117TH CONGRESS 1ST SESSION

H. R. 1663

To provide for the water quality restoration of the Tijuana River and the New River, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

March 8, 2021

Mr. Vargas (for himself, Mr. Levin of California, Mr. Peters, Ms. Jacobs of California, Mr. Issa, and Mr. Ruiz) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure, and in addition to the Committees on Energy and Commerce, Natural Resources, Foreign Affairs, and the Budget, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To provide for the water quality restoration of the Tijuana River and the New River, 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.
- 4 (a) Short Title.—This Act may be cited as the
- 5 "Border Water Quality Restoration and Protection Act of
- 6 2021".
- 7 (b) Table of Contents for
- 8 this Act is as follows:

- Sec. 1. Short title; table of contents.
- Sec. 2. Definitions.

TITLE I—TIJUANA RIVER PUBLIC HEALTH AND WATER QUALITY RESTORATION

- Sec. 101. Findings; purpose.
- Sec. 102. Definitions.
- Sec. 103. Tijuana River Public Health and Water Quality Restoration Program.
- Sec. 104. Water quality plan.
- Sec. 105. Grants, agreements, and assistance.
- Sec. 106. Annual budget plan.
- Sec. 107. Reports.

TITLE II—NEW RIVER PUBLIC HEALTH AND WATER QUALITY RESTORATION

- Sec. 201. Findings; purpose.
- Sec. 202. Definitions.
- Sec. 203. California New River Public Health and Water Quality Restoration Program.
- Sec. 204. Water quality plan.
- Sec. 205. Grants, agreements, and assistance.
- Sec. 206. Annual budget plan.
- Sec. 207. Reports.

TITLE III—BORDER WATER INFRASTRUCTURE IMPROVEMENT

Sec. 301. United States-Mexico border water infrastructure program.

TITLE IV—MISCELLANEOUS

Sec. 401. Role of the Commissioner and international agreements.

1 SEC. 2. DEFINITIONS.

- 2 In this Act:
- 3 (1) ADMINISTRATOR.—The term "Adminis-
- 4 trator" means the Administrator of the Environ-
- 5 mental Protection Agency.
- 6 (2) Commissioner.—The term "Commis-
- 7 sioner" means the Commissioner of the United
- 8 States Section of the International Boundary and
- 9 Water Commission.

- 1 (3) MEXICAN.—The term "Mexican" means, as 2 applicable, the Federal, State, and local governments 3 of Mexico.
 - (4) NEW RIVER.—The term "New River" means the river that starts in Mexicali, Mexico, flows north into the United States through Calexico, passes through the Imperial Valley, and drains into the Salton Sea.
 - (5) Secretary.—The term "Secretary" means the Secretary of State.
 - (6) TIJUANA RIVER.—The term "Tijuana River" means the river that rises in the Sierra de Juarez in Mexico, flows through the City of Tijuana and then north into the United States, passes through the Tijuana River estuary, and drains into the Pacific Ocean.
 - (7) WATER REUSE.—The term "water reuse" has the meaning given the term in the document of the Environmental Protection Agency entitled "National Water Reuse Action Plan Collaborative Implementation (Version 1)" and dated February 2020.

I—TIJUANA TITLE RIVER PUB-**AND** LIC HEALTH WATER 2 **QUALITY RESTORATION** 3 SEC. 101. FINDINGS; PURPOSE. 4 5 (a) FINDINGS.—Congress finds that— 6 (1) the Tijuana River flows across the United 7 States-Mexico border, through the southern United States, and into the Pacific Ocean; 8 9 (2) ³/₄ of the 1,750 square mile watershed of 10 the Tijuana River lies in Mexico, and the remaining 11 1/4 includes the Tijuana River National Estuarine Research Reserve in the United States; 12 13 (3) the Tijuana River National Estuarine Re-14 search Reserve is a partnership of Federal and State 15 agencies, including the National Oceanic and Atmos-16 pheric Administration, California State Parks, and 17 the United States Fish and Wildlife Service: 18 (4) the Tijuana River is a significant estuary 19 and watershed, providing— 20 (A) economic and health benefits to the 21 citizens of the United States and Mexico; and 22 (B) environmental benefits as critical habi-23 tat to shore birds; 24 (5) the economy of communities in southern 25 California, including smaller communities, such as

- the City of Imperial Beach, and larger municipalities, such as the City of San Diego, may be significantly affected if the natural beauty and recreational opportunities of the Tijuana River are degraded;
 - (6) the Tijuana River watershed is in the midst of an environmental crisis, as stormwater flows from the upper watershed, originating in Tijuana, Mexico, carrying pollutants such as bacteria, trash, and sediment that severely affect water quality;
 - (7) coastal communities in and near the Tijuana River watershed are also affected, during certain tidal events, by a combination of treated wastewater and chlorinated-only wastewater discharged from the San Antonio de los Buenos wastewater treatment plant located 5 miles south of the United States-Mexico border in Tijuana;
 - (8) as reported by the Government Accountability Office in February 2020, transboundary flows of untreated sewage, combined with unmanaged stormwater, bring bacteria and other contaminants into the Tijuana River Valley watershed and beaches in the United States;
 - (9) sediment flows into the Tijuana River National Wildlife Refuge and blocks the flow of ocean

