

### 116TH CONGRESS 1ST SESSION

# H. R. 1976

To require the Director of the United States Geological Survey to perform a nationwide survey of perfluorinated compounds, and for other purposes.

### IN THE HOUSE OF REPRESENTATIVES

March 28, 2019

Mr. Kildee (for himself, Mr. Bergman, Mr. Brendan F. Boyle of Pennsylvania, Mr. Fitzpatrick, Ms. Dean, Mrs. Dingell, Mr. Huffman, Mr. Pappas, Ms. Stevens, Mr. Welch, Ms. Slotkin, Mrs. Lawrence, Mr. Sean Patrick Maloney of New York, Mr. Luján, Mr. Delgado, Mr. Khanna, Mr. Levin of Michigan, and Ms. Tlaib) introduced the following bill; which was referred to the Committee on Natural Resources

## A BILL

To require the Director of the United States Geological Survey to perform a nationwide survey of perfluorinated compounds, and for other purposes.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,
- 3 SECTION 1. SHORT TITLE.
- 4 This Act may be cited as the "PFAS Detection Act
- 5 of 2019".
- 6 SEC. 2. DEFINITIONS.
- 7 In this Act:

1	(1) Administrator.—The term "Adminis-
2	trator" means the Administrator of the Environ-
3	mental Protection Agency.
4	(2) Director.—The term "Director" means
5	the Director of the United States Geological Survey.
6	(3) Perfluorinated compound.—
7	(A) IN GENERAL.—The term
8	"perfluorinated compound" means a
9	perfluoroalkyl substance or a polyfluoroalkyl
10	substance that is manmade with at least 1 fully
11	fluorinated carbon atom.
12	(B) Definitions.—In this definition:
13	(i) Fully fluorinated carbon
14	ATOM.—The term "fully fluorinated carbon
15	atom" means a carbon atom on which all
16	the hydrogen substituents have been re-
17	placed by fluorine.
18	(ii) Non-fluorinated carbon
19	ATOM.—The term "nonfluorinated carbon
20	atom" means a carbon atom on which no
21	hydrogen substituents have been replaced
22	by fluorine.
23	(iii) Partially fluorinated car-
24	BON ATOM.—The term "partially
25	fluorinated carbon atom" means a carbon

1	atom on which some, but not all, of the hy-
2	drogen substituents have been replaced by
3	fluorine.
4	(iv) Perfluoroalkyl substance.—
5	The term "perfluoroalkyl substance"
6	means a manmade chemical of which all of
7	the carbon atoms are fully fluorinated car-
8	bon atoms.
9	(v) Polyfluoroalkyl sub-
10	STANCE.—The term "polyfluoroalkyl sub-
11	stance" means a manmade chemical con-
12	taining a mix of fully fluorinated carbon
13	atoms, partially fluorinated carbon atoms,
14	and nonfluorinated carbon atoms.
15	SEC. 3. PERFORMANCE STANDARD FOR THE DETECTION
16	OF PERFLUORINATED COMPOUNDS.
17	(a) In General.—The Director shall establish a per-
18	formance standard for the detection of perfluorinated
19	compounds.
20	(b) Emphasis.—
21	(1) In general.—In developing the perform-
22	ance standard under subsection (a), the Director
23	shall emphasize the ability to detect as many
24	perfluorinated compounds present in the environ-

- ment as possible using analytical methods that are
  as sensitive as is feasible and practicable.
  (2) REQUIREMENT.—In developing the per-
  - (2) REQUIREMENT.—In developing the performance standard under subsection (a), the Director may—
  - (A) develop quality assurance and quality control measures to ensure accurate sampling and testing;
    - (B) develop a training program with respect to the appropriate method of sample collection and analysis of perfluorinated compounds; and
- 13 (C) coordinate as necessary with the Ad14 ministrator to develop methods to detect indi15 vidual and different perfluorinated compounds
  16 simultaneously.

#### 17 SEC. 4. NATIONWIDE SAMPLING.

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- 18 (a) In General.—The Director shall carry out a na-
- 19 tionwide sampling to determine the concentration of
- 20 perfluorinated compounds in estuaries, lakes, streams,
- 21 springs, wells, wetlands, rivers, aquifers, and soil using the
- 22 performance standard developed under section 3(a).
- 23 (b) Requirements.—In carrying out the sampling
- 24 under subsection (a), the Director shall—

1	(1) first carry out the sampling at sources of
2	drinking water near locations with known or sus-
3	pected releases of perfluorinated compounds;
4	(2) when carrying out sampling of sources of
5	drinking water under paragraph (1), carry out the
6	sampling prior to any treatment of the water;
7	(3) survey for ecological exposure to
8	perfluorinated compounds, with a priority in deter-
9	mining direct human exposure through drinking
10	water; and
11	(4) consult with—
12	(A) States to determine areas that are a
13	priority for sampling; and
14	(B) the Administrator—
15	(i) to enhance coverage of the sam-
16	pling; and
17	(ii) to avoid unnecessary duplication.
18	(c) Report.—Not later than 90 days after the com-
19	pletion of the sampling under subsection (a), the Director
20	shall prepare a report describing the results of the sam-
21	pling and submit the report to—
22	(1) the Committee on Environment and Public
23	Works and the Committee on Energy and Natural
24	Resources of the Senate;

1	(2) the Committee on Energy and Commerce of
2	the House of Representatives;
3	(3) the Senators of each State in which the Di-
4	rector carried out the sampling; and
5	(4) each Member of the House of Representa-
6	tives that represents a district in which the Director
7	carried out the sampling.
8	SEC. 5. DATA USAGE.
9	(a) In General.—The Director shall provide the
10	sampling data collected under section 4 to—
11	(1) the Administrator of the Environmental
12	Protection Agency; and
13	(2) other Federal and State regulatory agencies
14	on request.
15	(b) Usage.—The sampling data provided under sub-
16	section (a) shall be used to inform and enhance assess-
17	ments of exposure, likely health and environmental im-
18	pacts, and remediation priorities.
19	SEC. 6. COLLABORATION.
20	In carrying out this Act, the Director shall collabo-
21	rate with—
22	(1) appropriate Federal and State regulators;
23	(2) institutions of higher education;
24	(3) research institutions; and
25	(4) other expert stakeholders.

### 1 SEC. 7. AUTHORIZATION OF APPROPRIATIONS.

- 2 There are authorized to be appropriated to the Direc-
- 3 tor to carry out this Act—
- 4 (1) \$5,000,000 for fiscal year 2020; and
- 5 (2) \$10,000,000 for each of fiscal years 2021
- 6 through 2024.

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