# 111TH CONGRESS H.R. 5320

# AN ACT

To amend the Safe Drinking Water Act to increase assistance for States, water systems, and disadvantaged communities; to encourage good financial and environmental management of water systems; to strengthen the Environmental Protection Agency's ability to enforce the requirements of the Act; to reduce lead in drinking water; to strengthen the endocrine disruptor screening program; 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; TABLE OF CONTENTS; REF-
- 4 ERENCES.
- 5 (a) Short Title.—This Act may be cited as the
- 6 "Assistance, Quality, and Affordability Act of 2010".
- 7 (b) Table of Contents of
- 8 this Act is as follows:
  - Sec. 1. Short title; table of contents; references.
  - Sec. 2. Technical assistance for small public water systems.
  - Sec. 3. Prevailing wages.
  - Sec. 4. Use of funds.
  - Sec. 5. Requirements for use of American materials.
  - Sec. 6. Data on variances, exemptions, and persistent violations.
  - Sec. 7. Assistance for restructuring.
  - Sec. 8. Priority and weight of applications.
  - Sec. 9. Disadvantaged communities.
  - Sec. 10. Administration of State loan funds.
  - Sec. 11. State revolving loan funds for American Samoa, Northern Mariana Islands, Guam, and the Virgin Islands.
  - Sec. 12. Authorization of appropriations.
  - Sec. 13. Negotiation of contracts.
  - Sec. 14. Affordability of new standards.
  - Sec. 15. Focus on lifecycle costs.
  - Sec. 16. Enforcement.
  - Sec. 17. Reducing lead in drinking water.
  - Sec. 18. Endocrine disruptor screening program.
  - Sec. 19. Presence of pharmaceuticals and personal care products in sources of drinking water.
  - Sec. 20. Electronic reporting of compliance monitoring data to the Administrator.
  - Sec. 21. Budgetary effects.
- 9 (c) References.—Except as otherwise specified,
- 10 whenever in this Act an amendment is expressed in terms
- 11 of an amendment to a section or other provision, the ref-
- 12 erence shall be considered to be made to a section or other
- 13 provision of the Safe Drinking Water Act (42 U.S.C. 300f
- 14 et seq.).

# 1 SEC. 2. TECHNICAL ASSISTANCE FOR SMALL PUBLIC

- **WATER SYSTEMS.**
- 3 Subsection (e) of section 1442 (42 U.S.C. 300j–1(e))
- 4 is amended to read as follows:

- 5 "(e) Technical Assistance.—
- 6 "(1) IN GENERAL.—The Administrator, directly
  7 or through grants or cooperative agreements with
  8 nonprofit organizations, may provide technical as9 sistance to small public water systems to enable such
  10 systems to achieve and maintain compliance with ap11 plicable national primary drinking water regulations.
  - "(2) Types of Assistance.—Technical assistance under paragraph (1) may include onsite technical assistance and compliance assistance; circuitrider and multi-State regional technical assistance programs; training; assistance with implementing source water protection programs; assistance with increasing water or energy efficiency; assistance with designing, installing, or operating sustainable energy infrastructure to produce or capture sustainable energy on site or through water transport; assistance with developing technical, financial, and managerial capacity; assistance with long-term infrastructure planning; assistance with applying for funds from a State loan fund under section 1452; and assistance

with implementation of monitoring plans, rules, regulations, and water security enhancements.

"(3) PRIORITY.—In providing assistance under this subsection, the Administrator shall give priority to assistance that will promote compliance with national primary drinking water standards, public health protection, and long-term sustainability of small public water systems. In awarding grants and cooperative assistance under paragraph (1) to non-profit organizations, the Administrator shall (subject to the preceding sentence) give greater weight to nonprofit organizations that, as determined by the Administrator, are most qualified and most effective and that, as determined by the Administrator using information where available, are providing the types of technical assistance that are preferred by small public water systems.

"(4) Competitive procedures.—It is the presumption of Congress that any award of assistance under this subsection will be awarded using competitive procedures based on merit. If assistance is awarded under this subsection using procedures other than competitive procedures, the Administrator shall submit to the Congress, within 90 days

of the award decision, a report explaining why competitive procedures were not used.

# "(5) Funding.—

3

4

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

- "(A) AUTHORIZATION OF APPROPRIA-TIONS.—There is authorized to be appropriated to carry out this subsection \$20,000,000 for each of fiscal years 2011 through 2015.
- "(B) Prohibition on Earmarks.—No funds made available under this subsection may be used to carry out a provision or report language included primarily at the request of a Member, Delegate, Resident Commissioner, or Senator providing, authorizing, or mending a specific amount of discretionary budget authority, credit authority, or other spending authority for a contract, loan, loan guarantee, grant, loan authority, or other expenditure with or to an entity, or targeted to a specific State, locality, or congressional district, other than through a statutory or administrative formula-driven or competitive award process.
- "(C) Lobbying expenses.—No portion of any State loan fund established under section 1452 and no portion of any funds made avail-

able under this subsection may be used for lobbying expenses.

3 "(D) Indian tribes.—Of the total
4 amount made available under this section for
5 each fiscal year, 3 percent shall be used for
6 technical assistance to public water systems
7 owned or operated by Indian Tribes.".

#### 8 SEC. 3. PREVAILING WAGES.

- 9 Subsection (e) of section 1450 (42 U.S.C. 300j-9)
- 10 is amended to read as follows:
- 11 "(e) Labor Standards.—

"(1) In General.—The Administrator shall 12 13 take such action as the Administrator determines to 14 be necessary to ensure that each laborer and me-15 chanic employed by a contractor or subcontractor in 16 connection with a construction project financed, in 17 whole or in part, by a grant, loan, loan guarantee, 18 refinancing, or any other form of financial assistance 19 provided under this title (including assistance pro-20 vided by a State loan fund established under section 21 1452) is paid wages at a rate of not less than the 22 wages prevailing for the same type of work on simi-23 lar construction in the immediate locality, as deter-24 mined by the Secretary of Labor in accordance with