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1	water and creating an imbalance in water salinity		
2	necessary for marsh plants, fish, and birds;		
3	(10) the City of Imperial Beach has closed		
4	beach access ½ of each year for several years before		
5	the date of enactment of this Act due to risk to		
6	human health;		
7	(11) flows of untreated sewage, chemicals, and		
8	pollution from Mexico jeopardize the health of Bor-		
9	der Patrol agents and limiting the ability of thos		
10	agents to operate in areas affected by these flows;		
11	(12) in the 2 years before the date of enact-		
12	ment of this Act, local Border Patrol union officials		
13	have reported that over 100 officers have suffered		
14	from contamination, rashes, infections, chemical		
15	burns, and lung irritation due to toxic cross-border		
16	flows;		
17	(13) a March 2020 report of the Environmental		
18	Financial Advisory Board of the Environmental Pro-		
19	tection Agency—		
20	(A) found that—		
21	(i) "stormwater knows no jurisdic-		
22	tional boundaries and is a principal		
23	cause of water quality issues nationwide";		
24	and		

1	(ii) adequate funding to manage
2	stormwater pollution lags behind the in-
3	vestments made in wastewater manage-
4	ment and the delivery of safe drinking
5	water by decades; and
6	(B) concluded that Federal investment will
7	be required to address—
8	(i) the lack of State and local funding
9	and
10	(ii) multi-jurisdictional stormwater
11	management needs;
12	(14) during the 10-year period before the date
13	of enactment of this Act, Federal, State, and local
14	governments and others have identified the benefits
15	of using natural and green infrastructure to control
16	and manage stormwater runoff, including wetlands
17	coastal dunes, and retention structures;
18	(15) during the 20-year period before the date
19	of enactment of this Act, the United States and
20	Mexico, through the International Boundary and
21	Water Commission, have agreed to resolve the pollu-
22	tion problems in the Tijuana River;
23	(16) the International Boundary and Water
24	Commission has negotiated 8 minutes to resolve

1	water quality problems in the Tijuana River, among			
2	other subjects;			
3	(17) 1 of the most recent minutes authorized			
4	the construction of the South Bay International			
5	Wastewater Treatment Plant in San Ysidro to treat			
6	on average, 25,000,000 gallons of sewage from T			
7	juana per day, which has reduced the sewage comin			
8	into the United States;			
9	(18) the sewer system of Tijuana is—			
10	(A) aging and deteriorating; and			
11	(B) insufficient to meet the needs of a			
12	quickly growing population;			
13	(19) in February 2017, 1 of the main sewer col-			
14	lectors of Tijuana broke, sending an estimate			
15	143,000,000 gallons of raw sewage into the United			
16	States, which was not the only time such a break oc			
17	curred;			
18	(20) from February to July of 2019, an esti-			
19	mated 4,500,000,000 gallons of wastewater, treated			
20	water, and stormwater flowed from Mexico to the			
21	United States;			
22	(21) in June and July 2019, there were 3 sewer			
23	collector breaks, resulting in a total discharge of raw			
24	sewage of almost 2.000.000 gallons:			

- 1 (22) a 2019 study entitled "Tijuana River Di2 version Study: Flow Estimates, Infrastructure Diag3 nostic, and Alternatives Development" estimated
 4 that from 2009 through 2016, transboundary flows
 5 occurred on average 138 days each year;
 6 (23) those transboundary flows contain treated
 7 wastewater, raw sewage, and urban runoff, with
 - (24) the study described in paragraph (22)—

most of those flows associated with wet weather and

- (A) found that improving the operational reliability of the existing diversion system of the South Bay could reduce the number of days that transboundary flows occurred; but
- (B) estimated that there would still be on average 90 days of transboundary flows each year;
- (25) the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) has established a stormwater permit program under the National Pollutant Discharge Elimination System, under which municipalities have the responsibility to manage and treat stormwater;
- 24 (26) because of the international border and 25 different treatment systems and standards, dis-

stormwater;

- 1 charges in Mexico to the Tijuana River are not 2 treated to the same standards as the standards to 3 which discharges would be treated in the United States; (27) the International Boundary and Water 6 Commission negotiated Minute 320 to find solutions 7 for water quality, trash, and sediment in the Tijuana 8 River; 9 (28) the United States has— 10 (A) invested at least \$250,000,000 for sec-11 ondary wastewater treatment in the Tijuana 12 River Valley by the International Boundary and Water Commission; and 13 14 (B) paid \$18,000,000 to operate and 15 maintain the plant in fiscal year 2018; 16 (29) the United States has also helped fund 17 water and wastewater infrastructure along the bor-18 der through the Border Water Infrastructure Pro
 - gram and the North American Development Bank;
 (30) however, as the Government Accountability
 Office found in the report described in paragraph
 (8), the long-standing environmental and health
 problems associated with transboundary stormwater
 flows continue, while the International Boundary
 and Water Commission has not taken actions to re-

