

STATE OF NEW YORK

5759--B

2025-2026 Regular Sessions

IN SENATE

February 28, 2025

Introduced by Sens. HARCKHAM, CLEARE, COMRIE, FAHY, HOYLMAN-SIGAL, JACKSON, KAVANAGH, KRUEGER, MAYER, SERRANO, SKOUFIS -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation -- committee discharged, bill amended, ordered reprinted as amended and recommitted to said committee -- reported favorably from said committee and committed to the Committee on Agriculture -- committee discharged, bill amended, ordered reprinted as amended and recommitted to said committee

AN ACT to amend the environmental conservation law, in relation to the management of PFAS in biosolids and establishing the New York state biosolids task force; to amend the agriculture and markets law and the state finance law, in relation to establishing the PFAS agricultural response program and the agricultural PFAS response fund; and providing for the repeal of certain provisions upon expiration thereof

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. Article 27 of the environmental conservation law is amended
2 by adding a new title 8 to read as follows:

TITLE 8

MANAGEMENT OF PFAS IN BIOSOLIDS

Section 27-0801. Definitions.

27-0803. Moratorium on land application of biosolids.

27-0805. Testing and reporting.

§ 27-0801. Definitions.

As used in this title:

10 1. "Biosolids" means the accumulated semi-solids, solids or liquids
11 resulting from treatment of wastewaters from publicly or privately owned
12 or operated sewage treatment plants.

13 2. "Enterprise budget" means an estimation of the revenue, costs, and
14 profits for a farm.

EXPLANATION--Matter in italics (underscored) is new; matter in brackets
[-] is old law to be omitted.

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1 3. "Monitoring" means sampling of biosolids from wastewater treatment
2 facilities, soil samples and/or water samples from agricultural land to
3 determine the concentration of PFAS present.

4 4. "Perfluoroalkyl and polyfluoroalkyl substances" or "PFAS" means a
5 class of fluorinated organic chemicals containing at least one fully
6 fluorinated carbon atom.

7 5. "Permit holder" means a farmer or other landowner authorized to
8 spread biosolids under a permit granted pursuant to NYCRR 361-2.4.

9 6. "Previous permit holder" means a permit holder who has a permit
10 that has expired within the five years previous to the effective date of
11 this title.

12 7. "Wastewater treatment facility" means any facility that treats
13 wastewater, including but not limited to municipal sewage treatment
14 plants, industrial wastewater treatment plants, and septage treatment
15 facilities.

16 § 27-0803. Moratorium on land application of biosolids.

17 1. For the period commencing on the effective date of this title and
18 ending five years after such date, a moratorium shall be established on
19 the land application of:

20 (a) biosolids generated from a publicly or privately owned or operated
21 wastewater treatment plant;

22 (b) compost material that included in its production biosolids gener-
23 ated from a publicly or privately owned or operated wastewater treatment
24 plant;

25 (c) any other product or material that is intended for use as a ferti-
26 lizer, soil amendment, topsoil replacement or mulch, or for other simi-
27 lar agricultural purposes including parks, golf courses, or other non-
28 crop land applications, that is derived from or contains biosolids
29 generated from a publicly or privately owned or operated wastewater
30 treatment plant.

31 2. The moratorium shall apply to all existing permits, renewals, and
32 new applications.

33 3. The moratorium shall not apply to:

34 (a) the disposal or placement at a solid waste landfill of any of the
35 materials that are prohibited from application, spreading, sale or
36 distribution by this section; or

37 (b) the land application of or the sale or distribution of compost
38 materials or other agricultural products or materials derived from or
39 containing residuals generated as a result of the processing or culti-
40 vation of food, food waste, crops or vegetative material, manure,
41 litter, food processing waste, process wastewater from any animal feed-
42 ing operation, digestate from such materials, or any other product or
43 material that is not derived from or does not contain biosolids.

44 § 27-0805. Testing and reporting.

45 1. The department shall promulgate rules and regulations which add
46 perfluoroalkyl and polyfluoroalkyl substances as a parameter of concern
47 for analysis within NYCRR Part 361.2.4.

