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**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE
OFFERED BY MRS. CAPPS OF CALIFORNIA**

At the end of title IV, add the following:

1 **Subtitle F—Water System**
2 **Adaptation Partnerships**

3 **SEC. 501. WATER SYSTEM ADAPTATION PARTNERSHIPS.**

4 (a) GRANTS.—Beginning in fiscal year 2010, the Ad-
5 ministrator of the Environmental Protection Agency shall
6 make grants to water systems to assist in planning, de-
7 signing, constructing, implementing, or maintaining any
8 program, strategy, or infrastructure improvement—

9 (1) to conserve water or increase water use effi-
10 ciency;

11 (2) to preserve or improve water quality;

12 (3) to enhance water management by increasing
13 energy efficiency, the use of renewable energy,
14 source water protection, or natural or engineered
15 green infrastructure in the management, delivery, or
16 treatment of water;

17 (4) to support the adoption and use of ad-
18 vanced water treatment technologies that maintain
19 or increase water supply or improve water quality;

1 (5) to complete studies or assessments to
2 project how climate change may impact the future
3 operations and sustainability of the water system; or

4 (6) to carry out any other activity or project to
5 address any ongoing or forecasted, based on the best
6 available research and data, climate-related impact
7 on the water quality or quantity of a region of the
8 United States that increases the resiliency of a
9 water system to the impacts of climate change, in-
10 cluding activities and projects informed by services
11 and programs established under this Act.

12 (b) APPLICATION.—To be eligible to receive a grant
13 from the Administrator under subsection (a), the owner
14 or operator of a water system shall—

15 (1) submit to the Administrator an application
16 that includes a proposal of the program, strategy, or
17 infrastructure improvement to be planned, designed,
18 constructed, implemented, or maintained by the
19 water system;

20 (2) cite the best available research or data that
21 describes the risk to the system's water resources or
22 infrastructure as a result of ongoing or forecasted
23 changes to the hydrological system brought about by
24 factors arising from global climate change;

1 (3) explain how the proposed program, strategy,
2 or infrastructure improvement is expected to in-
3 crease the water system's resiliency to these risks
4 and how it would perform in different climatic condi-
5 tions; and

6 (4) demonstrate the consistency of the program,
7 strategy, or infrastructure improvement with the ap-
8 plicable State climate adaptation plan under section
9 453(d).

10 (c) COMPETITIVE PROCESS.—Each calendar year,
11 the Administrator shall conduct a competitive process to
12 select applications for funding under this section. In car-
13 rying out the process, the Administrator shall—

14 (1) give priority to applications submitted by
15 water systems that are, based on the best available
16 research and data, at the greatest and most imme-
17 diate risk of facing significant climate-related nega-
18 tive impacts on water quality or quantity that will
19 impact the largest numbers of water users and those
20 that will provide the greatest benefit per dollar ex-
21 pended;

22 (2) solicit applications from water systems in all
23 regions of the United States, and that face varying
24 risks as a result of climate change; and

1 (3) make public the criteria used in evaluating
2 applications.

3 (d) COST SHARING.—

4 (1) FEDERAL SHARE.—The Federal share of
5 the cost of any program, strategy, or infrastructure
6 improvement that is the subject of a grant awarded
7 by the Administrator to a water system under para-
8 graph (3) shall not exceed, in a single calendar year,
9 50 percent of the cost of the program, strategy, or
10 infrastructure improvement.

11 (2) CALCULATION OF NON-FEDERAL SHARE.—
12 In calculating the non-Federal share of the cost of
13 a program, strategy, or infrastructure improvement
14 proposed by a water system through an application
15 submitted by the water system under subsection (b),
16 the Administrator shall—

17 (A) include the value of any in-kind serv-
18 ices that substantially contributes toward the
19 completion of the program, strategy, or infra-
20 structure improvement, as determined by the
21 Administrator; and

22 (B) not include any other amount that the
23 water system receives from a Federal agency.

24 (e) DEFINITION OF WATER SYSTEM.—In this sec-
25 tion, the term “water system” means a community water

1 system as defined in section 1401 of the Safe Drinking
2 Water Act (42 U.S.C. 300f).

3 (f) AUTHORIZATION OF APPROPRIATIONS.—To carry
4 out this section, there are authorized to be appropriated
5 such sums as may be necessary.



