2021 -- H 5446

LC001001

STATE OF RHODE ISLAND

IN GENERAL ASSEMBLY

JANUARY SESSION, A.D. 2021

AN ACT

RELATING TO HEALTH AND SAFETY -- REFUSE DISPOSAL--ELIMINATION OF POST-USE POLYMERS AND RECOVERED FEEDSTOCKS USED IN ADVANCED RECYCLING PROCESSES FROM SOLID WASTE

Introduced By: Representatives Tobon, Casey, Craven, Diaz, and Solomon

Date Introduced: February 10, 2021

Referred To: House Environment and Natural Resources

It is enacted by the General Assembly as follows:

SECTION 1. Section 23-18.9-7 of the General Laws in Chapter 23-18.9 entitled "Refuse Disposal" is hereby amended to read as follows:

23-18.9-7. Definitions.

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As used in this chapter, the following terms shall, where the context permits, be construed as follows:

(1) "Advanced recycling" means a manufacturing process for the conversion of post-use polymers and recovered feedstocks into basic hydrocarbon raw materials, feedstocks, chemicals, liquid fuels and other products like waxes and lubricants through processes that include pyrolysis, gasification, depolymerization, catalytic cracking, reforming, hydrogenation, solvolysis, and other similar technologies. The recycled products produced at advanced recycling facilities include, but are not limited to, monomers, oligomers, plastics, plastics and chemical feedstocks, basic and unfinished chemicals, crude oil, naphtha, liquid transportation fuels, waxes, lubricants, coatings, and other basic hydrocarbons. Advanced recycling shall not be considered resource recovery, materials recovery, treatment, utilization, conversion, waste processing, reconstituting, recycling, waste management, incineration, combustion, or disposal.

(2) "Advanced recycling facility" means a facility that receives, stores and converts postuse polymers and recovered feedstocks it receives using advanced recycling. An advanced recycling facility is a manufacturing facility subject to applicable department manufacturing regulations for air, water, waste, and land use. Advanced recycling facilities shall not be considered solid waste management facilities, waste processing facilities, resource recovery facilities, materials recovery facilities, intermediate processing facilities, or incinerators.

- (17)(3) "Anaerobic digestion facility" means a facility employing a closed vessel to perform a closed process of accelerated biodegradation of organic materials and/or organic solid wastes into biogas and digestate, using microorganisms under controlled conditions in the absence of oxygen.
- (1)(4) "Beneficial reuse material" means a processed, nonhazardous, solid waste not already defined as recyclable material by this chapter and by regulations of the Rhode Island department of environmental management that the director has determined can be reused in an environmentally beneficial manner without creating potential threats to public health, safety, welfare, or the environment or creating potential nuisance conditions.
- (2)(5) "Beneficial use determination" (BUD) means the case-by-case process by which the director evaluates a proposal to use a specific solid waste as a beneficial reuse material for a specific purpose at a specific location within the host municipality.
- (3)(6) "Cocktailing" means the adding, combining, or mixing of hazardous waste as defined in § 23-19.1-4 with construction debris and demolition debris.
 - (16)(7) "Composting facility" means land, appurtenances, structures, or equipment where organic materials originating from another process or location that have been separated at the point or source of generation from nonorganic material are recovered using a process of accelerated biological decomposition of organic material under controlled aerobic conditions.
- (4)(8) "Construction and demolition (C&D) debris" means non-hazardous solid waste resulting from the construction, remodeling, repair, and demolition of utilities and structures and uncontaminated solid waste resulting from land clearing. This waste includes, but is not limited to, wood (including painted, treated, and coated wood, and wood products); land-clearing debris; wall coverings; plaster; drywall; plumbing fixtures; non-asbestos insulation; roofing shingles and other roof coverings; glass; plastics that are not sealed in a manner that conceals other wastes, empty buckets ten (10) gallons or less in size and having no more than one inch of residue remaining on the bottom; electrical wiring and components containing no hazardous liquids; and pipe and metals that are incidental to any of the previously described waste. Solid waste that is not C&D debris (even if resulting from the construction, remodeling, repair, and demolition of utilities, structures and roads; land clearing) includes, but is not limited to, asbestos; waste; garbage; corrugated container board; electrical fixtures containing hazardous liquids, such as fluorescent light ballasts or transformers; fluorescent lights; carpeting; furniture; appliances; tires; drums; containers greater