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- solve existing problems by proposing and analyzing alternatives, analyzing costs, identifying solutions, or establishing time frames; and
- 4 (31) significant additional investment from 5 Federal, State, local, and Mexican resources is need-6 ed to improve the water quality of the Tijuana River 7 watershed.
- 8 (b) Purposes.—The purposes of this title are—
 - (1) to establish a program to plan and implement water quality restoration and protection activities;
 - (2) to ensure the coordination of restoration and protection activities among Mexican, Federal, State, local, and regional entities and conservation partners relating to water quality and stormwater management in the Mexican Tijuana River watershed and the American Tijuana River watershed; and
 - (3) to provide funding for water quality restoration and protection activities in the Mexican Tijuana River watershed and the American Tijuana River watershed.
- 23 SEC. 102. DEFINITIONS.
- 24 In this title:

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1	SEC. 103. TIJUANA RIVER PUBLIC HEALTH AND WATER			
2	QUALITY RESTORATION PROGRAM.			
3	(a) Establishment.—Not later than 180 days after			
4	the date of enactment of this Act, the Administrator shall			
5	5 establish a program, to be known as the "Tijuana Rive			
6	6 Public Health and Water Quality Restoration Program			
7	(b) Duties.—In carrying out the program, the Ad			
8	ministrator shall—			
9	(1) carry out projects, plans, and initiatives for			
10	the Tijuana River and work in consultation with ap-			
11	plicable management entities, including representa-			
12	tives of the Federal Government, State and local			
13	governments, and regional and nonprofit organiza-			
14	tions, to carry out public health and water quality			
15	restoration and protection activities relating to the			
16	Tijuana River;			
17	(2) carry out activities that—			
18	(A) develop, using monitoring, data collec-			
19	tion, and assessment, a shared set of science-			
20	based water quality restoration and protection			
21	activities identified in accordance with para-			
22	graph (1);			
23	(B) support the implementation of a			
24	shared set of science-based water quality res-			
25	toration and protection activities identified in			
26	accordance with paragraph (1), including water			

1	reuse projects, water recycling projects, and
2	natural and green infrastructure projects;
3	(C) target cost-effective projects with
4	measurable results; and
5	(D) maximize public health and water
6	quality conservation outcomes;
7	(3) coordinate the development of consistent
8	Federal policies, strategies, projects, and priorities
9	for addressing the public health and water quality
10	restoration and protection of the Tijuana River;
11	(4) coordinate a funding strategy among avail-
12	able funding sources in the region; and
13	(5) provide grants, agreements, and technical
14	assistance in accordance with section 105.
15	(c) Coordination.—In establishing the program,
16	the Administrator shall consult, as appropriate, with—
17	(1) the heads of Federal agencies, including—
18	(A) the Secretary;
19	(B) the Commissioner;
20	(C) the Secretary of Agriculture;
21	(D) the Secretary of Homeland Security;
22	(E) the Administrator of General Services;
23	(F) the Commissioner of U.S. Customs
24	and Border Protection;
25	(G) the Secretary of the Interior;

1	(H) the Secretary of the Army, acting
2	through the Chief of Engineers;
3	(I) the Administrator of the National Oce-
4	anic and Atmospheric Administration;
5	(J) the Director of the United States Fish
6	and Wildlife Service; and
7	(K) the head of any other applicable agen-
8	cy, as determined by the Administrator;
9	(2) the heads of State agencies, including—
10	(A) the Governor of California;
11	(B) the California Environmental Protec-
12	tion Agency;
13	(C) the California State Water Resources
14	Control Board;
15	(D) the California Department of Water
16	Resources; and
17	(E) the San Diego Regional Water Quality
18	Control Board;
19	(3) 2 representatives of affected units of local
20	government in the State, chosen on a rotating 3-year
21	cycle by the Governor of California, including rep-
22	resentatives from the City of Imperial Beach, the
23	City of San Diego, the City of Chula Vista, the City
24	of Coronado, the Port of San Diego, and the County
25	of San Diego;