1	subchapter IV of chapter 31 of title 40, United
2	States Code.
3	"(2) Authority of Secretary of Labor.—
4	With respect to the labor standards specified in this
5	subsection, the Secretary of Labor shall have the au-
6	thority and functions established in Reorganization
7	Plan Numbered 14 of 1950 (5 U.S.C. App.) and sec-
8	tion 3145 of title 40, United States Code.".
9	SEC. 4. USE OF FUNDS.
10	Section $1452(a)(2)$ (42 U.S.C. $300j-12(a)(2)$ ) is
11	amended—
12	(1) by striking "Except as otherwise" and in-
13	serting the following:
14	"(A) In general.—Except as otherwise"
15	(2) by striking ", or as a source of reserve and
16	security for leveraged loans, the proceeds of which
17	are deposited in a State loan fund established under
18	paragraph (1),";
19	(3) by striking "Financial assistance under this
20	section" and inserting the following:
21	"(B) Permissible expenditures.—Fi-
22	nancial assistance under this section";
23	(4) by striking "The funds may also be used"
24	and inserting the following:

1	"(D) CERTAIN LOANS.—Financial assist-
2	ance under this section may also be used";
3	(5) by striking "The funds shall not be used"
4	and inserting the following:
5	"(E) Limitation.—Financial assistance
6	under this section shall not be used";
7	(6) by striking "Of the amount credited" and
8	inserting the following:
9	"(F) Set-Aside.—Of the amount cred-
10	ited";
11	(7) in subparagraph (B) (as designated by
12	paragraph (3)) by striking "(not" and inserting
13	"(including expenditures for planning, design, siting,
14	and associated preconstruction activities, for replac-
15	ing or rehabilitating aging treatment, storage, or
16	distribution facilities of public water systems, or for
17	producing or capturing sustainable energy on site or
18	through the transportation of water through the
19	public water system, but not"; and
20	(8) by inserting after such subparagraph (B)
21	the following:
22	"(C) Sale of Bonds.—If a State issues
23	revenue or general obligation bonds to provide
24	all or part of the State contribution required by
25	subsection (e), and the proceeds of the sale of

1	such bonds will be deposited into the State loan
2	fund—
3	"(i) financial assistance made avail-
4	able under this section may be used by the
5	State as security for payment of the prin-
6	cipal and interest on such bonds; and
7	"(ii) interest earnings of the State
8	loan fund may be used by the State as rev-
9	enue for payment of the principal and in-
10	terest on such bonds.
11	Except as provided in this subparagraph, nei-
12	ther financial assistance made available under
13	this section nor interest earnings of a State
14	loan fund may be used by a State as security
15	for or as revenue for the payment of the prin-
16	cipal or interest on any bond, including any tax
17	exempt or tax credit bond issued by a State or
18	any political subdivision thereof.".
19	SEC. 5. REQUIREMENTS FOR USE OF AMERICAN MATE
20	RIALS.
21	Section 1452(a) (42 U.S.C. 300j–12(a)) is amended
22	by adding at the end the following new paragraph:
23	"(4) Requirements for use of american
24	MATERIALS.—

1	"(A) IN GENERAL.—Notwithstanding any
2	other provision of law, none of the funds made
3	available by a State loan fund as authorized
4	under this section may be used for a project for
5	the construction, alteration, maintenance, or re-
6	pair of a public water system unless the steel,
7	iron, and manufactured goods used in such
8	project are produced in the United States.
9	"(B) Exceptions.—Subparagraph (A)
10	shall not apply in any case in which the Admin-
11	istrator (in consultation with the Governor of
12	the State) finds that—
13	"(i) applying subparagraph (A) would
14	be inconsistent with the public interest;
15	"(ii) steel, iron, and manufactured
16	goods are not produced in the United
17	States in sufficient and reasonably avail-
18	able quantities and of a satisfactory qual-
19	ity; or
20	"(iii) inclusion of steel, iron, and man-
21	ufactured goods produced in the United
22	States will increase the cost of the overall
23	project by more than 25 percent.
24	"(C) Public notification and written
25	JUSTIFICATION FOR WAIVER.—If the Adminis-

1	trator determines that it is necessary to waive
2	the application of subparagraph (A) based on a
3	finding under subparagraph (B), the Adminis-
4	trator shall—
5	"(i) not less than 15 days prior to
6	waiving application of subparagraph (A),
7	provide public notice and the opportunity
8	to comment on the Administrator's intent
9	to issue such waiver; and
10	"(ii) upon issuing such waiver, publish
11	in the Federal Register a detailed written
12	justification as to why the provision is
13	being waived.
14	"(D) Consistency with international
15	AGREEMENTS.—This paragraph shall be applied
16	in a manner consistent with United States obli-
17	gations under international agreements.".
18	SEC. 6. DATA ON VARIANCES, EXEMPTIONS, AND PER-
19	SISTENT VIOLATIONS.
20	Section $1452(b)(2)$ (42 U.S.C. $300j-12(b)(2)$ ) is
21	amended—
22	(1) in subparagraph (B), by striking "and" at
23	the end;
24	(2) in subparagraph (C), by striking the period
25	at the end and inserting "; and"; and

1	(3) by adding at the end the following:
2	"(D) a list of all water systems within the
3	State that have in effect an exemption or vari-
4	ance for any national primary drinking water
5	regulation or that are in persistent violation of
6	the requirements for any maximum contami-
7	nant level or treatment technique under a na-
8	tional primary drinking water regulation, in-
9	cluding identification of—
10	"(i) the national primary drinking
11	water regulation in question for each such
12	exemption, variance, or violation; and
13	"(ii) the date on which the exemption
14	or variance came into effect or the viola-
15	tion began.".
16	SEC. 7. ASSISTANCE FOR RESTRUCTURING.
17	(a) Definition.—Section 1401 (42 U.S.C. 300f) is
18	amended by adding at the end the following:
19	"(17) Restructuring.—The term 'restruc-
20	turing' means changes in operations (including own-
21	ership, management, cooperative partnerships, joint
22	purchasing arrangements, consolidation, and alter-
23	native water supply).".
24	(b) Restructuring.—Clause (ii) of section
25	1452(a)(3)(B) (42 U.S.C. 300j-12(a)(3)(B)) is amended