1	than ten gallons (10 gals.) in size; any containers having more than one inch of residue remaining
2	on the bottom; and fuel tanks. Specifically excluded from the definition of construction and
3	demolition debris is solid waste (including what otherwise would be construction and demolition
4	debris) resulting from any processing technique, other than that employed at a department-approved
5	C&D debris processing facility, that renders individual waste components unrecognizable, such as
6	pulverizing or shredding.
7	(5)(9) "Construction and demolition debris processing facility" means a solid waste
8	management facility that receives and processes construction and demolition debris. These
9	facilities must demonstrate, through records maintained at the facility and provided to the
10	department, that seventy-five percent (75%) of all material received by the facility is processed and
11	removed from the site within six (6) weeks of receipt on a continuous basis, and that in no case
12	stores material on site for over three (3) months; provided, however, these facilities do not include
13	municipal compost facilities.
14	(6)(10) "Construction and demolition debris separation facility" means a facility that
15	receives, separates, and/or screens construction and demolition debris into its components for
16	subsequent resale or processing that includes, but is not limited to, grinding, shredding, crushing,
17	or landfilling at another location separate and apart from the location on which the separation
18	occurs.
19	(21)(11) "Covered educational facility" means a building or group of two (2) or more
20	interconnected buildings owned or used by a covered educational institution at which organic waste
21	materials are generated.
22	(20)(12) "Covered educational institution" means a higher educational or research
23	institution.
24	(19)(13) "Covered entity" means each commercial food wholesaler or distributor, industrial
25	food manufacturer or processor, supermarket, resort or conference center, banquet hall, restaurant,
26	religious institution, military installation, prison, corporation, hospital or other medical care
27	institution, and casino.
28	(14) "Depolymerization" means a manufacturing process where post-use polymers are
29	broken into smaller molecules such as monomers and oligomers or raw, intermediate, or final
30	products, plastics and chemical feedstocks, basic and unfinished chemicals, crude oil, naphtha,
31	liquid transportation fuels, waxes, lubricants, coatings, and other basic hydrocarbons.
32	(7)(15) "Director" means the director of the department of environmental management or
33	any subordinate or subordinates to whom the director has delegated the powers and duties vested
34	in him or her by this chapter.

1	(8)(16) "Expansion" means any increase in volume, size, or scope, either vertically,
2	horizontally, or otherwise; provided, however, that this section does not apply to the vertical
3	expansion of the Charlestown municipal landfill until the closure date of July 1, 2000.
4	(17) "Gasification" means a manufacturing process through which recovered feedstocks
5	are heated and converted into a fuel-gas mixture in an oxygen-deficient atmosphere, and the
6	mixture is converted into valuable raw, intermediate and final products, including, but not limited
7	to, crude oil, diesel, gasoline, home heating oil or other fuels including ethanol and transportation
8	fuel, plastic monomers, chemicals, waxes, lubricants, chemical feedstocks, and diesel and gasoline
9	blendstocks, that are returned to economic utility in the form of raw materials, products, or fuels.
10	(15)(18) "Organic waste material" means the organic material portion of the solid waste
11	stream, including, but not limited to, food scraps, food processing residue, and soiled or
12	unrecyclable paper that has been separated from nonorganic material.
13	(18)(19) "Other authorized recycling method" means:
14	(i) Recycling organic waste material on site or treating organic waste material via on-site
15	organic treatment equipment permitted pursuant to the general laws or federal law; or
16	(ii) Diverting organic waste material for agricultural use, including consumption by
17	animals.
18	(9)(20) "Person" includes an individual, firm, partnership, association, and private or
19	municipal corporation.
20	(21) "Post-use polymer" means a plastic polymer to which all of the following apply:
21	(i) It is derived from any industrial, commercial, agricultural, or domestic activities;
22	(ii) It is not mixed with solid waste or hazardous waste onsite or during processing at the
23	advanced recycling facility;
24	(iii) The plastic's use or intended use is as a feedstock for the manufacturing of crude oil,
25	fuels, feedstocks, blendstocks, raw materials, or other intermediate products or final products using
26	advanced recycling;
27	(iv) The plastic has been sorted from solid waste and other regulated waste but may contain
28	residual amounts of solid waste such as organic material and incidental contaminants or impurities
29	(e.g., paper labels and metal rings); and
30	(v) The plastic is processed at an advanced recycling facility or held at such facility prior
31	to processing. Post-use polymer shall not be considered co-mingled recyclable materials.
32	(22) "Pyrolysis" means a manufacturing process through which post-use polymers are
33	heated in the absence of oxygen until melted and thermally decomposed, and are then cooled,
34	condensed, and converted into valuable raw, intermediate and final products, including, but not