1	(4) 2 representatives of relevant nonprofit
2	groups, chosen on a rotating 3-year cycle by the
3	Governor of California;
4	(5) other public agencies and organizations with
5	authority for the planning and implementation of
6	conservation strategies relating to the Tijuana River
7	in the United States and Mexico, as determined by
8	the Administrator; and
9	(6) representatives of the North American De-
10	velopment Bank.
11	(d) Cooperative Agreements and Memoranda
12	of Understanding.—
13	(1) In general.—To achieve the purposes of
14	this title and to ensure effective coordination of Fed-
15	eral and non-Federal water quality restoration and
16	protection activities, the Administrator shall use
17	amounts made available for the border water infra-
18	structure program under section 301 and payments
19	received pursuant to paragraph (4)(A) to enter into
20	cooperative agreements and memoranda of under-
21	standing with, and provide technical assistance to—
22	(A) the heads of other Federal agencies,
23	States, State agencies, units of local govern-
24	ment, regional governmental bodies, and private
25	entities; and

1	(B) in cooperation with the Secretary, the
2	Government of Mexico.
3	(2) Use of agreements.—The Administrator
4	shall enter into the cooperative agreements and
5	memoranda of understanding described in paragraph
6	(1)—
7	(A) to carry out the activities described in
8	this section, including studies, plans, construc-
9	tion, and completion of projects to improve the
10	water quality of, environment of, and public
11	health around the Tijuana River; and
12	(B) to carry out a pilot project under
13	which the Administrator shall, for projects se-
14	lected by the Administrator that would other-
15	wise not be successful in improving the water
16	quality of, environment of, and public health of
17	people residing in areas surrounding the Ti-
18	juana River—
19	(i) identify the parties responsible for
20	the projects; and
21	(ii) provide funds to those parties for
22	the operations and maintenance of the
23	projects.
24	(3) Term.—The cooperative agreements and
25	memoranda of understanding described in paragraph

(1) shall be limited to a specified period of time, as
 determined by the Administrator.

(4) FINANCIAL ARRANGEMENTS.—

- (A) IN GENERAL.—If the Administrator enters into a cooperative agreement or memorandum of understanding described in paragraph (1), the Administrator may require the other party to the agreement or memorandum to provide payment to the Administrator.
- (B) DEPOSIT.—Any amounts received as a payment under subparagraph (A) shall be deposited into the State and Tribal Assistance Grants account of the Environmental Protection Agency and shall remain available, without further appropriation, to carry out the purposes of this title.
- (5) Personnel; services; technical assistance—The Administrator may provide or accept personnel, services, and technical assistance pursuant to a cooperative agreement or memorandum of understanding described in paragraph (1), with or without reimbursement, for the purposes of carrying out the agreement or memorandum.

24 SEC. 104. WATER QUALITY PLAN.

25 (a) Development.—

1	(1) In general.—The Administrator, in con-
2	sultation with the entities described in section
3	103(c), shall develop a plan for the purpose of im-
4	proving and protecting the water quality of the Ti-
5	juana River watershed.
6	(2) Requirements.—The plan under para-
7	graph (1) shall—
8	(A) build on and incorporate any existing
9	efforts and plans to improve and protect the
10	water quality of the Tijuana River watershed,
11	including ongoing and completed efforts and
12	plans; and
13	(B) include—
14	(i) such features as are needed to im-
15	prove and protect the quality of waste-
16	water, stormwater runoff, and other un-
17	treated flows;
18	(ii) criteria for selecting—
19	(I) water quality restoration and
20	protection projects; and
21	(II) projects on the priority list
22	under subsection (c)(1);
23	(iii) the amounts necessary for the op-
24	erations and maintenance of infrastructure

1		existing on and constructed after the date
2		of enactment of this Act; and
3		(iv) potential sources of funding to
4		help pay the costs described in clause (iii).
5		(3) Operations and maintenance fund-
6	ING.	
7		(A) In General.—The Administrator,
8		working with the entities described in section
9		103(e), shall assess and identify potential alter-
10		native sources and approaches for financing in-
11		frastructure projects, including financing the
12		operations and maintenance of those infrastruc-
13		ture projects.
14		(B) REQUIREMENT.—In carrying out sub-
15		paragraph (A), the Administrator shall assess
16		the approaches identified in the report of the
17		Environmental Financial Advisory Board enti-
18		tled "Evaluating Stormwater Infrastructure
19		Funding and Financing" and dated March
20		2020.
21	(b)	ISSUANCE; UPDATES.—The Administrator
22	shall—	
23		(1) not later than 1 year after the date of en-
24	actn	nent of this Act, issue the plan under subsection
25	(a)(1); and

1	(2) every 5 years after the date on which the
2	plan is issued under paragraph (1), update the plan.
3	(e) Priority List.—
4	(1) In general.—The plan under subsection
5	(a)(1) shall include a priority list of potential or pro-
6	posed water quality restoration and protection
7	projects for the Tijuana River watershed that—
8	(A) provides for the management of waste-
9	water or stormwater or the removal of debris,
10	sediment, chemicals, bacteria, and other con-
11	taminants from the water flowing north into the
12	United States;
13	(B) estimates the costs and identifies the
14	entities that will fund the construction, oper-
15	ation, and maintenance of each project on the
16	priority list;
17	(C) is developed in coordination with the
18	entities described in section 103(c);
19	(D) assists agencies to coordinate funding;
20	and
21	(E) identifies projects—
22	(i) in the Mexican Tijuana River wa-
23	tershed;
24	(ii) in the American Tijuana River
25	watershed: and