1	by striking "changes in operations (including ownership,
2	management, accounting, rates, maintenance, consolida-
3	tion, alternative water supply, or other procedures)" and
4	inserting "restructuring".
5	SEC. 8. PRIORITY AND WEIGHT OF APPLICATIONS.
6	(a) Priority.—Section 1452(b)(3) (42 U.S.C. 300j-
7	12(b)(3)) is amended—
8	(1) in subparagraph (A)—
9	(A) in clause (ii), by striking "and" at the
10	end;
11	(B) in clause (iii), by striking the period at
12	the end and inserting "; and; and
13	(C) by adding at the end the following:
14	"(iv) improve the ability of systems to
15	protect human health and comply with the
16	requirements of this title affordably in the
17	future.";
18	(2) by redesignating subparagraph (B) as sub-
19	paragraph (D);
20	(3) by inserting after subparagraph (A) the fol-
21	lowing:
22	"(B) Affordability of New Stand-
23	ARDS.—For any year in which enforcement be-
24	gins for a new national primary drinking water
25	standard, each State that has entered into a

1	capitalization agreement pursuant to this sec
2	tion shall evaluate whether capital improve
3	ments required to meet the standard are afford-
4	able for disadvantaged communities in the
5	State. If the State finds that such capital im-
6	provements do not meet affordability criteria
7	for disadvantaged communities in the State, the
8	State's intended use plan shall provide that pri-
9	ority for the use of funds for such year be given
10	to public water systems affected by the stand-
11	ard and serving disadvantaged communities.
12	"(C) Weight given to applications.—
13	After determining priority under subparagraphs
14	(A) and (B), an intended use plan shall provide
15	that the State will give greater weight to an ap-
16	plication for assistance if the application con-
17	tains—
18	"(i) a description of measures under
19	taken by the system to improve the man-
20	agement and financial stability of the sys-
21	tem, which may include—
22	"(I) an inventory of assets, in-
23	cluding a description of the condition
24	of the assets;

1	"(II) a schedule for replacement
2	of assets;
3	"(III) an audit of water losses;
4	"(IV) a financing plan that fac-
5	tors in all lifecycle costs indicating
6	sources of revenue from ratepayers,
7	grants, bonds, other loans, and other
8	sources to meet the costs; and
9	"(V) a review of options for re-
10	structuring;
11	"(ii) a demonstration of consistency
12	with State, regional, and municipal water-
13	shed plans;
14	"(iii) a water conservation plan con-
15	sistent with guidelines developed for such
16	plans by the Administrator under section
17	1455(a); and
18	"(iv) a description of measures under-
19	taken by the system to improve the effi-
20	ciency of the system or reduce the system's
21	environmental impact, which may in-
22	clude—
23	"(I) water efficiency or conserva-
24	tion, including the rehabilitation or re-
25	placement of existing leaking pipes;

1	"(II) use of reclaimed water;
2	"(III) actions to increase energy
3	efficiency;
4	"(IV) actions to generate or cap-
5	ture sustainable energy on site or
6	through the transportation of water
7	through the system;
8	"(V) actions to protect source
9	water;
10	"(VI) actions to mitigate or pre-
11	vent corrosion, including design, selec-
12	tion of materials, selection of coating,
13	and cathodic protection; and
14	"(VII) actions to reduce disinfec-
15	tion byproducts."; and
16	(4) in subparagraph (D) (as redesignated by
17	paragraph (2)) by striking "periodically" and insert-
18	ing "at least biennially".
19	(b) Guidance.—Section 1452 (42 U.S.C. 300j–12)
20	is amended—
21	(1) by redesignating subsection (r) as sub-
22	section (s); and
23	(2) by inserting after subsection (q) the fol-
24	lowing:

- 1 "(r) SMALL SYSTEM GUIDANCE.—The Administrator
- 2 may provide guidance and, as appropriate, tools, meth-
- 3 odologies, or computer software, to assist small systems
- 4 in undertaking measures to improve the management, fi-
- 5 nancial stability, and efficiency of the system or reduce
- 6 the system's environmental impact.".

## 7 SEC. 9. DISADVANTAGED COMMUNITIES.

- 8 (a) Assistance To Increase Compliance.—Sec-
- 9 tion 1452(b)(3) (42 U.S.C. 300j-12(b)(3)), as amended,
- 10 is further amended by adding at the end the following:
- 11 "(E) Assistance to increase compli-
- 12 ANCE.—A State's intended use plan shall pro-
- vide that, of the funds received by the State
- through a capitalization grant under this sec-
- tion for a fiscal year, the State will, to the ex-
- tent that there are sufficient eligible project ap-
- plications, reserve not less than 6 percent to be
- spent on assistance under subsection (d) to
- 19 public water systems included in the State's
- 20 most recent list under paragraph (2)(D).".
- 21 (b) Assistance for Disadvantaged Commu-
- 22 NITIES.—Section 1452(d) (42 U.S.C. 300j–12(d)) is
- 23 amended—
- (1) in paragraph (1), by adding at the end the
- 25 following: "Such additional subsidization shall di-

1	rectly and primarily benefit the disadvantaged com-
2	munity."; and
3	(2) in paragraph (3), by inserting ", or portion
4	of a service area," after "service area".
5	(c) Affordability Criteria.—Section 1452(d)(3)
6	is amended by adding at the end: "Each State that has
7	entered into a capitalization agreement pursuant to this
8	section shall, in establishing affordability criteria, con-
9	sider, solicit public comment on, and include as appro-
10	priate—
11	"(A) the methods or criteria that the State
12	will use to identify disadvantaged communities;
13	"(B) a description of the institutional, reg-
14	ulatory, financial, tax, or legal factors at the
15	Federal, State, or local level that affect identi-
16	fied affordability criteria; and
17	"(C) a description of how the State will
18	use the authorities and resources under this
19	subsection to assist communities meeting the
20	identified criteria.".
21	SEC. 10. ADMINISTRATION OF STATE LOAN FUNDS.
22	Section 1452(g) (42 U.S.C. 300j–12(g)) is amend-
23	ed—
24	(1) in paragraph (2)—

