

**(2) Requirements****(A) Competitive, merit-reviewed process**

The Centers shall be established through a competitive, merit-reviewed process.

**(B) Applications**

An eligible applicant under this subsection shall submit to the Director an application at such time, in such manner, and containing such information as the Director determines to be appropriate.

**(C) Eligible applicants**

The Director shall consider applications from National Laboratories, institutions of higher education, research centers, multi-institutional collaborations, and any other entity that the Secretary of Energy determines to be appropriate.

**(b) Collaborations**

A collaboration that receives an award under this section may include multiple types of research institutions and private sector entities.

**(c) Requirements**

To the maximum extent practicable, the Centers developed, constructed, operated, or maintained under this section shall serve the needs of the Department of Energy, industry, the academic community, and other relevant entities to create and develop processes for the purpose of advancing basic research in quantum information science and improving the competitiveness of the United States.

**(d) Coordination**

The Secretary of Energy shall ensure the coordination, and avoid unnecessary duplication, of the activities of each Center with the activities of—

(1) other research entities of the Department of Energy, including—

(A) the Nanoscale Science Research Centers;

(B) the Energy Frontier Research Centers;

(C) the Energy Innovation Hubs; and

(D) the National Laboratories;

(2) institutions of higher education; and

(3) industry.

**(e) Duration****(1) In general**

Each Center established under this section is authorized to carry out activities for a period of 5 years.

**(2) Reapplication**

An awardee may reapply for additional, subsequent periods of 5 years. The Director shall approve or disapprove of each reapplication on a competitive, merit-reviewed basis.

**(3) Termination**

Consistent with the authorities of the Department of Energy, the Secretary of Energy may terminate an underperforming Center for cause during the performance period.

**(f) Funding**

The Secretary of Energy shall allocate up to \$25,000,000 for each Center established under this section for each of fiscal years 2019 through 2023,

subject to the availability of appropriations. Amounts made available to carry out this section shall be derived from amounts appropriated or otherwise made available to the Department of Energy.

(Pub. L. 115–368, title IV, § 402, Dec. 21, 2018, 132 Stat. 5101.)

## CHAPTER 115—PERFLUOROALKYL AND POLYFLUOROALKYL SUBSTANCES AND EMERGING CONTAMINANTS

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**§ 8901. Definition of Administrator**

In this chapter, the term “Administrator” means the Administrator of the Environmental Protection Agency.

(Pub. L. 116–92, div. F, title LXXIII, § 7302, Dec. 20, 2019, 133 Stat. 2275.)

#### REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this title”, meaning title LXXIII of Pub. L. 116–92, div. F, Dec. 20, 2019, 133 Stat. 2275, known as the PFAS Act of 2019, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out below and Tables.

#### SHORT TITLE

Pub. L. 116–92, div. F, title LXXIII, § 7301, Dec. 20, 2019, 133 Stat. 2275, provided that: “This title [enacting this chapter and amending section 2607 of this title and sections 300j–12 and 11023 of Title 42, The Public Health and Welfare] may be cited as the ‘PFAS Act of 2019’.”

### SUBCHAPTER I—DRINKING WATER

**§ 8911. Monitoring and detection****(a) Monitoring program for unregulated contaminants****(1) In general**

The Administrator shall include each substance described in paragraph (2) in the fifth publication of the list of unregulated contaminants to be monitored under section 300j–4(a)(2)(B)(i) of title 42.

**(2) Substances described**

The substances referred to in paragraph (1) are perfluoroalkyl and polyfluoroalkyl sub-

stances and classes of perfluoroalkyl and polyfluoroalkyl substances—

(A) for which a method to measure the level in drinking water has been validated by the Administrator; and

(B) that are not subject to a national primary drinking water regulation.

**(3) Exception**

The perfluoroalkyl and polyfluoroalkyl substances and classes of perfluoroalkyl and polyfluoroalkyl substances included in the list of unregulated contaminants to be monitored under section 300j-4(a)(2)(B)(i) of title 42 under paragraph (1) shall not count towards the limit of 30 unregulated contaminants to be monitored by public water systems under that section.