1	(iii) that address transboundary flows
2	that affect coastal communities in and
3	near the Tijuana River watershed.
4	(2) Development.—In developing the priority
5	list under paragraph (1), the Administrator shall—
6	(A) use the best available science, includ-
7	ing any relevant findings and recommendations
8	of a watershed assessment conducted by Fed-
9	eral, State, and local agencies;
10	(B) carry out and fund science develop-
11	ment, monitoring, or modeling as needed to in-
12	form project development and assessment; and
13	(C) include, in order of priority, potential
14	or proposed water quality or stormwater
15	projects for the restoration and protection of
16	the Tijuana River that—
17	(i) would help—
18	(I) to achieve and maintain the
19	water quality standards for—
20	(aa) public health;
21	(bb) recreational opportuni-
22	ties;
23	(cc) scenic resources; and
24	(dd) wildlife and habitat;
25	and

1	(II) to address water needs in the
2	Tijuana River watershed, including
3	through water reuse and water recy-
4	cling; and
5	(ii) would identify responsible agencies
6	and funding sources through coordinated
7	efforts by the entities described in section
8	103(e).
9	SEC. 105. GRANTS, AGREEMENTS, AND ASSISTANCE.
10	(a) In General.—In order to carry out the purposes
11	of the program as described in section 101(b), the Admin-
12	istrator may—
13	(1) provide grants and technical assistance to
14	the Commissioner, State and local governments,
15	nonprofit organizations, and institutions of higher
16	education, in both the United States and Mexico;
17	and
18	(2) enter into interagency agreements with
19	other Federal agencies.
20	(b) Criteria.—The Administrator, in consultation
21	with the entities described in section 103(c), shall develop
22	criteria for providing grants and technical assistance and
23	entering into interagency agreements under subsection (a)
24	to ensure that activities carried out under an interagency
25	agreement or using those grants or technical assistance—

1	(1) accomplish 1 or more of the purposes iden-
2	tified in section 101(b); and
3	(2) advance the implementation of priority
4	projects identified under section 104(c).
5	(c) Cost Sharing.—The Administrator may estab-
6	lish a Federal share requirement for any project carried
7	out using any assistance proved under this section on an
8	individual project basis.
9	(d) Administration.—
10	(1) In General.—The Administrator may
11	enter into an agreement to manage the implementa-
12	tion of this section with the North American Devel-
13	opment Bank or a similar organization that offers
14	grant management services.
15	(2) Funding.—If the Administrator enters into
16	an agreement under paragraph (1), the organization
17	selected shall—
18	(A) for each fiscal year, receive amounts to
19	carry out this section in an advance payment of
20	the entire amount on the date of enactment of
21	an appropriations Act making appropriations to
22	the Administrator for a fiscal year, or as soon
23	as practicable thereafter; and
24	(B) otherwise administer the implementa-
25	tion of this section to support partnerships be-

1	tween the public and private sectors in accord-
2	ance with this title.
3	(e) Construction, Operation, and Mainte-
4	NANCE.—The Commissioner may construct, operate, and
5	maintain any project carried out using funds made avail-
6	able to carry out this section.
7	SEC. 106. ANNUAL BUDGET PLAN.
8	The President, as part of the annual budget submis-
9	sion of the President to Congress under section 1105(a)
10	of title 31, United States Code, shall submit estimated ex-
11	penditures and proposed appropriations for projects under
12	this title for the current year, the budget year, and 5 out-
13	years (as those terms are defined in section 250(c) of the
14	Balanced Budget and Emergency Deficit Control Act of
15	1985 (2 U.S.C. 900(c))), including for projects included
16	in the priority list under section 104(c), for each Federal
17	agency described in section 103(c)(1).
18	SEC. 107. REPORTS.
19	Not later than 180 days after the date of enactment
20	of this Act, and every 2 years thereafter, the Adminis-
21	trator shall submit to Congress a report on the implemen-
22	tation of this title, including—
23	(1) a description of—
24	(A) each project that has received funding
25	pursuant to this title: and

1	(B) the status of all projects that have re-
2	ceived funding pursuant to this title that are in
3	progress on the date of submission of the re-
4	port; and
5	(2) an assessment of the effectiveness of the op-
6	eration and maintenance of each project that has
7	been carried out pursuant to this title.
8	TITLE II—NEW RIVER PUBLIC
9	HEALTH AND WATER QUAL-
10	ITY RESTORATION
11	SEC. 201. FINDINGS; PURPOSE.
12	(a) FINDINGS.—Congress finds that—
13	(1) the New River was born out of—
14	(A) occasional flows of the Colorado River
15	into the Salton Sink; and
16	(B) the erosion of the New River channel,
17	which formed the deep river canyon between
18	1905 and 1907;
19	(2) the New River—
20	(A) starts in Mexicali, Mexico;
21	(B) flows north into the United States
22	through Calexico;
23	(C) passes through the Imperial Valley;
24	and