1	(A) in the first sentence, by striking "up
2	to 4 percent of the funds allotted to the State
3	under this section" and inserting ", for each
4	fiscal year, an amount that does not exceed the
5	sum of the amount of any fees collected by the
6	State for use in covering reasonable costs of ad-
7	ministration of programs under this section, re-
8	gardless of the source, and an amount equal to
9	the greatest of \$400,000, ½ of one percent of
10	the current valuation of the State loan fund, or
11	6 percent of all grant awards to the State loan
12	fund under this section for the fiscal year,";
13	(B) by striking "1419," and all that fol-
14	lows through "1993." and inserting "1419.";
15	and
16	(C) in the matter following subparagraph
17	(D), by striking "2 percent" and inserting "4
18	percent"; and
19	(2) by adding at the end the following:
20	"(5) Transfer of funds.—
21	"(A) In General.—The Governor of a
22	State may—
23	"(i) reserve for any fiscal year not
24	more than the lesser of—

1	"(I) 33 percent of a capitaliza-
2	tion grant made under this section; or
3	"(II) 33 percent of a capitaliza-
4	tion grant made under section 601 of
5	the Federal Water Pollution Control
6	Act; and
7	"(ii) add the funds so reserved to any
8	funds provided to the State under this sec-
9	tion or section 601 of the Federal Water
10	Pollution Control Act.
11	"(B) STATE MATCHING FUNDS.—Funds
12	reserved under this paragraph shall not be con-
13	sidered for purposes of calculating the amount
14	of a State contribution required by subsection
15	(e) of this section or section 602(b) of the Fed-
16	eral Water Pollution Control Act.".
17	SEC. 11. STATE REVOLVING LOAN FUNDS FOR AMERICAN
18	SAMOA, NORTHERN MARIANA ISLANDS
19	GUAM, AND THE VIRGIN ISLANDS.
20	Section 1452(j) (42 U.S.C. 300j–12(j)) is amended
21	by striking "0.33 percent" and inserting "1 percent".
22	SEC. 12. AUTHORIZATION OF APPROPRIATIONS.
23	Subsection (m) of section 1452 (42 U.S.C. 300j-12)
24	is amended to read as follows:
25	"(m) Authorization of Appropriations.—

"(1) IN GENERAL.—There are authorized to be 1 2 appropriated to carry out this section— "(A) \$1,400,000,000 for fiscal year 2011; 3 "(B) \$1,600,000,000 for fiscal year 2012; 4 5 and 6 "(C) \$1,800,000,000 for fiscal year 2013. 7 "(2) AVAILABILITY.—Amounts made available 8 pursuant to this subsection shall remain available 9 until expended. "(3) Reservation for needs surveys.—Of 10 11 the amount made available under paragraph (1) to 12 carry out this section for a fiscal year, the Adminis-13 trator may reserve not more than \$1,000,000 per 14 vear to pay the costs of conducting needs surveys 15 under subsection (h).". 16 SEC. 13. NEGOTIATION OF CONTRACTS. 17 Section 1452 (42 U.S.C. 300j-12), as amended, is 18 further amended by adding at the end the following: 19 "(t) NEGOTIATION OF CONTRACTS.—For community water systems serving communities with populations of 21 more than 10,000 individuals, a contract to be carried out 22 using funds made available through a capitalization grant 23 under this section for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural

or related services shall be negotiated in the same manner 2 as— 3 "(1) a contract for architectural and engineer-4 ing services is negotiated under chapter 11 of title 5 40, United States Code; or 6 "(2) a contract subject to an equivalent State or local qualifications-based requirement (as deter-7 8 mined by the Governor of the State).". SEC. 14. AFFORDABILITY OF NEW STANDARDS. 10 (a) Treatment Technologies for Small Public Water Systems.—Clause (ii) of section 1412(b)(4)(E) 12 (42 U.S.C. 300g-1(b)(4)(E)) is amended by adding at the end the following: "If no technology, treatment technique, 13 14 or other means is included in a list under this subpara-15 graph for a category of small public water systems, the Administrator shall periodically review the list and supplement it when new technology becomes available.". 17 18 (b) Assistance for Disadvantaged Commu-19 NITIES.— 20 (1) In General.—Subparagraph (E) of section 21 1452(a)(1) (42 U.S.C. 300j-12(a)(1)) is amended— (A) by striking "except that the Adminis-22 trator may reserve" and inserting "except 23 24 that—

1	"(i) in any year in which enforcement
2	of a new national primary drinking water
3	standard begins, the Administrator may
4	use the remaining amount to make grants
5	to States whose public water systems are
6	disproportionately affected by the new
7	standard for the provision of assistance
8	under subsection (d) to such public water
9	systems;
10	"(ii) the Administrator may reserve";
11	and
12	(B) by striking "and none of the funds re-
13	allotted" and inserting "; and
14	"(iii) none of the funds reallotted".
15	(2) Elimination of certain provisions.—
16	(A) Section 1412(b) (42 U.S.C. 300g-
17	1(b)) is amended by striking paragraph (15).
18	(B) Section 1415 (42 U.S.C. 300g-4) is
19	amended by striking subsection (e).
20	(3) Conforming amendment.—Subparagraph
21	(B) of section 1414(c)(1) (42 U.S.C. 300g-
22	3(c)(1)(B)) is amended by striking "(a)(2), or (e)"
23	and inserting "or $(a)(2)$ ".

## 1 SEC. 15. FOCUS ON LIFECYCLE COSTS.

- 2 Section 1412(b)(4) (42 U.S.C. 300g-1(b)(4)) is
- 3 amended—
- 4 (1) in subparagraph (D), by striking "taking
- 5 cost into consideration" and inserting "taking
- 6 lifecycle costs, including maintenance, replacement,
- 7 and avoided costs, into consideration"; and
- 8 (2) in the matter preceding subclause (I) in
- 9 subparagraph (E)(ii), by inserting "taking lifecycle
- 10 costs, including maintenance, replacement, and
- avoided costs, into consideration," after "as deter-
- mined by the Administrator in consultation with the
- 13 States,".
- 14 SEC. 16. ENFORCEMENT.
- 15 (a) ADVICE AND TECHNICAL ASSISTANCE.—Section
- 16 1414 (42 U.S.C. 300g-3) is amended—
- 17 (1) in the matter following clause (ii) in sub-
- section (a)(1)(A), by striking "and provide such ad-
- vice and technical assistance to such State and pub-
- 20 lie water system as may be appropriate to bring the
- 21 system into compliance with the requirement by the
- earliest feasible time"; and
- 23 (2) in subsection (a)(1), by adding at the end
- the following:
- 25 "(C) At any time after providing notice of a violation
- 26 to a State and public water system under subparagraph