1	limited to, crude oil, diesel, gasoline, home heating oil or other fuels including ethanol and
2	transportation fuel, plastic monomers, chemicals, waxes, lubricants, chemical feedstocks, and
3	diesel and gasoline blendstocks, that are returned to economic utility in the form of raw materials,
4	products, or fuels.
5	(23) "Recovered feedstock" means one or more of the following materials, derived from
6	recoverable waste, that has been processed in order that it may be used as feedstock in an advanced
7	recycling facility:
8	(i) Post-use polymers;
9	(ii) Materials for which the United States Environmental Protection Agency has made a
10	nonwaste determination under 40 C.F.R. 241.3(c) or has otherwise determined are feedstocks and
11	not solid waste;
12	(iii) Recoverable feedstock does not include unprocessed municipal solid waste;
13	(iv) Recovered feedstock is not mixed with solid waste or hazardous waste onsite or during
14	processing at an advanced recycling facility;
15	(v) Recovered feedstock shall not be considered co-mingled recyclable materials.
16	(10)(24) "Recyclable materials" means those materials separated from solid waste for
17	reuse. The director of the department of environmental management, through regulations, shall
18	specify those materials that are to be included within the definition of recyclables. The materials to
19	be included may change from time to time depending upon new technologies, economic conditions,
20	waste stream characteristics, environmental effects, or other factors.
21	(11)(25) "Segregated solid waste" means material separated from other solid waste for
22	reuse-, but does not include post-use polymers or recovered feedstocks that are:
23	(i) Processed at an advanced recycling facility;
24	(ii) Held at such a facility prior to processing to ensure production is not interrupted; or
25	(iii) Stored off-site with intent that they will be processed at an advanced recycling facility,
26	but before delivery to such a facility.
27	(12)(26) "Solid waste" means garbage, refuse, tree waste as defined by subsection (14) of
28	this section, and other discarded solid materials generated by residential, institutional, commercial,
29	industrial, and agricultural sources, but does not include solids or dissolved material in domestic
30	sewage or sewage sludge or dredge material as defined in chapter 6.1 of title 46, nor does it include
31	hazardous waste as defined in chapter 19.1 of this title, nor does it include used asphalt, concrete,
32	or Portland concrete cement. Solid waste does not include post-use polymers or recovered
33	feedstocks that are:
34	(i) Processed at an advanced recycling facility;

