

AMENDMENT TO H.R. 3957

OFFERED BY MR. MATHESON OF UTAH

Page 4, line 20, strike “increase water use, water efficiency,” and insert “promote water use efficiency”.

Page 5, lines 7 and 17, redesignate sections 5 and 6 as sections 6 and 7, respectively.

Page 5, after line 6, insert the following new section:

1 **SEC. 5. ADVANCED WATER EFFICIENCY DEVELOPMENT**

2 **PROJECTS.**

3 (a) **IN GENERAL.**—As part of the program under sec-
4 tion 3, the Assistant Administrator shall carry out at least
5 4 projects under which the funding is provided for the in-
6 corporation into a building of the latest water use effi-
7 ciency and conservation technologies and designs. Funding
8 for each project shall be provided only to cover incremental
9 costs of water-use efficiency and conservation technologies.

10 (b) **CRITERIA.**—Of the 4 projects described in sub-
11 section (a), at least 1 shall be for a residential building
12 and at least 1 shall be for a commercial building.

13 (c) **PUBLIC AVAILABILITY.**—The designs of buildings
14 with respect to which funding is provided under subsection
15 (a) shall be made available to the public, and such build-

1 ings shall be accessible to the public for tours and edu-
2 cational purposes.

Page 5, line 14, strike “and”.

Page 5, after line 14, insert the following new para-
graph:

3 (2) development projects initiated by the Agen-
4 cy; and

Page 5, line 15, strike “(2)” and insert “(3)”.

Page 5, lines 17 through 21, amend section 7 (as so
redesignated by this amendment) to read as follows:

5 **SEC. 7. AUTHORIZATION OF APPROPRIATIONS.**

6 There are authorized to be appropriated to the As-
7 sistant Administrator for carrying out this Act
8 \$20,000,000 for each of the fiscal years 2009 through
9 2013.



AMENDMENT TO H.R. 3957
OFFERED BY MS. EDDIE BERNICE JOHNSON OF
TEXAS

Page 4, beginning on line 2, strike “treatment” and all that follows through the semicolon on line 3 and insert “storage, treatment, and reuse of rainwater, stormwater, and greywater;”.

Page 4, line 4, strike “and” after the semicolon.

Page 4, line 6, strike the period at the end and insert “and conservation; and”.

Page 4, after line 6, insert the following:

- 1 (4) use of watershed planning directed toward
2 water quality, conservation, and supply.

Page 4, line 14, strike the period at the end and insert “and conservation.”.

Page 4, after line 14, insert the following new subsection:

- 3 (c) MINORITY SERVING INSTITUTIONS.—In the exe-
4 cution of this program, the Assistant Administrator may
5 award extramural grants to institutions of higher edu-

1 cation and shall encourage participation by Minority Serv-
2 ing Institutions.

Page 4, strike lines 22 through 24 and insert the
following:

3 (2) collect and disseminate information, includ-
4 ing the establishment of a publicly-accessible clear-
5 ighthouse, on technologies and processes to promote
6 water use efficiency and conservation, including in-
7 formation on—

Page 5, line 5, strike “resulting” and insert “and
conservation resulting”.

Page 5, line 13, strike “research” and insert “water
use efficiency and conservation research”.

Page 5, line 16, strike the period at the end and in-
sert “concerning water use efficiency and conservation.”



AMENDMENT TO H.R. 3957
OFFERED BY MR. GINGREY OF GEORGIA

Page 4, after line 14, insert the following new section (and redesignate subsequent sections and make necessary conforming changes accordingly):

1 **SEC. 4. STRATEGIC RESEARCH PLAN.**

2 (a) IN GENERAL.—The Assistant Administrator shall
3 coordinate the development of a strategic research plan
4 (in this Act referred to as the “plan”) for the water use
5 efficiency and conservation research and development pro-
6 gram established in section 3 with all other Environmental
7 Protection Agency research and development strategic
8 plans.