(A), the Administrator may provide such advice and technical assistance to such State and public water system as 3 may be appropriate to bring the system into compliance 4 with the requirement by the earliest feasible time. In de-5 ciding whether the provision of advice or technical assist-6 ance is appropriate, the Administrator may consider the potential for the violation to result in serious adverse ef-8 fects to human health, whether the violation has occurred continuously or frequently, and the effectiveness of past technical assistance efforts.". 10 11 (b) Additional Inspections.— 12 (1) IN GENERAL.—Section 1414 (42 U.S.C. 13 300g-3) is amended by redesignating 14 (A) subsections (d)15 through (i) as subsections (e) through (j), re-16 spectively; and 17 (B) by inserting after subsection (c) the 18 following: 19 "(d) Additional Inspections Following Viola-20 TIONS.— "(1) IN GENERAL.—The Administrator shall, 21 22 by regulation, and after consultation with the States, 23 prescribe the number, frequency, and type of addi-24 tional inspections to follow any violation requiring

1	notice under subsection (c). Regulations under this
2	subsection shall—
3	"(A) take into account—
4	"(i) differences between violations
5	that are intermittent or infrequent and vio-
6	lations that are continuous or frequent;
7	"(ii) the seriousness of any potential
8	adverse health effects that may be in-
9	volved; and
10	"(iii) the number and severity of past
11	violations by the public water system; and
12	"(B) specify procedures for inspections fol-
13	lowing a violation by a public water system that
14	has the potential to have serious adverse effects
15	on human health as a result of short-term expo-
16	sure.
17	"(2) State primary enforcement responsi-
18	BILITY.—Nothing in this subsection shall be con-
19	strued or applied to modify the requirements of sec-
20	tion 1413.".
21	(2) Conforming amendments.—
22	(A) Subsections $(a)(1)(B)$ , $(a)(2)(A)$ , and
23	(b) of section $1414\ (42\ U.S.C.\ 300g-3)$ are
24	amended by striking "subsection (g)" each
25	place it appears and inserting "subsection (h)".

1	(B) Section 1448(a) is amended by strik-
2	ing " $1414(g)(3)(B)$ " and inserting
3	"1414(h)(3)(B)".
4	SEC. 17. REDUCING LEAD IN DRINKING WATER.
5	(a) In General.—Section 1417 (42 U.S.C. 300g—
6	6) is amended—
7	(1) by adding at the end of subsection (a) the
8	following:
9	"(4) Exemptions.—The prohibitions in para-
10	graphs (1) and (3) shall not apply to—
11	"(A) pipes, pipe fittings, plumbing fittings,
12	or fixtures, including backflow preventers, that
13	are used exclusively for nonpotable services
14	such as manufacturing, industrial processing,
15	irrigation, outdoor watering, or any other uses
16	where the water is not anticipated to be used
17	for human consumption; or
18	"(B) toilets, bidets, urinals, fill valves,
19	flushometer valves, tub fillers, shower valves,
20	service saddles, or water distribution main gate
21	valves that are 2 inches in diameter or larger.";
22	and
23	(2) by amending subsection (d) to read as fol-
24	lows:
25	"(d) DEFINITION OF LEAD FREE —

- 1 "(1) IN GENERAL.—For the purposes of this 2 section, the term 'lead free' means—
- 3 "(A) not containing more than 0.2 percent 4 lead when used with respect to solder and flux; 5 and
  - "(B) not more than a weighted average of 0.25 percent lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures.
  - "(2) Calculation.—The weighted average lead content of a pipe, pipe fitting, plumbing fitting, or fixture shall be calculated by using the following formula: For each wetted component, the percentage of lead in the component shall be multiplied by the ratio of the wetted surface area of that component to the total wetted surface area of the entire product to arrive at the weighted percentage of lead of the component. The weighted percentage of lead of each wetted component shall be added together, and the sum of these weighted percentages shall constitute the weighted average lead content of the product. The lead content of the material used to produce wetted components shall be used to determine compliance with paragraph (1)(B). For lead content of

1	materials that are provided as a range, the max-
2	imum content of the range shall be used.".
3	(b) Effective Date.—The provisions of sub-
4	sections (a)(4) and (d) of section 1417 of the Safe Drink-
5	ing Water Act, as added by this section, apply beginning
6	on the day that is 36 months after the date of the enact-
7	ment of this Act.
8	SEC. 18. ENDOCRINE DISRUPTOR SCREENING PROGRAM.
9	Section 1457 (42 U.S.C. 300j-17) is amended to
10	read as follows:
11	"ENDOCRINE DISRUPTOR SCREENING PROGRAM
12	"Sec. 1457. (a) Testing of Substances.—
13	"(1) In general.—In carrying out the screen-
14	ing program under section 408(p) of the Federal
15	Food, Drug, and Cosmetic Act, the Administrator
16	shall provide for the testing of substances described
17	in paragraph (2) in addition to the substances de-
18	scribed in section 408(p)(3) of such Act.
19	"(2) COVERED SUBSTANCES.—A substance is
20	subject to testing pursuant to paragraph (1) if—
21	"(A) the substance may be found in
22	sources of drinking water; and
23	"(B) the Administrator determines that a
24	substantial population may be exposed to such
25	substance.

1	"(3) Substances already subject to test-
2	ING.—Notwithstanding paragraph (2), a substance
3	is not subject to testing pursuant to paragraph (1)
4	if—
5	"(A) the substance is already subject to
6	evaluation determined by the Administrator to
7	be equivalent to testing pursuant to paragraph
8	(1); or
9	"(B) the Administrator has already deter-
10	mined the effect of the substance on the endo-
11	crine system.
12	"(4) Substances derived from degrada-
13	TION OR METABOLISM OF ANOTHER SUBSTANCE.—
14	If a substance subject to testing pursuant to para-
15	graph (1) (in this paragraph referred to as the 'cov-
16	ered substance') is derived from the degradation or
17	metabolism of another substance, or is used in or
18	generated by the manufacture of another substance,
19	the Administrator shall provide for such testing of
20	the covered substance by the importer or manufac-
21	turer of the other substance.
22	"(b) Identification and Testing of Endocrine
23	DISRUPTING SUBSTANCES THAT MAY BE IN DRINKING
24	Water.—