1	(II) Held at such a facility prior to processing, or
2	(iii) Stored off-site with intent that they will be processed at an advanced recycling facility,
3	but before delivery to such a facility.
4	(13)(27) "Solid waste management facility" means any plant, structure, equipment, real
5	and personal property, except mobile equipment or incinerators with a capacity of less than one
6	thousand pounds (1,000 lbs.) per hour, operated for the purpose of processing, treating, or disposing
7	of solid waste but not segregated solid waste. Any solid waste management facility that stores waste
8	materials containing gypsum on site over three (3) months must install and maintain an active gas
9	collection system approved by the department of environment management. Solid waste
10	management facilities do not include advanced recycling facilities.
11	(28) "Solvolysis" means a manufacturing process through which post-use polymers are
12	reacted with the aid of solvents, while heated at low temperatures and/or pressurized to make useful
13	products while allowing additives and contaminants to be separated. The products of solvolysis,
14	include, but are not limited to, monomers, intermediates and valuable raw materials. The process,
15	includes, but is not limited to, hydrolysis, aminolysis, ammonoloysis, methanolysis and glycolysis.
16	(14)(29)(i) "Tree waste" means all parts of a tree, including stumps, branches, and logs that
17	shall be considered solid waste for purposes of this chapter unless the tree waste meets the following
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18	criteria:
18 19	(A) The tree waste remains on the property where it was generated; or
19	(A) The tree waste remains on the property where it was generated; or
19 20	(A) The tree waste remains on the property where it was generated; or(B) The tree waste remains in the possession of the person who generated it and is stored
19 20 21	(A) The tree waste remains on the property where it was generated; or(B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and
19 20 21 22	(A) The tree waste remains on the property where it was generated; or(B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or
19 20 21 22 23	 (A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable
19 20 21 22 23 24	 (A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch.
19 20 21 22 23 24 25	 (A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate,
119 220 221 222 223 224 225 226	 (A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this
19 20 21 22 23 24 25 26 27	 (A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this title or the authority of the state and/or a city or town to protect the public health, safety, or welfare
19 20 21 22 23 24 25 26 27 28	(A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this title or the authority of the state and/or a city or town to protect the public health, safety, or welfare from a public nuisance resulting from the storage and handling of tree waste.
19 20 21 22 23 24 25 26 27 28 29	(A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this title or the authority of the state and/or a city or town to protect the public health, safety, or welfare from a public nuisance resulting from the storage and handling of tree waste. SECTION 2. Section 23-19-5 of the General Laws in Chapter 23-19 entitled "Rhode Island"
19 20 21 22 23 24 25 26 27 28 29 30	(A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this title or the authority of the state and/or a city or town to protect the public health, safety, or welfare from a public nuisance resulting from the storage and handling of tree waste. SECTION 2. Section 23-19-5 of the General Laws in Chapter 23-19 entitled "Rhode Island Resource Recovery Corporation" is hereby amended to read as follows:
19 20 21 22 23 24 25 26 27 28 29 30 31	(A) The tree waste remains on the property where it was generated; or (B) The tree waste remains in the possession of the person who generated it and is stored above the ground surface, on property that the same person controls, for purposes of recycling and reuse; or (C) The tree waste, whether generated on or off-site, is being actively managed as a usable wood product such as landscape mulch, wood chips, firewood, or mulch. (ii) The application of the criteria set forth in this section shall not be deemed to abrogate, diminish, or impair the enforcement of the requirements established pursuant to chapter 28.1 of this title or the authority of the state and/or a city or town to protect the public health, safety, or welfare from a public nuisance resulting from the storage and handling of tree waste. SECTION 2. Section 23-19-5 of the General Laws in Chapter 23-19 entitled "Rhode Island Resource Recovery Corporation" is hereby amended to read as follows: 23-19-5. Definitions.

