner and operator names and contact information shall be provided to the department in writing within 30 days of a change.

2. The legal name of the materials recovery facility and the street address and telephone number at that location.

3. A description of the materials recovery operations, including a drawing or description of how material moves through the facility, the equipment and methods used for sorting the materials, any processing in addition to sorting performed at the facility, and other information as determined by the department.

4. A list of all responsible units that use the materials recovery facility, if known.

5. A list and description of all materials expected to be accepted at the materials recovery facility.

6. A statement describing whether incoming materials are received pre-sorted into individual commodities or commodity groups or collected in a single-stream or other alternative collection system.

7. The covered storage capacity for accepted materials.

8. The exposed storage capacity for accepted materials, the types and maximum quantities of accepted materials to be stored outdoors at any time, and the procedures used to prevent the spread of litter and to prevent discharge of contaminants to the environment from the materials.

10. The processing capacity of the materials recovery facility for accepted materials.

12. A description of the procedures used to prevent nuisance conditions and control litter, odors, and vectors at the materials recovery facility.

14. A description of the procedures used to effectively minimize residual material.

21. The maximum amount that the facility may have onsite at one time for each of the following:

a. Sorted accepted materials by commodity type.

- b. Unsorted accepted materials.
- c. Residual materials.

NR 544.16

22. For a facility that is required to provide proof of owner financial responsibility under sub. (1) (d), the cost of closure as determined under s. NR 520.07 (2m) for materials under subd. 21. The cost of closure under s. NR 520.07 (2m) (a) 1. shall include any materials that the department has determined have a net negative value after determining any loading, transportation, and disposal fees.

23. Statements certifying all of the following:

a. The materials recovery facility will produce recovered materials in accordance with market quality specifications.

b. The owner or operator of the materials recovery facility will provide information on the types of materials accepted for recycling to each responsible unit contracted with the facility. This information shall be provided annually and within 30 days of a change and shall be made available for inspection upon department request.

c. The owner or operator of the materials recovery facility will provide information on the types of materials accepted for recycling to each collection and transportation service provider contracted with the facility. This information shall be provided annually and within 30 days of a change and shall be made available for inspection upon department request.

d. The owner or operator of the materials recovery facility will provide by February 1 of each year sufficient information so that a responsible unit from which tonnage has been delivered and identified in the prior calendar year can comply with the reporting requirements under s. NR 544.10 (2) (d). For all measurements, the owner or operator of the materials recovery facility shall use sampling methods or measurements acceptable to the department.

e. Accepted materials will not be stored in wetlands as defined under s. NR 500.03 (258).

f. Accepted materials will not be stored in a floodplain as defined under s. NR 500.03 (87). This subd. 23. f. does not apply to a materials recovery facility at which recyclable materials were stored in a floodplain on or before November 1, 1992, provided that the area in which the recyclable materials are stored is not increased.

g. The owner or operator of the materials recovery facility will comply with the disposal and incineration prohibitions under s. 287.07 (1m), (2), (3), (4), (4m), and (5) (a), Stats.

h. The storage capacity is adequate to maintain the quality and quantity of the accepted materials for markets.

i. The processing capacity of the materials recovery facility is adequate to accommodate the quantities of accepted materials that will be received.

j. The exposed outdoor storage capacity will not be used for unbaled paper, cardboard, plastic, or other materials that can be easily moved by wind and water, unless contained by a bunker of at least 3 sides with wall height and length greater than the recyclables it contains or other containment of equal and adequate efficacy for litter control.

k. The facility has a contingency plan that will be used in the event of a shutdown or closure of 48 hours or less and a contingency plan that will be used in the event of a shutdown or closure greater than 48 hours.

L. Information created and distributed by the facility after July 1, 2025, regarding materials accepted for processing by the facility, including details on commodity types or special needs for collection, is accurate as of a specific date and indicates that the information is only specific to that facility, identified by name and address.

m. Within 60 days of a request from a responsible unit contracted with the materials recovery facility, the facility will review for accuracy the information about acceptable materials and rules on outreach and education material created for the responsible unit.

(b) Records shall be maintained at the site documenting the information required in this subsection for a period of at least 3 years.

(4) SELF-CERTIFICATION OF OPERATION RENEWAL AND RE-PORT. The owner or operator of a self-certified materials recovery facility shall submit a self-certification renewal and report by March 30 of each year, in a form supplied by the department, that shall contain all of the following:

(a) Certification that the facility has been and will continue to be maintained and operated in conformance with the information submitted in the most recent self-certification application.

(b) An inventory of materials, by source and category and expressed in tons, accepted from responsible units for the previous calendar year.

(bg) An inventory of materials, by weight and commodity type, that were processed onsite and sent offsite for reuse or recycling in the prior calendar year.

(br) An inventory of materials, by weight and commodity type, that were sent offsite for processing in the prior calendar year and the names of those processing facilities.

(c) Certification by the owner or operator of the materials recovery facility that records are maintained to verify that not less than 75 percent of the volume of materials accepted were transported from the facility for acceptable recycling, reuse, or disposal within 12 months of receipt at the facility, unless otherwise approved by the department. This requirement need not be met for the first year of operation of newly established materials recovery facilities.

**Note:** In this provision, the department intended to state "weight" instead of "volume," and will address this correction in future rulemaking. Data collected in the self-certification is in tons.

(d) The total quantity, by weight, of residual material generated at the materials recovery facility during the previous calendar year and the percentage of the total amount of processed materials that was residual material during the previous calendar year.

(e) Certification that the facility did not exceed any of the storage maximums identified on its self-certification of operation application during the previous calendar year.

(f) The name of the owner and operator and corresponding mailing and email addresses and telephone numbers.