1	(D) drains into the Salton Sea approxi-
2	mately 66 miles north of the international
3	boundary;
4	(3) the sub-watershed of the New River covers
5	approximately 750 square miles, of which 63 percent
6	is in Mexico and 37 percent is in the United States;
7	(4) the New River has been widely recognized
8	for significant water pollution problems, primarily
9	because of agricultural runoff, raw sewage, pes-
10	ticides, and discharges of wastes from domestic, ag-
11	ricultural, and industrial sources in Mexico and the
12	Imperial Valley;
13	(5) by the 1980s, the New River acquired the
14	reputation of being 1 of the most polluted rivers in
15	the United States, with many pollutants in the New
16	River posing serious human health hazards to local
17	populations, particularly in Calexico and Mexicali;
18	(6) in 1992, Minute 288 of the International
19	Boundary and Water Commission—
20	(A) established a sanitation strategy for
21	the water quality problems of the New River at
22	the international border; and
23	(B) divided sanitation projects into 2 im-
24	mediate repair projects, the Mexicali I and
25	Mexicali II, that—

1	(i) totaled approximately
2	\$50,000,000; and
3	(ii) were funded by both the United
4	States and Mexico through the North
5	American Development Bank;
6	(7) in 1995, the Environmental Protection
7	Agency provided funds to the California Regional
8	Water Quality Control Board to monitor and docu-
9	ment the water quality at the international boundary
10	on a monthly basis;
11	(8) in the late 1990s—
12	(A) the United States and Mexico spent
13	\$100,000,000 (of which 45 percent was paid by
14	Mexico and 55 percent was paid by the United
15	States) to build the Las Arenitas and Zaragoza
16	wastewater treatment plants; and
17	(B) after the construction of those plants,
18	untreated water from the New River was passed
19	through 4 microbial treatment cells at the Las
20	Arenitas wastewater treatment plant, which was
21	then chlorinated and fed into a reforestation
22	project along the desiccated Rio Hardy, which
23	stretches to the Sea of Cortez;
24	(9) a 10-year effort by community groups, law-
25	yers, regulatory agencies, and politicians addressed

1	the problem of water quality in the New River at the
2	source by—
3	(A) federally funding a new sewage treat-
4	ment plant in Mexicali; and
5	(B) developing a site plan for the portion
6	of the New River in the United States;
7	(10) in 2009, the State of California required
8	the California-Mexico Border Relations Council—
9	(A) to create a water quality plan to study,
10	monitor, remediate, and enhance the water
11	quality of the New River to protect human
12	health; and
13	(B) to develop a river parkway suitable for
14	public use;
15	(11) in 2012, the California-Mexico Border Re-
16	lations Council approved the strategic plan for the
17	New River Improvement Project that was prepared
18	by the New River Improvement Project Technical
19	Advisory Committee;
20	(12) in 2016, the New River Improvement
21	Project Technical Advisory Committee revised the
22	recommended infrastructure of the New River Im-
23	provement Project, and the State of California ap-
24	propriated \$1,400,000 to provide grants or contracts

1	to carry out the necessary planning, design, environ-
2	mental review, and permitting work;
3	(13) the revised New River Improvement
4	Project includes the installation of a large trash
5	screen, a conveyance system, aeration devices, a new
6	pump station, and managed wetlands; and
7	(14) the existing and ongoing voluntary con-
8	servation efforts at the New River necessitate im-
9	proved efficiency and cost effectiveness, increased
10	private sector investments, and coordination of Fed-
11	eral and non-Federal resources.
12	(b) Purposes.—The purposes of this title include—
13	(1) coordinating water quality restoration and
14	protection activities relating to the New River
15	among Mexican, Federal, State, local, and regional
16	entities and conservation partners; and
17	(2) carrying out coordinated restoration and
18	protection activities relating to the New River and
19	providing technical assistance for those activities—
20	(A) to sustain and enhance fish and wild-
21	life habitat restoration and protection activities
22	(B) to improve and maintain water quality
23	to support fish and wildlife, as well as the habi-
24	tats of fish and wildlife;

1	(C) to sustain and enhance water manage
2	ment for volume and flood damage mitigation
3	improvements to benefit fish and wildlife habi-
4	tat;
5	(D) to improve opportunities for public ac-
6	cess to, and recreation in and along, the New
7	River consistent with the ecological needs or
8	fish and wildlife habitat;
9	(E) to maximize the resilience of natura
10	systems and habitats under changing watershed
11	conditions;
12	(F) to engage the public through outreach
13	education, and citizen involvement to increase
14	capacity and support for coordinated water
15	quality restoration and protection activities re-
16	lating to the New River;
17	(G) to increase scientific capacity to sup-
18	port the planning, monitoring, and research ac
19	tivities necessary to carry out coordinated water
20	quality restoration and protection activities re-
21	lating to the New River; and
22	(H) to provide technical assistance to carry
23	out water quality restoration and protection ac
	r v

tivities relating to the New River.