1	polymers and recovered feedstocks into basic hydrocarbon raw materials, feedstocks, chemicals,
2	liquid fuels and other products like waxes and lubricants through processes that include pyrolysis,
3	gasification, depolymerization, catalytic cracking, reforming, hydrogenation, solvolysis, and other
4	similar technologies. The recycled products produced at advanced recycling facilities include, but
5	are not limited to, monomers, oligomers, plastics, plastics and chemical feedstocks, basic and
6	unfinished chemicals, crude oil, naphtha, liquid transportation fuels, waxes, lubricants, coatings,
7	and other basic hydrocarbons. Advanced recycling shall not be considered resource recovery,
8	materials recovery, treatment, utilization, conversion, waste processing, reconstituting, recycling,
9	waste management, incineration, combustion, or disposal.
10	(2) "Advanced recycling facility" means a facility that receives, stores and converts post-
11	use polymers and recovered feedstocks it receives using advanced recycling. An advanced
12	recycling facility is a manufacturing facility subject to applicable department manufacturing
13	regulations for air, water, waste, and land use. Advanced recycling facilities shall not be considered
14	solid waste management facilities, waste processing facilities, resource recovery facilities,
15	materials recovery facilities, intermediate processing facilities, or incinerators.
16	(1)(3) "Bonds and notes" means bonds, including without limitation refunding bonds,
17	notes, including without limitation renewal notes and bond anticipation notes, and other obligations
18	or evidences of indebtedness of the corporation issued pursuant to the provisions of this chapter
19	and the resolutions of the corporation.
20	(2)(4) "Central landfill" means the central landfill located in Johnston.
21	(3)(5) "Corporation" means the Rhode Island resource recovery corporation created and
22	established pursuant to this chapter.
23	(6) "Depolymerization" means a manufacturing process where post-use polymers are
24	broken into smaller molecules such as monomers and oligomers or raw, intermediate, or final
25	products, plastics and chemical feedstocks, basic and unfinished chemicals, crude oil, naphtha,
26	liquid transportation fuels, waxes, lubricants, coatings, and other basic hydrocarbons.
27	(7) "Gasification" means a manufacturing process through which recovered feedstocks are
28	heated and converted into a fuel-gas mixture in an oxygen-deficient atmosphere, and the mixture
29	is converted into valuable raw, intermediate and final products, including, but not limited to, crude
30	oil, diesel, gasoline, home heating oil or other fuels including ethanol and transportation fuel,
31	plastic monomers, chemicals, waxes, lubricants, chemical feedstocks, and diesel and gasoline
32	blendstocks, that are returned to economic utility in the form of raw materials, products, or fuels.
33	(4)(8) "Landfill revenues" means the surplus, if any, of all tipping fees and other revenues
34	received at the central landfill over the annual costs of the landfill, and a pro-rata share of the

2	(5)(9) "Municipal solid waste" means that solid waste generated by the residents of a
3	municipality in the course of their daily living, the disposal of which the governing body of that
4	municipality has undertaken in the discharge of its duties to protect the health of the municipality.
5	Municipal solid waste does not include solid waste generated by residents of a municipality in the
6	course of their employment or that generated by any manufacturing or commercial enterprise.
7	(6)(10) "Municipal solid waste disposal arrangements" means those arrangements entered
8	into by a municipality which provide for the final disposal of wastes in a manner approved by the
9	department of health, the department of environmental management, and the corporation; provided,
10	however, that the disposal of wastes in transfer stations or facilities for interim storage shall not
11	constitute final disposal of the wastes.
12	(7)(11) "Municipality" means any town or city within the state.
13	(8)(12) "Person" means any individual, firm, institution, partnership, association or
14	corporation, public, or private, organized or existing under the laws of the state or other states
15	including federal corporations, but excluding municipalities.
16	(13) "Post-use polymer" means a plastic polymer to which all of the following apply:
17	(i) It is derived from any industrial, commercial, agricultural, or domestic activities;
18	(ii) It is not mixed with solid waste or hazardous waste onsite or during processing at the
19	advanced recycling facility;
20	(iii) The plastic's use or intended use is as a feedstock for the manufacturing of crude oil,
21	fuels, feedstocks, blendstocks, raw materials, or other intermediate products or final products using
22	advanced recycling;
23	(iv) The plastic has been sorted from solid waste and other regulated waste but may contain
24	residual amounts of solid waste such as organic material and incidental contaminants or impurities
25	(e.g., paper labels and metal rings); and
26	(v) The plastic is processed at an advanced recycling facility or held at such facility prior
27	to processing. Post-use polymer shall not be considered co-mingled recyclable materials.
28	(9)(14) "Project" means the design, acquisition, ownership, operation, construction,
29	rehabilitation, improvement, development, sale, lease, or other disposition of, or the provision of
30	financing for, any solid waste management facility or the industrial and/or business parks in the
31	town of Johnston authorized by § 23-19-9(a)(7) and the highway access authorized by § 23-19-
32	10.3.
33	(15) "Pyrolysis" means a manufacturing process through which post-use polymers are
34	heated in the absence of oxygen until melted and thermally decomposed, and are then cooled,