48 (a) Within one year of the effective date of this title, the depart-
49 ment shall promulgate regulations establishing a perfluoroalkyl and
50 polyfluoroalkyl substances biosolids testing and reporting program that
51 shall, at a minimum, do the following:

52 (i) establish protocols for soil testing, requiring all permit holders
53 and previous permit holders to test lands where biosolids have been
54 applied at least quarterly for one year;

1 (ii) establish protocols for testing drinking water wells at least
2 quarterly for one year where such wells are within one half mile of
3 lands where biosolids have been applied;

4 (iii) establish protocols for testing surface water at least quarterly
5 for one year where such surface water is within one mile of lands where
6 biosolids have been applied;

7 (b) Regulations promulgated pursuant to this title regarding testing
8 protocols and the timing of sampling for testing of well water and
9 surface water shall take into account the effects of rainfall events
10 and precipitation patterns, as well as weather and temperature changes
11 in determining the timing of sampling.

12 (c) Permit holders shall submit the results of such monitoring to the
13 department quarterly; provided, however, that permit holders shall
14 submit their first monitoring results within six months from the effec-
15 tive date of this title.

16 2. The department shall require all wastewater treatment facilities to
17 test biosolids for PFAS chemicals quarterly for five years and report
18 the results to the department.

19 3. Testing and evaluation of permitted sites shall be conducted using
20 a PFAS testing method or methods authorized by the department. The
21 department shall immediately authorize EPA Method 1633A as an approved
22 testing method. The department shall authorize additional methods that
23 detect more PFAS as such methods become available and shall require that
24 the method that detects the largest number of PFAS (at equal or lower
25 detection limits than EPA Method 1633A) shall be used.

26 4. The department shall establish and maintain a publicly accessible
27 database of disaggregated soil, biosolid (differentiating biosolid data
28 sourced from wastewater treatment facility and from permit holders), and
29 water testing results within six months of the effective date of this
30 title. Such database shall use best practices standards for data
31 collection and dissemination, including standardization and cleaning of
32 data, and shall make such data available to the public in commonly used
33 data formats. Data collected from soil or water samples taken from
34 private lands and wells shall be aggregated by department of environ-
35 mental conservation region, in a form which excludes specific addresses,
36 locations, or other personally identifying information. The database
37 shall also include records for all previously conducted testing of
38 biosolids for PFAS funded with public monies with New York state.

39 § 2. The agriculture and markets law is amended by adding a new arti-
40 cle 11-C to read as follows:

41 ARTICLE 11-C

42 SOIL HEALTH AND PFAS AGRICULTURE RESPONSE PROGRAM

43 § 151-p. PFAS agricultural response program.

44 § 151-p. PFAS agricultural response program. 1. For the purposes of
45 this article:

46 (a) "Biosolids" means the accumulated semi-solids or solids resulting
47 from treatment of wastewaters from publicly or privately owned or oper-
48 ated sewage treatment plants.

49 (b) "Enterprise budget" means an estimation of the revenue, costs and
50 profits for a farm.

51 (c) "Monitoring" means sampling of biosolids from soil samples and/or
52 water samples from agricultural land to determine the concentration of
53 PFAS present.

54 (d) "Perfluoroalkyl and polyfluoroalkyl substances" or "PFAS" means a
55 class of fluorinated organic chemicals containing at least one fully
56 fluorinated carbon atom.

1 2. Within one year of the effective date of this article, the depart-
2 ment, in consultation with the department of environmental conservation,
3 shall establish a PFAS agricultural response program to assist farms
4 found to have levels of PFAS contamination which exceed regulatory stan-
5 dards established pursuant to title eight of article twenty-seven of the
6 environmental conservation law.

7 3. The program shall, at a minimum:

8 (a) pursuant to an appropriation therefor, provide grants to farmers
9 and other landowners with land found to exceed the thresholds for PFAS
10 established pursuant to title eight of article twenty-seven of the envi-
11 ronmental conservation law for the purpose of short-term income supple-
12 mentation or replacement, including but not limited to, reimbursing
13 farmers for the value of crops lost as a result of PFAS contamination;

14 (b) assist farmers and other landowners with planning and the develop-
15 ment of enterprise budgets to address land or water found to be contam-
16 inated by PFAS. Such enterprise budgets may include, but need not be
17 limited to, costs associated with the implementation of:

18 (i) alternative cropping systems;

19 (ii) remediation strategies;

20 (iii) technological adaptations;

21 (iv) transitioning to alternative revenue streams, including but not
22 limited to transitioning to alternative land use systems; and

23 (v) locating alternative viable farmland;

24 (c) pursuant to an appropriation therefor, provide grants for the
25 purchase of transitional equipment and infrastructure for farmers and
26 other landowners to: (i) support a transition to an alternative cropping
27 system; and (ii) implement remediation strategies, technological adapta-
28 tions, or other modifications to the farmer or other landowner's oper-
29 ations in response to PFAS contamination;

30 (d) develop best practices to mitigate further PFAS contamination,
31 including but not limited to, alternative cropping systems; and

32 (e) provide for testing of agricultural products, livestock, soil and
33 water of adjacent properties where it is suspected there may be contam-
34 ination related to the spreading of biosolids, and feedstock produced on
35 lands where biosolids were spread. During the five-year moratorium on
36 land application of biosolids pursuant to section 27-0803 of the envi-
37 ronmental conservation law, the department shall provide notice of such
38 monitoring and testing to the public, including to adjacent impacted
39 communities, through public outreach to community members and by posting
40 information on the department's website.

