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(Original Signature of Member)

118TH CONGRESS
1ST SESSION

H. R. _____

To direct the Administrator of the Environmental Protection Agency to implement the recommendations described in a GAO report relating to replacing legacy air quality data systems, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. CONNOLLY introduced the following bill; which was referred to the
Committee on _____

A BILL

To direct the Administrator of the Environmental Protection Agency to implement the recommendations described in a GAO report relating to replacing legacy air quality data systems, 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 “Clean Air in the Cloud
5 Act”.

1 **SEC. 2. FACTORS, OPERATIONAL ANALYSIS, AND BUSINESS**

2 **CASE.**

3 (a) IN GENERAL.—Not later than 90 days after the
4 date of enactment of this Act, the Administrator of the
5 Environmental Protection Agency shall, as described in
6 the GAO report—

7 (1) identify factors for evaluating whether the
8 information technology systems of the Environ-
9 mental Protection Agency may be ready for replace-
10 ment or retirement;

11 (2) document an operational analysis for the
12 AQS and AirNow; and

13 (3) develop and document a business case, in
14 accordance with the System Life Cycle Management
15 process of the Agency—

16 (A) for a new information technology sys-
17 tem that manages and reports air quality data
18 collected through the national ambient air qual-
19 ity monitoring system to replace the AQS and
20 AirNow;

21 (B) that addresses issues with the AQS
22 and AirNow; and

23 (C) that details considerations of alter-
24 natives, if appropriate.

25 (b) REPORT.—Not later than 120 days after the date
26 of enactment of this Act, the Administrator of the Envi-

1 Environmental Protection Agency shall submit to Congress a
2 report describing the factors identified, the operational
3 analysis documented, and the business case developed and
4 documented, under subsection (a).

5 (c) DEFINITIONS.—In this Act:

6 (1) AIRNOW.—The term “AirNow” means the
7 information technology system of the Environmental
8 Protection Agency that receives near real-time air
9 quality data, primarily on ozone and particulate
10 matter, that the Environmental Protection Agency
11 reports to the public through a website and the
12 AirNow app.

13 (2) AIR QUALITY SYSTEM.—The term “Air
14 Quality System” means the repository of the Envi-
15 ronmental Protection Agency for ambient air quality
16 data that the Environmental Protection Agency uses
17 for regulatory purposes.

18 (3) AQS.—The term “AQS” means the Air
19 Quality System.

20 (4) GAO REPORT.—The term “GAO report”
21 means the report of the Government Accountability
22 Office to the Ranking Member, Subcommittee on
23 Cybersecurity, Information Technology, and Govern-
24 ment Innovation, Committee on Oversight and Ac-
25 countability, House of Representatives, titled “AIR

1 POLLUTION: EPA Needs to Develop a Business
2 Case for Replacing Legacy Air Quality Data Sys-
3 tems” and dated September 2023 (GAO-23-
4 105618).