

Calendar No. 614

111TH CONGRESS  
2D SESSION**H. R. 4252****[Report No. 111–328]**

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IN THE SENATE OF THE UNITED STATES

MARCH 19, 2010

Received; read twice and referred to the Committee on Energy and Natural  
Resources

SEPTEMBER 27, 2010

Reported by Mr. BINGAMAN, without amendment

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**AN ACT**

To direct the Secretary of the Interior to conduct a study  
of water resources in the Rialto-Colton Basin in the  
State of California, 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 “Inland Empire Per-  
5       chlorate Ground Water Plume Assessment Act of 2010”.

1 **SEC. 2. RIALTO-COLTON BASIN, CALIFORNIA, WATER RE-**  
2 **SOURCES STUDY.**

3 (a) IN GENERAL.—Not later than 2 years after funds  
4 are made available to carry out this Act, the Secretary  
5 of the Interior, acting through the Director of the United  
6 States Geological Survey, shall complete a study of water  
7 resources in the Rialto-Colton Basin in the State of Cali-  
8 fornia (in this section referred to as the “Basin”), includ-  
9 ing—

10 (1) a survey of ground water resources in the  
11 Basin, including an analysis of—

12 (A) the delineation, either horizontally or  
13 vertically, of the aquifers in the Basin, includ-  
14 ing the quantity of water in the aquifers;

15 (B) the availability of ground water re-  
16 sources for human use;

17 (C) the salinity of ground water resources;

18 (D) the identification of a recent surge in  
19 perchlorate concentrations in ground water,  
20 whether significant sources are being flushed  
21 through the vadose zone, or if perchlorate is  
22 being remobilized;

23 (E) the identification of impacts and  
24 extents of all source areas that contribute to  
25 the regional plume to be fully characterized;

1 (F) the potential of the ground water re-  
2 sources to recharge;

3 (G) the interaction between ground water  
4 and surface water;

5 (H) the susceptibility of the aquifers to  
6 contamination, including identifying the extent  
7 of commingling of plume emanating within sur-  
8 rounding areas in San Bernardino County,  
9 California; and

10 (I) any other relevant criteria; and

11 (2) a characterization of surface and bedrock  
12 geology of the Basin, including the effect of the geol-  
13 ogy on ground water yield and quality.

14 (b) COORDINATION.—The Secretary shall carry out  
15 the study in coordination with the State of California and  
16 any other entities that the Secretary determines to be ap-  
17 propriate, including other Federal agencies and institu-  
18 tions of higher education.

19 (c) REPORT.—Upon completion of the study, the Sec-  
20 retary shall submit to the Committee on Energy and Nat-  
21 ural Resources of the Senate and the Committee on Nat-  
22 ural Resources of the House of Representatives a report  
23 that describes the results of the study.

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11<sup>TH</sup> CONGRESS  
2<sup>D</sup> Session

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