41 § 3. The state finance law is amended by adding a new section 95-1 to
42 read as follows:

43 § 95-1. Agricultural PFAS response fund. 1. There is hereby estab-
44 lished in the joint custody of the comptroller and the commissioner of
45 taxation and finance a special fund to be known as the "agricultural
46 PFAS response fund".

47 2. Such fund shall consist of monies appropriated, credited, or trans-
48 ferred thereto from any other fund or source pursuant to law.

49 3. All monies deposited in the agricultural PFAS response fund shall
50 be available for the purposes of the PFAS agricultural response program
51 pursuant to article eleven-C of the agriculture and markets law.

52 4. Monies shall be payable from the fund on the audit and warrant of
53 the comptroller on vouchers approved and certified by the commissioner
54 of the department of agriculture and markets.

55 § 4. Article 27 of the environmental conservation law is amended by
56 adding a new title 6 to read as follows:

TITLE 6NEW YORK STATE BIOSOLIDS TASK FORCE

Section 27-0601. New York State biosolids task force.

27-0603. Definitions.

27-0605. Task force composition.

27-0607. Powers and duties.

§ 27-0601. New York State biosolids task force.

There is hereby established within the department the New York state biosolids task force to evaluate the risks and benefits of various methods of biosolids disposal within the state with respect to the risks posed by PFAS chemicals and to investigate a path forward for New York state biosolid disposal that is maximally protective of human and ecosystem health.

§ 27-0603. Definitions.

As used in this title:

1. "Biosolids" means the accumulated semi-solids or solids resulting from treatment of wastewaters from publicly or privately owned or operated sewage treatment plants.

2. "Enterprise budget" means an estimation of the planning and estimation of revenue, costs, and profits for a farm.

3. "Monitoring" means sampling of biosolids from wastewater treatment facilities, soil samples and/or groundwater samples from agricultural land to determine the concentration of PFAS present.

4. "Perfluoroalkyl and polyfluoroalkyl substances" or "PFAS" means a class of fluorinated organic chemicals containing at least one fully fluorinated carbon atom.

5. "Previous permit holder" means a permit holder who has a permit that has expired within the five years previous to the effective date of this article.

6. "Wastewater treatment facility" means any facility that treats wastewater, including but not limited to municipal sewage treatment plants, industrial wastewater treatment plants, and septage treatment facilities.

§ 27-0605. Task force composition.

1. The task force shall be composed of thirteen members as follows:

(a) the commissioner, or the commissioner's designee, who shall be the chair of the task force;

(b) one member from the department;

(c) one member from the department of health;

(d) one member from the department of agriculture and markets;

(e) three members appointed by the governor as follows:

(i) one of whom shall represent wastewater treatment utilities;

(ii) one of whom shall have a background or expertise in solid waste and organics recycling; and

(iii) one of whom shall have a background or expertise in soil and crop health and toxic contamination;

(f) two members appointed by the temporary president of the senate, one of whom shall represent the public and shall have a background or expertise in PFAS contamination and/or toxicology and health risk assessment;

(g) two members appointed by the speaker of the assembly, one of whom shall represent the public and shall have a background or expertise in PFAS contamination and/or toxicology and health risk assessment;

(h) one member appointed by the minority leader of the senate; and

(i) one member appointed by the minority leader of the assembly.

1 2. The members of the task force shall receive no compensation for
2 their services but shall be allowed their actual and necessary expenses
3 incurred in the performance of their duties pursuant to this title.

4 3. The task force shall meet at such times and places as may be deter-
5 mined by its chair; provided, however, that the task force shall meet at
6 a minimum of six times per year.

7 4. A majority of the members of the task force shall constitute a
8 quorum for the transaction of business. Action may be taken, and motions
9 and resolutions adopted, at any meeting by the affirmative vote of a
10 majority of the full membership of the task force.

11 § 27-0607. Powers and duties.