1 SEC. 202. DEFINITIONS.

2	In this title:
3	(1) Program.—The term "program" means
4	the California New River Public Health and Water
5	Quality Restoration Program established under sec-
6	tion 203(a).
7	(2) Water quality restoration and pro-
8	TECTION.—The term "water quality restoration and
9	protection", with respect to the New River water-
10	shed, means—
11	(A) the enhancement of water quality and
12	stormwater management; and
13	(B) the use of natural and green infra-
14	structure to enhance the ability of the water-
15	shed to capture pollutants and reduce runoff to
16	prevent flooding.
17	SEC. 203. CALIFORNIA NEW RIVER PUBLIC HEALTH AND
18	WATER QUALITY RESTORATION PROGRAM.
19	(a) Establishment.—Not later than 180 days after
20	the date of enactment of this Act, the Administrator shall
21	establish a program, to be known as the "California New
22	River Public Health and Water Quality Restoration Pro-
23	gram".
24	(b) Duties.—In carrying out the program, the Ad-
25	ministrator shall—

(1) carry out projects, plans, and initiatives for the New River that are supported by the California-Mexico Border Relations Council, and work in consultation with applicable management entities, including representatives of the Calexico New River Committee, the California-Mexico Border Relations Council, the New River Improvement Project Technical Advisory Committee, the Federal Government, State and local governments, and regional and nonprofit organizations, to carry out water quality restoration and protection activities relating to the New River;

(2) carry out activities that—

- (A) develop, using monitoring, data collection, and assessment, a shared set of science-based water quality restoration and protection activities identified in accordance with paragraph (1);
- (B) support the implementation of a shared set of science-based water quality restoration and protection activities identified in accordance with paragraph (1), including water reuse projects, water recycling projects, and natural and green infrastructure projects;

1	(C) target cost-effective projects with
2	measurable results; and
3	(D) maximize public health and water
4	quality conservation outcomes; and
5	(3) provide grants, agreements, and technical
6	assistance in accordance with section 205.
7	(c) Coordination.—In establishing the program,
8	the Administrator shall consult, as appropriate, with—
9	(1) the heads of Federal agencies, including—
10	(A) the Secretary of the Interior;
11	(B) the Secretary of Agriculture;
12	(C) the Secretary of Homeland Security;
13	(D) the Administrator of General Services;
14	(E) the Commissioner of U.S. Customs
15	and Border Protection;
16	(F) the Commissioner;
17	(G) the Secretary of the Army, acting
18	through the Chief of Engineers;
19	(H) the Administrator of the National
20	Oceanic and Atmospheric Administration;
21	(I) the Director of the United States Fish
22	and Wildlife Service; and
23	(J) the head of any other applicable agen-
24	cy, as determined by the Administrator;
25	(2) the Governor of California;

1	(3) the California Environmental Protection
2	Agency;
3	(4) the California State Water Resources Con-
4	trol Board;
5	(5) the California Department of Water Re-
6	sources;
7	(6) the Colorado River Basin Regional Water
8	Quality Control Board;
9	(7) the Imperial Irrigation District;
10	(8) the Salton Sea Authority;
11	(9) other public agencies and organizations with
12	authority for the planning and implementation of
13	conservation strategies relating to the New River in
14	the United States and Mexico, as determined by the
15	Administrator; and
16	(10) representatives of the North American De-
17	velopment Bank.
18	(d) Cooperative Agreements and Memoranda
19	of Understanding.—
20	(1) In general.—To achieve the purposes of
21	this title and to ensure effective coordination of Fed-
22	eral and non-Federal water quality restoration and
23	protection activities, the Administrator shall use
24	amounts made available for the border water infra-
25	structure program under section 301 and payments

1	received pursuant to paragraph (4)(A) to enter into
2	cooperative agreements and memoranda of under-
3	standing with, and provide technical assistance to—
4	(A) the heads of other Federal agencies,
5	States, State agencies, units of local govern-
6	ment, regional governmental bodies, and private
7	entities; and
8	(B) in cooperation with the Secretary, the
9	Government of Mexico.
10	(2) Use of agreements.—The Administrator
11	shall enter into the cooperative agreements and
12	memoranda of understanding described in paragraph
13	(1)—
14	(A) to carry out the activities described in
15	this section, including studies, plans, construc-
16	tion, and completion of projects to improve the
17	water quality of, environment of, and public
18	health around the New River; and
19	(B) to carry out a pilot project under
20	which the Administrator shall, for projects se-
21	lected by the Administrator that would other-
22	wise not be successful in improving the water
23	quality of, environment of, and public health of
24	people residing in areas surrounding the New
25	Biver—