**(b) Applicability**

**(1) In general**

The Administrator shall—

(A) require public water systems serving more than 10,000 persons to monitor for the substances described in subsection (a)(2);

(B) subject to paragraph (2) and the availability of appropriations, require public water systems serving not fewer than 3,300 and not more than 10,000 persons to monitor for the substances described in subsection (a)(2); and

(C) subject to paragraph (2) and the availability of appropriations, ensure that only a representative sample of public water systems serving fewer than 3,300 persons are required to monitor for the substances described in subsection (a)(2).

**(2) Requirement**

If the Administrator determines that there is not sufficient laboratory capacity to carry out the monitoring required under subparagraphs (B) and (C) of paragraph (1), the Administrator may waive the monitoring requirements in those subparagraphs.

**(3) Funds**

The Administrator shall pay the reasonable cost of such testing and laboratory analysis as is necessary to carry out the monitoring required under subparagraphs (B) and (C) of paragraph (1) using—

(A) funds made available pursuant to subsection (a)(2)(H) or subsection (j)(5) of section 300j-4 of title 42; or

(B) any other funds made available for that purpose.

(Pub. L. 116-92, div. F, title LXXIII, § 7311, Dec. 20, 2019, 133 Stat. 2276.)

SUBCHAPTER II—PFAS RELEASE  
DISCLOSURE

**§ 8921. Additions to toxics release inventory**

**(a) Definition of toxics release inventory**

In this section, the term “toxics release inventory” means the list of toxic chemicals subject to the requirements of section 11023(c) of title 42.

**(b) Immediate inclusion**

**(1) In general**

Subject to subsection (e), beginning January 1 of the calendar year following December 20,

2019, the following chemicals shall be deemed to be included in the toxics release inventory:

(A) Perfluorooctanoic acid (commonly referred to as “PFOA”) (Chemical Abstracts Service No. 335-67-1).

(B) The salts associated with the chemical described in subparagraph (A) (Chemical Abstracts Service Nos. 3825-26-1, 335-95-5, and 68141-02-6).

(C) Perfluorooctane sulfonic acid (commonly referred to as “PFOS”) (Chemical Abstracts Service No. 1763-23-1).

(D) The salts associated with the chemical described in subparagraph (C) (Chemical Abstracts Service Nos. 2795-39-3, 29457-72-5, 56773-42-3, 29081-56-9, and 70225-14-8).

(E) A perfluoroalkyl or polyfluoroalkyl substance or class of perfluoroalkyl or polyfluoroalkyl substances that is—

(i) listed as an active chemical substance in the February 2019 update to the inventory under section 2607(b)(1) of this title; and

(ii) on December 20, 2019, subject to the provisions of—

(I) section 721.9582 of title 40, Code of Federal Regulations; or

(II) section 721.10536 of title 40, Code of Federal Regulations.

(F) Hexafluoropropylene oxide dimer acid (commonly referred to as “GenX”) (Chemical Abstracts Service No. 13252-13-6).

(G) The compound associated with the chemical described in subparagraph (F) identified by Chemical Abstracts Service No. 62037-80-3.

(H) Perfluorononanoic acid (commonly referred to as “PFNA”) (Chemical Abstracts Service No. 375-95-1).

(I) Perfluorohexanesulfonic acid (commonly referred to as “PFHxS”) (Chemical Abstracts Service No. 355-46-4).

**(2) Threshold for reporting**

**(A) In general**

Subject to subparagraph (B), the threshold for reporting the chemicals described in paragraph (1) under section 11023 of title 42 is 100 pounds.

**(B) Revisions**

Not later than 5 years after December 20, 2019, the Administrator shall—

(i) determine whether revision of the threshold under subparagraph (A) is warranted for any chemical described in paragraph (1); and

(ii) if the Administrator determines a revision to be warranted under clause (i), initiate a revision under section 11023(f)(2) of title 42.

**(c) Inclusion following assessment**

**(1) In general**

**(A) Date of inclusion**

Subject to subsection (e), notwithstanding section 11023 of title 42, a perfluoroalkyl or polyfluoroalkyl substance or class of perfluoroalkyl or polyfluoroalkyl substances not described in subsection (b)(1) shall be deemed to be included in the toxics release