12 1. The task force shall:

13 (a) Review the draft "Sewage Sludge Risk Assessment for Perfluoroocta-
14 noic Acid (PFOA) CASRN 335-67-1 and Perfluorooctane Sulfonic Acid (PFOS)
15 CASRN 1763-23-1", dated January two thousand twenty-five, and monitor
16 comments provided to the United States environmental protection agency
17 and any revisions to the risk analysis;

18 (b) Analyze the pathways of human exposure to PFAS and how biosolids
19 applied to land contribute to such exposure;

20 (c) Support the department in any regulatory processes related to PFAS
21 in biosolids, prioritizing efficient processes and applying the best
22 available science;

23 (d) Evaluate mitigation strategies to reduce the risk of human,
24 ecosystem, and wildlife exposure from land application of biosolids;

25 (e) Review and summarize, including but not limited to the actions of
26 other states and regional and federal agencies to understand the risks
27 and consequences of such actions, the use and effects of PFAS and bioso-
28 lids, including, but not limited to:

29 (i) Continued land application;

30 (ii) Allowances for and use of biosolid derived fertilizer products;

31 (iii) Land application bans;

32 (iv) Landfilling;

33 (v) Incineration; and

34 (vi) Mitigation of PFAS through industrial pretreatment programs and
35 source identification;

36 (f) Work with the department to summarize current data and provide
37 recommendations, including recommendations for where more data may be
38 required;

39 (g) Review existing standards for PFAS contamination within soil,
40 water, air, and biosolids, both in New York and at the federal level;

41 (h) Review possible PFAS remediation strategies for PFAS contamination
42 within soil, water, air, and biosolids;

43 (i) Review and summarize the remaining capacity of landfills and
44 incineration facilities to accept biosolids. Such review shall consider
45 the impact across the different regions within the state and environ-
46 mental justice areas, including the impact of PFAS-rich landfill leac-
47 hate disposal via wastewater treatment plants;

48 (j) Review and evaluate alternative methods of and emergent technolo-
49 gies for managing contaminated biosolids;

50 (k) Review and evaluate PFAS destroying technologies, including the
51 risks to human and environmental health, and the current state of
52 deployment and barriers to the deployment of such technologies;

53 (l) Determine financial, environmental, and health impacts of differ-
54 ent pathways for managing biosolids;

1 (m) Evaluate the risks, implications, and levels of PFAS in food
2 products grown on land where biosolids have been applied or livestock
3 fed crops grown on land where biosolids have been applied;

4 (n) Where possible, work with other regional authorities to understand
5 their intent of biosolids management in their jurisdictions to determine
6 impacts of the limitations of biosolids disposal and end uses;

7 (o) Conduct a minimum of two public hearings for input annually;

8 (p) Issue an interim progress report at the end of the first year. The
9 interim report shall be delivered to the department and the legislature
10 and be posted publicly on the department's website; and

11 (q) Issue a final report at the end of the second year. The final
12 report shall be delivered to the department and the legislature and be
13 posted publicly on the department's website.

14 2. The task force shall have the power to:

15 (a) contract for professional and technical assistance and advice;

16 (b) conduct scientific and environmental studies.

17 3. The department, the department of agriculture and markets, and the
18 department of health shall provide the task force with such facilities,
19 assistance and data as will enable the task force to carry out its
20 powers and duties. Additionally, all other agencies of the state or
21 subdivisions thereof shall, at the request of the chair, provide the
22 task force with such facilities, assistance, and data as will enable the
23 task force to carry out its powers and duties.

24 § 5. This act shall take effect immediately; provided, however, that
25 sections 27-0801 and 27-0805 of the environmental conservation law as
26 added by section one of this act and sections two, three, and four of
27 this act shall take effect on the one hundred eightieth day after it
28 shall have become a law; provided further, however, that section 27-0803
29 of the environmental conservation law as added by section one of this
30 act shall expire five years after such effective date when upon such
31 date the provisions of such section shall be deemed repealed; provided
32 further, however, that section four of this act shall expire and be
33 deemed repealed one hundred twenty days after the New York State bioso-
34 lids task force has submitted its final report pursuant to section
35 27-0607 of the environmental conservation law as added by section four
36 of this act; provided further, however, that the commissioner of envi-
37 ronmental conservation shall notify the legislative bill drafting
38 commission upon the submission of the final report pursuant to section
39 27-0607 of the environmental conservation law as added by section four
40 of this act in order that the commission may maintain an accurate and
41 timely effective data base of the official text of the laws of the state
42 of New York in furtherance of effectuating the provisions of section 44
43 of the legislative law and section 70-b of the public officers law.