"(1) IDENTIFICATION.—Not later than 1 year 1 2 after the date of the enactment of the Assistance, Quality, and Affordability Act of 2010, after oppor-3 4 tunity for comment, the Administrator shall pub-5 lish— 6 "(A) a list of no fewer than 100 sub-7 stances for testing pursuant to subsection 8 (a)(1) (in accordance with the schedule speci-9 fied in paragraph (3)); and 10 "(B) a plan for the identification of addi-11 tional substances for testing pursuant to sub-12 section (a)(1), and a schedule for issuing test 13 orders for all such additional substances by not 14 later than 10 years after the date of the enact-15 ment of the Assistance, Quality, and Afford-16 ability Act of 2010, with the goal of testing, at 17 a minimum and consistent with subsection (a), 18 all substances that have been placed on the 19 Drinking Water Preliminary Contaminant Can-20 didate List published pursuant to section 1412(b)(1)(B)(i). 21 22 In publishing the plan and schedule required by sub-23 paragraph (B), the Administrator shall obtain advice

and direction from the Science Advisory Board.

1	"(2) Prioritization; considerations.—In
2	selecting substances for listing under paragraph
3	(1)(A) or identification pursuant to the plan under
4	paragraph (1)(B), the Administrator—
5	"(A) shall prioritize the selection of sub-
6	stances that pose the greatest public health con-
7	cern, using the best available science and taking
8	into consideration (among other factors of pub-
9	lie health concern) the effect of such substances
10	on subgroups that comprise a meaningful por-
11	tion of the general population (such as infants,
12	children, pregnant women, the elderly, individ-
13	uals with a history of serious illness, and other
14	subpopulations) that are identifiable as being at
15	greater risk of adverse health effects due to ex-
16	posure to substances in drinking water; and
17	"(B) shall take into consideration—
18	"(i) available information on the ex-
19	tent of potential public exposures to the
20	substances through drinking water; and
21	"(ii) the Drinking Water Preliminary
22	Contaminant Candidate List published
23	pursuant to section 1412(b)(1)(B)(i).

1	"(3) Schedule.—After publication of the list
2	under paragraph (1)(A), the Administrator shall
3	issue test orders for—
4	"(A) at least 25 substances on the list by
5	the end of each year during the 4-year period
6	following the date of the enactment of the As-
7	sistance, Quality, and Affordability Act of 2010;
8	and
9	"(B) all substances on the list by the end
10	of such 4-year period.
11	"(c) Testing Protocol Process.—
12	"(1) In General.—Not later than 2 years
13	after the date of the enactment of the Assistance,
14	Quality, and Affordability Act of 2010, the Adminis-
15	trator shall, after opportunity for comment, and
16	after obtaining advice and direction from the Science
17	Advisory Board, publish guidance on developing and
18	updating protocols for testing of possible endocrine
19	disruptors that may be found in sources of drinking
20	water. The guidance shall specify—
21	"(A) the manner in which the Adminis-
22	trator will evaluate and, where necessary, revise
23	such protocols;

- 1 "(B) the manner in which the Adminis-2 trator will determine when testing of substances 3 will be required; and
  - "(C) the procedures by which other scientifically relevant information can be used in lieu of some or all of the information that otherwise would be collected pursuant to testing under section 408(p) of the Federal Food, Drug, and Cosmetic Act.
  - "(2) MINIMUM CONTENTS.—The procedures specified pursuant to paragraph (1)(C) shall ensure that the Administrator may use information that is prepared or provided by any person (including a registrant, manufacturer, or importer of a substance for which testing is required, and any other entity) and shall apply equally with respect to any such person.
  - "(3) AMENDMENTS.—The Administrator may, after opportunity for comment, and after obtaining advice and direction from the Science Advisory Board, amend any guidance published pursuant to this subsection.
- "(d) REVISION OF TESTING PROTOCOLS.—Not later than 2 years after the date of the enactment of the Assistance, Quality, and Affordability Act of 2010, the Administrator shall, after opportunity for comment, determine

- 1 whether sufficient scientific information has been devel-
- 2 oped to warrant updating the screening protocols devel-
- 3 oped under section 408(p) of the Federal Food, Drug, and
- 4 Cosmetic Act for substances that may be found in sources
- 5 of drinking water. Not later than 5 years after the date
- 6 of the enactment of the Assistance, Quality, and Afford-
- 7 ability Act of 2010 and every 3 years thereafter, the Ad-
- 8 ministrator shall determine, consistent with the guidance
- 9 published under subsection (c), whether to revise screening
- 10 protocols under such section for substances that may be
- 11 found in sources of drinking water based on significant
- 12 improvements in the sensitivity, accuracy, reliability, re-
- 13 producibility, or efficiency of such protocols, or a reduction
- 14 in the number of animals required to conduct such proto-
- 15 cols. Whenever the Administrator revises such a protocol,
- 16 the Administrator shall also determine, after obtaining ad-
- 17 vice and direction from the Science Advisory Board,
- 18 whether any substance that has already been subjected to
- 19 testing should be tested using the revised protocol.
- 20 "(e) Valid Scientific Data.—Any testing proto-
- 21 cols pursuant to this section shall be designed to produce
- 22 scientific results that are based on—
- 23 "(1) verifiable measurements with sufficiently
- 24 small error rates;

1	"(2) well-controlled measurements whose inter-
2	pretation is not confounded by extraneous influ-
3	ences; and
4	"(3) results that are repeatable by independent
5	scientists.
6	"(f) RESULTS OF TESTING.—
7	"(1) Publication of data evaluation
8	RECORDS.—Not later than 6 months after receipt of
9	testing results for a substance that may be found in
10	sources of drinking water, the Administrator shall
11	prepare and, consistent with subsection (g), publish
12	data evaluation records for such results in a publicly
13	searchable database.
14	"(2) Administrative action.—Not later than
15	6 months after receipt of test results that determine
16	the endocrine-related effects caused by a substance
17	that may be found in sources of drinking water, the
18	Administrator shall—
19	"(A) determine whether to take action re-
20	lated to the substance pursuant to the agency's
21	statutory authority; and
22	"(B) consistent with subsection (g), pub-
23	lish such determination in a publicly searchable
24	database.

