

115TH CONGRESS  
1ST SESSION

# H. R. 301

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JANUARY 5, 2017

Mr. CARTWRIGHT (for himself, Mr. TONKO, Ms. SLAUGHTER, Mr. SERRANO, Ms. NORTON, Mr. QUIGLEY, and Mr. CÁRDENAS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

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## A BILL

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, 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 “NIST Plumbing Re-  
5 search Act of 2017”.

6 **SEC. 2. PREMISE PLUMBING RESEARCH.**

7 Not later than one year after the date of the enact-  
8 ment of this Act, the Director of the National Institute

1 of Standards and Technology (in this Act, referred to as  
2 “NIST”) shall—

3 (1) establish or designate a laboratory to con-  
4 duct research on premise plumbing in relation to  
5 water safety, security, efficiency, sustainability, and  
6 resilience;

7 (2) conduct an organizational review of all re-  
8 search and other activities related to premise plumb-  
9 ing conducted by Federal entities; and

10 (3) appoint one or more officers or employees of  
11 the National Institute of Standards and Technology  
12 to liaise with non-Federal entities conducting re-  
13 search or other activities related to premise plumb-  
14 ing.

15 **SEC. 3. REPORT.**

16 Not later than 4 years after the date of the enact-  
17 ment of this Act, and every 4 years thereafter, the Direc-  
18 tor of NIST shall submit to Congress a report on the  
19 progress made by NIST regarding—

20 (1) the status of the laboratory described in  
21 paragraph (1) of section 2, including any staff des-  
22 ignated to work in such laboratory;

23 (2) all projects of NIST related to premise  
24 plumbing, including completed projects, projects in  
25 progress, and projects planned for the future;

1           (3) updates to data relevant to premise plumb-  
2           ing system structure, design, and construction; and

3           (4) any progress of private organizations in up-  
4           dating premise plumbing standards.

5 **SEC. 4. DEFINITION.**

6           In this Act, the term “premise plumbing” means the  
7 water distribution system located within the property lines  
8 of a property, including all buildings and permanent struc-  
9 tures on such property. Such term includes building sup-  
10 ply and distribution pipes, fixtures, fittings, water heaters,  
11 water-treating and water-using equipment, and all respec-  
12 tive joints, connections, devices, and appurtenances.

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