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 $corporation \hbox{'s administrative expenses}.$

1	condensed, and converted into valuable raw, intermediate and final products, including, but not
2	limited to, crude oil, diesel, gasoline, home heating oil or other fuels including ethanol and
3	transportation fuel, plastic monomers, chemicals, waxes, lubricants, chemical feedstocks, and
4	diesel and gasoline blendstocks, that are returned to economic utility in the form of raw materials,
5	products, or fuels.
6	(16) "Recovered feedstock" means one or more of the following materials, derived from
7	recoverable waste, that has been processed so that it may be used as feedstock in an advanced
8	recycling facility:
9	(i) Post-use polymers;
10	(ii) Materials for which the United States Environmental Protection Agency has made a
11	nonwaste determination under 40 C.F.R. 241.3(c) or has otherwise determined are feedstocks and
12	not solid waste;
13	(iii) Recoverable feedstock does not include unprocessed municipal solid waste;
14	(iv) Recovered feedstock is not mixed with solid waste or hazardous waste onsite or during
15	processing at an advanced recycling facility;
16	(v) Recovered feedstock shall not be considered co-mingled recyclable materials.
17	(10)(17) "Recyclable materials" means those materials separated from solid waste for
18	reuse. The director of the department of environmental management through regulations shall
19	specify those materials that are to be included within the definition of recyclables. The materials to
20	be included may change from time to time depending upon new technologies, economic conditions,
21	characteristics of the waste stream, environmental effects, or other factors.
22	(11)(18) "Recycling" means the reuse of recovered resources in manufacturing, agriculture,
23	power production, or other processes.
24	(12)(19) "Resource recovery" means the processing of solid wastes in such a way as to
25	produce materials or energy that may be used in manufacturing, agriculture, and other processes.
26	(13)(20) "Resource recovery system" means the corporation's integrated system of resource
27	recovery consisting of a series of waste processing facilities designed to process a minimum of
28	seventy percent (70%) of the municipal and commercial solid waste streams by employing an on-
29	site waste separation technology for the purpose of recycling and/or reusing a minimum of seventy
30	percent (70%) of the solid waste stream, and minimal use of landfills for the purpose of providing
31	temporary backup or bypass landfill capacity and residue disposal from waste processing facilities
32	and any other related facilities and services.
33	(14)(21) "Resource recovery system costs" means all operating costs of the system; debt
34	service and other financing costs related to the resource recovery system; the costs of recycling