- Nothing in this section shall be construed to affect the Administrator's authority to take action under other provisions of law.
- "(3) STRUCTURED **EVALUATION** FRAME-WORK.—To assess the overall weight of the evidence 5 6 and relevance to human health of results of testing 7 for substances that may be found in sources of 8 drinking water, the Administrator shall develop and 9 use a structured evaluative framework consisting of 10 science-based criteria, consistent with the protection 11 of public health, for systematically evaluating endo-12 crine mode of action and for determining data rel-13 evance, quality, and reliability.
- 15 180 days after the date of the enactment of the Assist16 ance, Quality, and Affordability Act of 2010 and con17 sistent with section 552 of title 5, United States Code,
  18 the Administrator shall publish, in electronic format, a
  19 publicly searchable database that contains information re20 garding the testing program. Not later than 30 days after
  21 the date on which the information becomes available, the

"(g) Public Database.—Beginning not later than

24 "(1) identifies the substances selected for test-25 ing under the program; and

Administrator shall ensure that, at a minimum, the data-

14

23

base—

"(2) includes the documents and information 1 2 pertaining to the status of testing activities for each 3 such substance, including test orders, deadlines for submission, the Environmental Protection Agency's data evaluation records, any scientific information 5 6 on which the Administrator based actions under sub-7 section (f), the Administrator's determination under 8 subsection (f) on whether action will be taken under 9 other statutory authority, and the summary of 10 chemical test results.

- 11 "(h) Petition for Inclusion of a Substance in 12 the Program.—
- "(1) IN GENERAL.—Any person may submit a petition to the Administrator to add a substance to the list under subsection (b)(1)(A) or identify a substance pursuant to the plan under subsection (b)(1)(B).
  - "(2) Specification of facts.—Any petition under paragraph (1) shall specify the facts that are claimed to establish that an action described in paragraph (1) is warranted.
  - "(3) Administrative action.—Not later than 90 days after the filing of a petition described under paragraph (1), the Administrator shall determine whether the petition has established that an action

18

19

20

21

22

23

24

25

- described in paragraph (1) is warranted and shall
- 2 grant or deny the petition. If the Administrator
- 3 grants such petition, the Administrator shall
- 4 promptly add the substance to the list under sub-
- 5 section (b)(1)(A) or identify the substance pursuant
- 6 to the plan under subsection (b)(1)(B), as applica-
- 7 ble. If the Administrator denies the petition, the Ad-
- 8 ministrator shall publish the reasons for such denial
- 9 in the Federal Register.
- 10 "(i) Coordination With Other Federal Agen-
- 11 CIES.—After the Administrator—
- "(1) requires testing of a substance that may
- be found in sources of drinking water, or
- "(2) based in whole or in part on the results of
- testing of such a substance, takes action related to
- the substance pursuant to the agency's statutory au-
- thority,
- 18 the Administrator shall give notice of such testing or ac-
- 19 tion to Federal agencies which are authorized by other
- 20 provisions of law to regulate the substance or products,
- 21 materials, medications, processes, or practices that use the
- 22 substance.
- 23 "(j) Reporting Requirement.—Not later than 1
- 24 year after the date of the enactment of the Assistance,
- 25 Quality, and Affordability Act of 2010 and every 3 years

1	thereafter, the Administrator shall provide a report to the				
2	Committee on Energy and Commerce of the House of				
3	Representatives and the Committee on Environment and				
4	Public Works of the Senate that describes—				
5	"(1) progress made in identifying and testing				
6	potential endocrine disruptors as well as plans for				
7	future activities;				
8	"(2) any change in screening or testing method-				
9	ology and evaluation or criteria for evaluating sci-				
10	entifically relevant information;				
11	"(3) actions taken to ensure communication				
12	and sharing of scientific information with other Fed				
13	eral agencies and the public; and				
14	"(4) any deviations from the plan or schedule				
15	published under subsection $(b)(1)(B)$ as well as the				
16	reasons therefor.				
17	"(k) Testing Consortia, Compensation, and				
18	COMPLIANCE.—				
19	"(1) In general.—Any person required by the				
20	Administrator to conduct testing of an endocrine				
21	disruptor that may be found in sources of drinking				
22	water may—				
23	"(A) submit, on its own, data in response				
24	to an order for such testing; and				

1 "(B) form (on a voluntary basis) a consor-2 tium in order to satisfy the requirements of one 3 or more orders for such testing.

"(2) Reliance on consortium submissions.—Each member of a consortium described in paragraph (1)(B) shall have full rights to rely on all submissions of the consortium to satisfy the requirements of any order for testing, but continues to be individually subject to such requirements.

## "(3) Sharing of costs.—

"(A) IN GENERAL.—Each member of a consortium described in paragraph (1)(B) shall share the applicable costs according to appropriate arrangements established by the consortium members.

"(B) BINDING OFFER.—Whenever, to satisfy the requirements of one or more orders for testing, any person offers to form or join a consortium described in paragraph (1)(B), or offers compensation to a person that has already submitted data to the Administrator satisfying an order for testing, such offer shall constitute a binding offer to share an appropriate portion of the applicable costs.

1	"(C) Applicable costs.—In this sub-
2	section, the term 'applicable costs' includes the
3	costs—
4	"(i) incurred to generate and report
5	information to comply with an order for
6	testing; or
7	"(ii) associated with the organization
8	and administration of the consortium.
9	"(4) Dispute resolution.—
10	"(A) IN GENERAL.—In the event of any
11	dispute about an appropriate share or a fair
12	method of determining an appropriate share of
13	applicable costs of the testing requirements in
14	a test order, any person involved in the dispute
15	may initiate binding arbitration proceedings by
16	requesting the Federal Mediation and Concilia-
17	tion Service to appoint an arbitrator from the
18	roster of arbitrators maintained by such Service
19	or a hearing with a regional office of the Amer-
20	ican Arbitration Association. A copy of the re-
21	quest shall be sent to each person from whom
22	the requesting party seeks compensation or who
23	seeks compensation from that party.
24	"(B) No review of findings and de-
25	TERMINATION.—The findings and determina-

tion of the arbitrator in a dispute initiated pursuant to subparagraph (A) shall be final and conclusive, and no official or court of the United States shall have power or jurisdiction to review any such findings and determination, except in the case of fraud, misrepresentation, or other misconduct by one of the parties to the arbitration or by the arbitrator.