9 (b) PLAN CONTENTS.—The plan shall—

10 (1) outline research goals and priorities for a
11 water use efficiency and conservation research agen-
12 da, including—

13 (A) developing innovative water supply-en-
14 hancing processes and technologies; and

15 (B) improving existing processes and tech-
16 nologies, including wastewater treatment, desa-
17 linization, and groundwater recharge and recov-
18 ery schemes;

1 (2) identify current Federal research efforts on
2 water that are directed toward meeting the goals of
3 improving water use efficiency, water conservation,
4 or expanding water supply and describe how such ef-
5 forts are coordinated with the program established
6 in section 3 in order to leverage resources and avoid
7 duplication; and

8 (3) consider and utilize, as appropriate, rec-
9 ommendations in reports and studies conducted by
10 Federal agencies, the National Research Council, the
11 National Science and Technology Council, or other
12 entities in the development of the plan.

13 (c) SCIENCE ADVISORY BOARD REVIEW.—The As-
14 sistant Administrator shall submit the plan to the Science
15 Advisory Board of the Environmental Protection Agency
16 for review.

17 (d) REVISION.—The plan shall be revised and amend-
18 ed as needed to reflect current scientific findings and na-
19 tional research priorities.

Page 3, line 24, strike “to promote” and insert
“consistent with the plan developed under section 4 that
promotes”.

Page 5, after line 16, add the following new para-
graph (and make technical and conforming changes as
necessary):

1 (3) development and implementation of the
2 plan.



AMENDMENT TO H.R. 3957

OFFERED BY MS. GIFFORDS OF ARIZONA

Page 5, after line 16, insert the following new section:

1 **SEC. 6. WATER MANAGEMENT STUDY AND REPORT.**

2 (a) STUDY.—

3 (1) REQUIREMENT.—The Administrator of the
4 Environmental Protection Agency shall enter into an
5 arrangement with the National Academy of Sciences
6 to complete a study of low impact and soft path
7 strategies for management of water supply, waste-
8 water, and stormwater.

9 (2) CONTENTS.—The study shall—

10 (A) examine and compare the state of re-
11 search, technology development, and emerging
12 practices in other developed and developing
13 countries with those in the United States;

14 (B) identify and evaluate relevant system
15 approaches for comprehensive water manage-
16 ment, including the interrelationship of water
17 systems with other major systems such as en-
18 ergy and transportation;

1 (C) identify priority research and develop-
2 ment needs; and

3 (D) assess implementation needs and bar-
4 riers.

5 (b) REPORT.—Not later than 2 years after the date
6 of enactment of this Act, the Administrator of the Envi-
7 ronmental Protection Agency shall transmit to the Com-
8 mittee on Science and Technology of the House of Rep-
9 resentatives and the Committee on Environment and Pub-
10 lic Works of the Senate a report on the key findings of
11 the study conducted under subsection (a). The report shall
12 evaluate challenges and opportunities and serve as a prac-
13 tical reference for water managers, planners, developers,
14 scientists, engineers, non-governmental organizations, fed-
15 eral agencies, and regulators by recommending innovative
16 and integrated solutions.

17 (c) DEFINITIONS.—For purposes of this section—

18 (1) the term “low impact” means a strategy
19 that manages rainfall at the source using uniformly
20 distributed decentralized micro-scale controls to
21 mimic a site’s predevelopment hydrology by using
22 design techniques that infiltrate, filter, store, evapo-
23 rate, and detain runoff close to its source; and

24 (2) the term “soft path” means a general
25 framework that encompasses—

- 1 (A) increased efficiency of water use;
- 2 (B) integration of water supply, waste-
- 3 water treatment, and stormwater management
- 4 systems; and
- 5 (C) protection, restoration, and effective
- 6 use of the natural capacities of ecosystems to
- 7 provide clean water.
- 8 (d) AUTHORIZATION OF APPROPRIATIONS.—There
- 9 are authorized to be appropriated to the Administrator of
- 10 the Environmental Protection Agency for carrying out this
- 11 section \$1,000,000 for fiscal year 2009.

Page 5, line 17, redesignate section 6 as section 7.