

110TH CONGRESS
2D SESSION

S. 3489

To require the Administrator of the Environmental Protection Agency to conduct a study on black carbon emissions.

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 15, 2008

Mrs. CLINTON (for herself, Mr. CARPER, and Mr. KERRY) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

A BILL

To require the Administrator of the Environmental Protection Agency to conduct a study on black carbon emissions.

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. STUDY BY ADMINISTRATOR OF BLACK CARBON**
4 **EMISSIONS.**

5 (a) STUDY.—The Administrator of the Environ-
6 mental Protection Agency (referred to in this section as
7 the “Administrator”) shall work with representatives of
8 industry and environmental groups as appropriate to con-
9 duct a study of black carbon emissions, including—

1 (1) an identification of—

2 (A) the major sources of black carbon
3 emissions in the United States and throughout
4 the world, an estimate of the quantity of cur-
5 rent and projected future emissions, and the
6 net climate effects of the emissions from those
7 sources;

8 (B) the most recent scientific information
9 and data relevant to the climate-related impacts
10 of black carbon emissions from the sources de-
11 scribed in subparagraph (A);

12 (C) the most effective and cost-effective
13 control technologies, operations, or strategies
14 for additional domestic and international reduc-
15 tions in black carbon reductions, including a
16 lifecycle, cost-effectiveness, and net climate im-
17 pact analysis of control technologies, operations,
18 or strategies that remove or reduce black car-
19 bon, such as installation of diesel particulate fil-
20 ters on existing diesel on- and off-road engines;

21 (D) carbon dioxide equivalency factors or
22 other metrics that compare the warming or
23 other climate effects of black carbon with car-
24 bon dioxide and other greenhouse gases; and

1 (E) the health benefits associated with ad-
2 ditional black carbon reductions; and

3 (2) recommendations of the Administrator re-
4 garding—

5 (A) areas of focus for additional research
6 for technologies, operations, and strategies with
7 the highest potential to reduce black carbon
8 emissions;

9 (B) actions that the Federal Government
10 could take to encourage or require additional
11 black carbon emission reductions; and

12 (C) the development of a climate-beneficial
13 tropospheric ozone reduction strategy, and a de-
14 scription of the relationship of that strategy to
15 the ozone reduction strategy in effect as of the
16 date of enactment of this Act.

17 (b) REPORT.—Not later than 180 days after the date
18 of enactment of this Act, the Administrator shall submit
19 to Congress a report describing the results of the study.

20 (c) AUTHORIZATION OF APPROPRIATIONS.—There
21 are authorized to be appropriated such sums as are nec-
22 essary to carry out this section.

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