"(C) Payment of fee and expenses.—
The parties to arbitration initiated pursuant to subparagraph (A) shall share equally in the payment of the fee and expenses of the arbitrator.

"(5) Enforcement.—If the Administrator determines that any person seeking to comply with an order for testing by relying on a submission made by a consortium or an original data submitter has failed to make an offer in accordance with paragraph (3)(B), to participate in an arbitration proceeding under paragraph (4), or to comply with the terms of an agreement or arbitration decision concerning sharing of applicable costs under paragraph (3), that person is deemed to have failed to comply with an order under subparagraph (A) of section 408(p)(5) of the Federal Food, Drug, and Cosmetic

1 Act for purposes of subparagraphs (B) and (C) of 2 such section.

"(1) Definitions.—In this section:

- "(1) The term 'endocrine disruptor' means an exogenous agent or mixture of agents that interferes or alters the synthesis, secretion, transport, metabolism, binding action, or elimination of hormones that are present in the body and are responsible for homeostasis, growth, neurological signaling, reproduction and developmental process, or any other effect that the Administrator has designated as an 'endocrine effect' pursuant to section 408(p)(1) of the Federal Food, Drug, and Cosmetic Act.
- "(2) The term 'testing' means the testing of a substance pursuant to the screening program under section 408(p) of the Federal Food, Drug, and Cosmetic Act, including a test of a substance that is intended to identify substances that have the potential to interact with the endocrine system or that is intended to determine the endocrine-related effects caused by such substance and obtain information about effects at various doses.
- 23 "(m) AUTHORIZATION OF APPROPRIATIONS.—To 24 carry out this section, there is authorized to be appro-

1	priated \$5,000,000 for each of fiscal years 2011 through					
2	2015.".					
3	SEC. 19. PRESENCE OF PHARMACEUTICALS AND PERSONAL					
4	CARE PRODUCTS IN SOURCES OF DRINKING					
5	WATER.					
6	Subsection (a) of section 1442 (42 U.S.C. 300j-1)					
7	is amended by adding at the end the following:					
8	"(11) Presence of Pharmaceuticals and Per-					
9	SONAL CARE PRODUCTS IN SOURCES OF DRINKING					
10	Water.—					
11	"(A) Study.—The Administrator shall carry					
12	out a study on the presence of pharmaceuticals and					
13	personal care products in sources of drinking water,					
14	which shall—					
15	"(i) identify pharmaceuticals and personal					
16	care products that have been detected in					
17	sources of drinking water and the levels at					
18	which such pharmaceuticals and personal care					
19	products have been detected;					
20	"(ii) identify the sources of pharma-					
21	ceuticals and personal care products in sources					
22	of drinking water, including point sources and					
23	nonpoint sources of pharmaceutical and per-					
24	sonal care products:					

1	"(iii) identify the effects of such products
2	on humans, the environment, and the safety of
3	drinking water; and
4	"(iv) identify methods to control, limit,
5	treat, or prevent the presence of such products.
6	"(B) Consultation.—The Administrator shall
7	conduct the study described in subparagraph (A) in
8	consultation with the Secretary of Health and
9	Human Services (acting through the Commissioner
10	of Food and Drugs), the Director of the United
11	States Geological Survey, the heads of other appro-
12	priate Federal agencies (including the National In-
13	stitute of Environmental Health Sciences), and other
14	interested stakeholders (including manufacturers of
15	pharmaceuticals and personal care products and
16	consumer groups and advocates).
17	"(C) Report.—Not later than 2 years after
18	the date of the enactment of this paragraph, the Ad-
19	ministrator shall submit to the Congress a report on
20	the results of the study carried out under this para-
21	graph.
22	"(D) Definitions.—In this paragraph:
23	"(i) The term 'personal care product' has
24	the meaning given the term 'cosmetic' in section

1	201 of the Federal Food, Drug, and Cosmetic
2	Act.
3	"(ii) The term 'pharmaceutical' has the
4	meaning given the term 'drug' in section 201 of
5	the Federal Food, Drug, and Cosmetic Act.".
6	SEC. 20. ELECTRONIC REPORTING OF COMPLIANCE MONI-
7	TORING DATA TO THE ADMINISTRATOR.
8	(a) Requirement.—Section 1414 (42 U.S.C. 300g-
9	3), as amended, is further amended by adding at the end
10	the following:
11	"(k) Electronic Reporting of Compliance
12	MONITORING DATA TO THE ADMINISTRATOR.—The Ad-
13	ministrator shall by rule establish requirements for—
14	"(1) electronic submission by public water sys-
15	tems of all compliance monitoring data—
16	"(A) to the Administrator; or
17	"(B) with respect to public water systems
18	in a State which has primary enforcement re-
19	sponsibility under section 1413, to such State;
20	and
21	"(2) electronic submission to the Administrator
22	by each State which has primary enforcement re-
23	sponsibility under section 1413 of all compliance
24	monitoring data submitted to such State by public
25	water systems pursuant to paragraph (1)(B).".

- 1 (b) Final Rule.—Not later than 12 months after
- 2 the date of the enactment of this Act, the Administrator
- 3 of the Environmental Protection Agency shall issue a final
- 4 rule to carry out section 1414(k) of the Safe Drinking
- 5 Water Act, as added by subsection (a).

## 6 SEC. 21. BUDGETARY EFFECTS.

- 7 The budgetary effects of this Act, for the purpose of
- 8 complying with the Statutory Pay-As-You-Go Act of 2010,
- 9 shall be determined by reference to the latest statement
- 10 titled "Budgetary Effects of PAYGO Legislation" for this
- 11 Act, submitted for printing in the Congressional Record
- 12 by the Chairman of the House Budget Committee, pro-
- 13 vided that such statement has been submitted prior to the
- 14 vote on passage.

Passed the House of Representatives July 30 (legislative day July 29), 2010.

Attest:

Clerk.

## 111 TH CONGRESS H. R. 5320

## AN ACT

To amend the Safe Drinking Water Act to increase assistance for States, water systems, and disadvantaged communities; to encourage good financial and environmental management of water systems; to strengthen the Environmental Protection Agency's ability to enforce the requirements of the Act; to reduce lead in drinking water; to strengthen the endocrine disruptor screening program; and for other purposes.