

SENATE No.

The Commonwealth of Massachusetts

PRESENTED BY:

Liz Miranda

To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act to improve environmental justice in the Commonwealth.

PETITION OF:

NAME:

Liz Miranda

DISTRICT/ADDRESS:

Second Suffolk

SENATE No.

By Ms. Miranda, a petition (accompanied by bill) (subject to Joint Rule 12) of Liz Miranda for legislation to improve environmental justice in the Commonwealth by establishing the Green Zones Act. Environment and Natural Resources.

The Commonwealth of Massachusetts

**In the One Hundred and Ninety-Third General Court
(2023-2024)**

An Act to improve environmental justice in the Commonwealth.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 SECTION 1. Whereas Black/African American, Asian, Indigenous, Latino/Hispanic, and
2 low-income persons of the Commonwealth have been adversely and disproportionately impacted
3 by environmental burdens posed by living and working in environmental justice neighborhoods,
4 it is the intention of the general court, to authorize meaningful actions to redress said impacts. To
5 achieve the purposes as stated in this section as well as sections 2 and 3, inclusive, this Act shall
6 be known as the Commonwealth GREEN ZONES ACT.

7 SECTION 2. As used in sections 1 through 4, inclusive, the following words shall, unless
8 the context clearly requires otherwise, have the following meanings:—

9 “Environmental Audit” means a comprehensive study undertaken by the secretary for the
10 purpose of identifying and quantifying the number and type of environmental burdens as defined
11 herein and shall include but not be limited public health data, public safety data, energy burden,

12 transportation access data, and land use where such data is useful in quantifying the
13 environmental burden within an environmental justice neighborhood.

14 Where clusters of environmental burden and/or opportunity to create environmental
15 sustainability and Environmental resilience exist, those areas will be defined as “Green Zones”
16 for the purpose of planning and funding.

17 The audit will include determining prior causes of environmental burden, where possible,
18 if those conditions still exist, and the ideal future “Green” state.

19 “Environmental Burdens” means (a) any destruction, damage, or impairment of natural
20 resources that is not insignificant, resulting from intentional or reasonably foreseeable causes,
21 including but not limited to climate change, air pollution, water pollution, soil contamination,
22 improper sewage disposal, dumping of solid wastes and other noxious substances, excessive
23 noise, activities that limit access to natural resources and constructed outdoor recreational
24 facilities and venues, inadequate remediation of pollution, reduction of ground water levels,
25 impairment of water quality, increased flooding or storm water flows, and damage to inland
26 waterways and waterbodies, wetlands, marine shores and waters, forests, open spaces, and
27 playgrounds from private industrial, residential, commercial and government operations or other
28 activity that contaminates or alters the quality of the environment and poses a risk to public
29 health.

30 “Environmental sustainability” means the ability to maintain an ecological balance in the
31 natural environment and conserve natural resources to support the wellbeing of current
32 and future generations.

33 “Environmental resilience” means the capacity of an ecosystem to respond to a
34 perturbation or disturbance by resisting damage and recovering quickly.

35 “Environmental Justice Neighborhood” means a neighborhood located within a
36 municipality designated as an Environmental Justice Community and which meets one or more
37 of the following criteria: (i) the annual median household income is not more than 65 per cent of
38 the statewide annual median household income; (ii) minority individuals comprise 40 per cent or
39 more of the population; (iii) 25 per cent or more of households lack English language proficiency
40 or (iv) minorities comprise 25 per cent or more of the population and the annual median
41 household income of the municipality in which the neighborhood is located does not exceed 150
42 per cent of the statewide annual median household income.

43 “Green Zone” means an area or areas within a targeted environmental justice
44 neighborhood identified pursuant to an environmental audit in which specific strategies to
45 mitigate, redress and eliminate environmental burdens and the ability to improve and increase
46 environmental sustainability and resilience exists.

47 "Lack English Language Proficiency" refers to households that, according to federal
48 census forms, do not have an adult proficient in English.

49 “Minority” refers to individuals who identify themselves Latino/Hispanic, Black/African
50 American, Asian, Indigenous people, and people who otherwise identify as non-white.

51 “Neighborhood” means a census block group as defined by the U.S. Census Bureau but
52 not including individuals who live in college dormitories or individuals under formally
53 authorized, supervised care or custody, including but not limited to federal prisons, state prisons,
54 or a county house of corrections.

55 "Officer", "officers" and "administrative officers", means, when used without further
56 qualification or description, any person or persons in charge of any department or division of a
57 city.

58 "Secretary" means the secretary of the executive office of energy and environmental
59 affairs.

60 "Targeted Environmental Justice Community" means a municipality designated as an
61 environmental justice community and that meets two or more of the following criteria: (i) the
62 municipality is comprised of 100 or more block groups; (ii) the percentage of block groups
63 defined as environmental justice block groups is not less than 75% of all block groups located
64 within the municipality; or (iii) the population of individuals residing within environmental
65 justice block groups is not less than 100,000

66 "Targeted Environmental Justice Neighborhood" means an environmental justice
67 neighborhood within a Targeted Environmental Justice Community in which areas within the
68 environmental justice neighborhood may be designated or otherwise identified as green zones.

69 SECTION 3. (a) Notwithstanding any general or special law to the contrary, the
70 Secretary of the Executive Office of Environmental Affairs is hereby authorized and directed to
71 conduct an environmental audit of environmental justice neighborhoods located within the
72 Commonwealth.

73 (b) In furtherance of conducting the environmental audit, the secretary is hereby
74 authorized to create an environmental audit working group, consisting of not less than nine
75 persons who live or work in an environmental justice neighborhood, to provide advice to the
76 secretary on the conduct of said environmental audit. Said members of the environmental audit

77 working group shall serve without compensation but may be reimbursed for expenses necessarily
78 incurred in the performance of serving on the working group.

79 (c) The secretary upon completion of an environmental audit shall transmit the findings
80 of said environmental audit, in report format, to the officer of the municipality in which the
81 environmental justice neighborhood is located, pursuant to the environment audit, shall identify
82 and designate within said environmental justice neighborhoods areas to be known as green
83 zones.

84 (d) Pursuant to subsections (a) and (b) of this section, the secretary shall, bi-annually, not
85 later than October 1, shall report to the clerks of the house of representatives and senate, chairs
86 of house and senate committees on ways and means, and the chairs of the joint committee on
87 environment, natural resources and agriculture the findings of said environmental audit and shall
88 cause said environmental audit to be published on the main webpage of the executive office of
89 environmental affairs.

90 (e) In addition to conducting an environmental audit, the secretary shall designate green
91 zones within targeted environmental justice neighborhoods; provided that in addition to the
92 working group created pursuant to subsection (c) of this section, the secretary shall consult and
93 otherwise provide opportunities for input by residents of targeted environmental justice
94 neighborhoods in the process of designating said green zones.

95 (f) Pursuant to this Section, the Secretary is hereby authorized to enter into an intrastate
96 compact with the officer of the environmental justice community for which an environmental
97 audit was conducted. Said intrastate compact shall be designed to establish and define the levels
98 of cooperation that may be developed in an effort to realize the goals and objectives of green

99 zones, so designated, within a targeted environmental justice neighborhood. Said levels of
100 cooperation may include, be limited to, the designation of agency staff, the provision of other
101 technical assistance, the making of planning grants, and such other means that are otherwise
102 authorized by existing state law.

103 SECTION 4. Notwithstanding any general or special law to the contrary, this act shall
104 take effect immediately.