



RESOLUTION OF THE CITY COUNCIL

No. 210

EFFECTIVE May 14, 2023

WHEREAS, House Bill H-5142 would provide for a prohibition on any new high-heat waste facility.

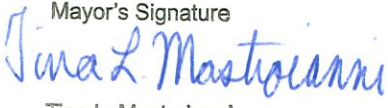
NOW, THEREFORE, BE IT RESOLVED, That the Providence City Council hereby supports and urges passage of House Bill H-5142, An Act Relating to Health and Safety - High Heat Waste Facility Act of 2023.

BE IT FURTHER RESOLVED, That upon passage, copies of this resolution be transmitted to the Speaker of the House and the Providence Delegation.

IN CITY COUNCIL
MAY 04 2023
READ AND PASSED


RACHEL M. MILLER, PRESIDENT

CLERK

Effective without the
Mayor's Signature

Tina L. Mastroianni
City Clerk

JANUARY SESSION, A.D. 2023

RELATING TO HEALTH AND SAFETY -- HIGH HEAT WASTE FACILITY ACT OF 2023

Referred To: House Environment and Natural Resources

(2) “Depolymerization” means a process through which heat, pressure, and/or solvents are

1 used to break plastic polymers into oligomers and/or monomers.

2 (3) "Gasification" means a process through which materials are exposed to heat, converting
3 carbon-based materials to synthetic fuels, chemical feedstocks, waxes, lubricants, or other
4 substances and solid residues, slag, ash, char, liquid wastes, and/or wastewater.

5 (4) "Hazardous waste" has the same meaning as set forth in § 23-19.1-4.

6 (5) "High-heat waste facility" means a facility which:

7 (i) Uses any disposal, treatment, recycling, or manufacturing process including, but not
8 limited to, combustion, incineration, gasification, pyrolysis, hydrolysis, solvolysis, or
9 depolymerization, that exposes solid waste, segregated solid waste, recyclable materials,
10 construction and demolition (C&D) debris, post-use polymers, or recovered feedstock to
11 temperatures above four hundred degrees Fahrenheit (400° F); or

12 (ii) Combusts chemicals, feedstocks, fuels, monomers, oligomers, hydrocarbons, or waste
13 residues derived from any process that exposes solid waste, segregated solid waste, recyclable
14 materials, construction and demolition (C&D) debris, post-use polymers, or recovered feedstock to
15 temperatures above four hundred degrees Fahrenheit (400° F).

16 "High-heat waste facility" includes advanced recycling facilities, chemical recycling
17 facilities, molecular recycling facilities, and any other facility that uses a thermochemical process
18 to convert post-use polymers, plastic, or recovered feedstock into fuels, chemical feedstocks,
19 monomers, oligomers, hydrocarbons, waxes, lubricants, feedstocks, fuels, or hydrocarbons.

20 (6) "Hydrolysis" means a process through which materials are exposed to heat in the
21 presence of hydrogen, converting carbon-based materials to synthetic fuels, chemical feedstocks,
22 waxes, lubricants, or other substances and solid residues, slag, ash, char, liquid wastes, and/or
23 wastewater.

24 (7) "Plastic" means a synthetic material made from linking monomers through a chemical
25 reaction to create a polymer chain, including material derived from either petroleum or a
26 biologically based polymer, such as corn or other plant sources.

27 (8) "Post-use polymer" means a plastic polymer previously used in any industrial,
28 commercial, agricultural, or domestic activity.

29 (9) "Pyrolysis" means a process through which materials are exposed to heat in the absence
30 of oxygen, converting carbon-based materials to synthetic fuels, chemical feedstocks, waxes,
31 lubricants, or other substances and solid residues, slag, ash, char, liquid wastes, and/or wastewater.

32 (10) "Recovered feedstock" means material derived and separated from solid waste,
33 segregated solid waste, recyclable materials, or construction and demolition (C&D) debris for use
34 as a feedstock or raw material in a high-heat waste facility.

- 1 [\(11\) “Recyclable materials” has the same meaning as set forth in § 23-18.9-7.](#)
- 2 [\(12\) “Segregated solid waste” has the same meaning as set forth in § 23-18.9-7.](#)
- 3 [\(13\) “Solid waste” has the same meaning as set forth in § 23-18.9-7.](#)
- 4 [\(14\) “Solvolysis” means a process through which materials are combined with a solvent](#)
- 5 [and subjected to heat and/or high pressure.](#)
- 6 **23-19.19-3. Prohibition on new high-heat waste facilities.**
- 7 [Notwithstanding any other law, rule, or regulation to the contrary, no permit or license shall](#)
- 8 [be issued for the construction or operation of a new high-heat waste facility, and no application for](#)
- 9 [a permit or license for such a facility shall be granted or issued by the state.](#)
- 10 SECTION 2. This act shall take effect upon passage.

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EXPLANATION
BY THE LEGISLATIVE COUNCIL
OF
A N A C T
RELATING TO HEALTH AND SAFETY -- HIGH HEAT WASTE FACILITY ACT OF 2023

- 1 This act would provide for a prohibition on any new high-heat waste facility.
- 2 This act would take effect upon passage.

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LC000250
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