1	grants-in-aid and similar obligations of the corporation; allocations for extraordinary and
2	unexpected costs; and a pro-rata share of the corporation's administrative expenses.
3	(15)(22) "Resource recovery system revenues" means all amounts received by the
4	corporation as municipal tipping fees, non-municipal tipping fees, energy revenues, revenues from
5	the sale of recyclable materials, and all other revenues received with respect to the resource
6	recovery system, but shall not include any landfill revenues and any amounts received as a state
7	subsidy.
8	(16)(23) "Revenues" means monies or income received by the corporation in whatever
9	form, including but not limited to fees, charges, lease payments, interest payments on investments,
10	payments due and owing on account of an instrument, contract, or agreement between the
11	corporation, any municipality, or person, gifts, grants, or any other monies or payments to which
12	the corporation is entitled under the provisions of this chapter or any other law, or of any agreement,
13	contract, or indenture.
14	(17)(24) "Segregated solid waste" means material which has been separated from the waste
15	stream at the generation source for the purpose of recovering and recycling the materials, but does
16	not include post-use polymers or recovered feedstocks that are:
17	(i) Processed at an advanced recycling facility;
18	(ii) Held at such a facility prior to processing to insure production is not interrupted; or
19	(iii) Stored off-site with the intent that they will be processed at an advanced recycling
20	facility, but before delivery to such a facility.
21	(18)(25) "Solid waste" means garbage, refuse, sludge from a waste treatment plant, water
22	supply treatment plant, or air pollution control facility and other discarded materials, including
23	solid, liquid, semisolid, or contained gaseous material generated by residential, institutional,
24	commercial, industrial, and agricultural sources but does not include solids or dissolved materials
25	in domestic sewage. Solid waste does not include post-use polymers or recovered feedstocks that
26	are:
27	(i) Processed at an advanced recycling facility;
28	(ii) Held at such a facility prior to processing; or
29	(iii) Stored off-site with the intent that they will be processed at an advanced recycling
30	facility, but before delivery to such a facility.
31	(19)(26) "Solid waste management facility" means any plant, structure, equipment, and
32	other property, real, personal, or mixed, or the modification or replacement of any of the foregoing,
33	for the receipt, storage, treatment, utilization, processing, transporting, or final disposition of or
34	recovery of resources from solid waste other than segregated solid waste, or any facility which

1	disposes of solid waste by reconstituting, converting, or otherwise recycling it into material which
2	is not waste; or any property or system to be used in whole or in part for any of the previously
3	mentioned purposes, whether or not another purpose is also served by it; or any other property or
4	system incidental to, or which has to do with, or the end purpose of which, is any of the foregoing;
5	or any combination of two (2) or more of the foregoing. Solid waste management facilities do not
6	include advanced recycling facilities.
7	(27) "Solvolysis" means a manufacturing process through which post-use polymers are
8	reacted with the aid of solvents, while heated at low temperatures and/or pressurized to make useful
9	products while allowing additives and contaminants to be separated. The products of solvolysis,
10	include, but are not limited to, monomers, intermediates and valuable raw materials. The process,
11	includes, but is not limited to, hydrolysis, aminolysis, ammonoloysis, methanolysis and glycolysis.
12	(20)(28) "Statewide resource recovery system development plan" means that plan which
13	will specify the location, size, and type of solid waste management facilities that may be required
14	to develop an integrated statewide resource recovery system for the effective management of solid
15	waste in Rhode Island. It will also specify a proposed schedule by which the component facilities
16	will be phased into the statewide system, and it will provide for the administrative and financial
17	requirements for implementing the plan.
18	(21)(29) "Waste management" means actions taken to effectuate the receipt, storage,
19	transportation, and processing for resource recovery and recycling, or for the ultimate disposal, of
20	solid waste.
21	(22)(30) "Waste processing facility" means a solid waste facility employing recycling
22	based technology employing an on-site waste separation technology designed to process both
23	nonsource separated and source separated solid waste for the purpose of recycling, and/or
24	composting, and/or reusing a minimum of seventy percent (70%) of the municipal and commercial
25	solid waste streams.
26	SECTION 3. This act shall take effect upon passage.

LC001001

EXPLANATION

BY THE LEGISLATIVE COUNCIL

OF

AN ACT

RELATING TO HEALTH AND SAFETY -- REFUSE DISPOSAL--ELIMINATION OF POST-USE POLYMERS AND RECOVERED FEEDSTOCKS USED IN ADVANCED RECYCLING PROCESSES FROM SOLID WASTE

This act would exempt post-use polymers and recovered feedstocks used in advanced recycling processes from the definition of solid waste.

This act would take effect upon passage.

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LC001001