(g) The legal name of the materials recovery facility and the street address at that location.

(h) A list of all responsible units that used the materials recovery facility in the prior year.

(i) A list and description of all materials currently accepted at the materials recovery facility, where materials are stored, and other details as requested by the department.

(5) INVALIDATION OF SELF-CERTIFICATION OF OPERATION. Should significant discrepancies between actual operations and information submitted under this section be found, or if a materials recovery facility fails to comply with requirements under this section, the department may invalidate the materials recovery facility's self-certification and thereby disqualify the materials recovery facility as a component of a responsible unit's effective recycling program.

(6) RECERTIFICATION. The owner or operator of a materials recovery facility with an invalidated self-certification under sub. (5) may resubmit the self-certification information required under subs. (3) and (4) to the department and request a review after correcting all deficiencies. The department may re-certify a materials recovery facility if it determines that the materials re-

NR 544.16

covery facility is in compliance with all requirements of this section and has put in place appropriate policies and procedures to remain in compliance with the requirements of this section.

(7) LIST OF SELF-CERTIFIED FACILITIES. The department shall maintain a list of materials recovery facilities that are self-certified under this section.

(8) NOTIFICATION OF CHANGE OF SERVICE. The owner or operator of a materials recovery facility that is self-certified under this section shall provide written notification to the department, collection and transportation service providers, and responsible units that have contracted directly with the facility for services as follows:

(a) At least 60 days prior to closing the materials recovery facility, or an anticipated interruption of service to a responsible unit for a period of more than one week.

(b) At least 60 days prior to moving the materials recovery facility to a different location.

(c) At least 60 days prior to changing the method of receiving incoming materials, including whether the materials are received pre-sorted into individual commodities or commodity groups, or collected in a single-stream or other alternative collection system.

(d) As soon as practicable after the occurrence of an unanticipated interruption of service of 48 hours or greater or any interruption of service that results in a change of material acceptance.

(9) CLAIMING A DISPOSAL FEE EXEMPTION FOR RESIDUAL MATERIALS. (a) An owner or operator of a materials recovery facility that claims a fee exemption under s. 289.63 (6) (d), 289.64 (4) (d), 289.645 (4) (h), or 289.67 (1) (fj), Stats., shall submit all of the following information, at a minimum, within one week of the end of each calendar quarter to each landfill that accepts the residual materials:

1. The total amount of residual materials generated by the materials recovery facility in the calendar quarter.

2. The amount equal to 10 percent of the total amount of incoming materials accepted for processing in the calendar quarter.

3. The amount of residual materials claimed for a fee exemption in the calendar quarter.

4. The name and title of the materials recovery facility representative who is certifying that the facility is eligible for a fee exemption in the calendar quarter.

(b) Landfills that accept the residual materials for disposal

shall submit to the department a copy of the documentation for a fee exemption from the materials recovery facility.

(10) BENEFICIALLY REUSING PROCESSED CONTAINER GLASS WITHIN A LANDFILL. A materials recovery facility that chooses to partner with a landfill and provide processed container glass, which is otherwise banned from landfill disposal, for an approved beneficial reuse activity within that landfill under s. 287.07 (7) (f), Stats., shall maintain a copy of the applicable landfill plan of operation modification approval onsite and shall provide all of the following information to a landfill each time a landfill requires a new plan of operation modification approval from the department:

(a) A comparison demonstrating that the financial cost for beneficial reuse of the processed container glass at the landfill property is less than the cost for recycling that same amount of container glass when the processed container glass is in marketable condition, or less than the cost of reusing the processed container glass outside of a landfill when the container glass is in marketable condition. The comparison shall include the cost of providing marketable quality glass to 2 non-landfill markets compared with the cost of the proposed landfill beneficial reuse. This analysis shall be specific to the facility and include transportation costs and the cost of supplying the processed container glass to the end user compared to the transportation costs and the cost of supplying the processed container glass to the landfill. The cost analysis may include costs that a facility may spend processing the container glass to marketable conditions for recycling or nonlandfill beneficial reuse and the cost that a facility may spend processing the container glass to the specifications for the proposed landfill beneficial reuse.

(b) An environmental comparison demonstrating that the beneficial reuse of processed container glass at a landfill will replace a product that requires higher energy use or produces higher greenhouse gas emissions per ton than the beneficial reuse of the processed container glass.

Note: Residual crushed glass, a minor byproduct that may be generated in the process of cleaning or sorting container glass into marketable material, does not require comparison data from the material recovery facility for beneficial reuse in a landfill.

History: Cr. Register, September, 1993, No. 453, eff. 10-1-93; CR 04-113: r. and recr. Register June 2005, No. 594, eff. 7-1-05; CR 23-065: am. (1) (a), (b), cr. (d) to (f), am. (2) (a), (b), (3) (title), (a) (intro.), 1, 3. to 8, r. (3) (a) 9, am. (3) (a) 10, r. (3) (a) 11, am. (3) (a) 12, r. (3) (a) 13, am. (3) (a) 14, r. (3) (a) 15. to 20, cr. (3) (a) 21. to 23, am. (4) (a), (b), cr. (4) (bg), (br), am. (4) (c), (d), cr. (4) (e) to (i), renum. (5) (intro.) to (5) and am., r. (5) (a) to (g), am. (6), (8) (intro.), (c), (d), r. Table 1, cr. (9), (10) Register June 2025 No. 834, eff. 7-1-25; correction in (1) (e) 2, (f) 2., (10) (b) made under s. 35.17, Stats., and correction in (3) (a) 23. f. made under s. 13.92 (4) (b) 7., Stats., Register June 2025 No. 834.