1	(i) identify the parties responsible for
2	the projects; and
3	(ii) provide funds to those parties for
4	the operations and maintenance of the
5	projects.
6	(3) Term.—The cooperative agreements and
7	memoranda of understanding described in paragraph
8	(1) shall be limited to a specified period of time, as
9	determined by the Administrator.
10	(4) Financial arrangements.—
11	(A) IN GENERAL.—If the Administrator
12	enters into a cooperative agreement or memo-
13	randum of understanding described in para-
14	graph (1), the Administrator may require the
15	other party to the agreement or memorandum
16	to provide payment to the Administrator.
17	(B) Deposit.—Any amounts received as a
18	payment under subparagraph (A) shall be de-
19	posited into the State and Tribal Assistance
20	Grants account of the Environmental Protec-
21	tion Agency and shall remain available, without
22	further appropriation, to carry out the purposes
23	of this title.
24	(5) Personnel; services; technical assist-
25	ANCE.—The Administrator may provide or accept

1	personnel, services, and technical assistance pursu-
2	ant to a cooperative agreement or memorandum of
3	understanding described in paragraph (1), with or
4	without reimbursement, for the purposes of carrying
5	out the agreement or memorandum.
6	SEC. 204. WATER QUALITY PLAN.
7	(a) Development.—
8	(1) In general.—The Administrator, in con-
9	sultation with the entities described in section
10	203(c), shall develop a plan for the purpose of im-
11	proving and protecting the water quality of the New
12	River watershed.
13	(2) REQUIREMENTS.—The plan under para-
14	graph (1) shall—
15	(A) build on and incorporate any existing
16	efforts and plans to improve and protect the
17	water quality of the New River, whether ongo-
18	ing or completed; and
19	(B) include—
20	(i) such features as are needed to im-
21	prove and protect the quality of waste-
22	water, stormwater runoff, and other un-
23	treated flows;
24	(ii) criteria for selecting—

1	(I) water quality restoration and
2	protection projects; and
3	(II) projects on the priority list
4	under subsection (c)(1);
5	(iii) the amounts necessary for the op-
6	erations and maintenance of infrastructure
7	existing on and constructed after the date
8	of enactment of this Act; and
9	(iv) potential sources of funding to
10	help pay the costs described in clause (iii).
11	(3) Operations and maintenance fund-
12	ING.—
13	(A) IN GENERAL.—The Administrator,
14	working with the entities described in section
15	203(c), shall assess and identify potential alter-
16	native sources and approaches for financing in-
17	frastructure projects, including financing the
18	operations and maintenance of those infrastruc-
19	ture projects.
20	(B) Requirement.—In carrying out sub-
21	paragraph (A), the Administrator shall assess
22	the approaches identified in the report of the
23	Environmental Financial Advisory Board enti-
24	tled "Evaluating Stormwater Infrastructure

1	Funding and Financing" and dated March
2	2020.
3	(b) ISSUANCE; UPDATES.—The Administrator
4	shall—
5	(1) not later than 1 year after the date of en-
6	actment of this Act, issue the plan under subsection
7	(a)(1); and
8	(2) every 5 years after the date on which the
9	plan is issued under paragraph (1), update the plan
10	(c) Priority List.—
11	(1) In general.—The plan under subsection
12	(a)(1) shall include a priority list of potential or pro-
13	posed water quality restoration and protection
14	projects for the New River watershed that—
15	(A) provides for the management of waste-
16	water or stormwater or the removal of debris
17	sediment, chemicals, bacteria, and other con-
18	taminants from the water flowing north into the
19	United States;
20	(B) estimates the costs and identifies the
21	entities that will fund the construction, oper-
22	ation, and maintenance of each project on the
23	priority list;
24	(C) is developed in coordination with the
25	entities described in section 203(c);

1	(D) assists agencies to coordinate funding;
2	and
3	(E) identifies projects—
4	(i) in the New River watershed; and
5	(ii) that address transboundary flows
6	that affect coastal communities in and
7	near the New River watershed.
8	(2) Development.—In developing the priority
9	list under paragraph (1), the Administrator shall—
10	(A) use the best available science, includ-
11	ing any relevant findings and recommendations
12	of a watershed assessment conducted by Fed-
13	eral, State, and local agencies;
14	(B) carry out and fund science develop-
15	ment, monitoring, or modeling as needed to in-
16	form project development and assessment; and
17	(C) include, in order of priority, potential
18	or proposed water quality or stormwater
19	projects for the restoration and protection of
20	the New River that—
21	(i) would help—
22	(I) to achieve and maintain the
23	water quality standards for—
24	(aa) public health;

1	(bb) recreational opportuni-
2	ties;
3	(cc) scenic resources; and
4	(dd) wildlife and habitat;
5	and
6	(II) to address water needs in the
7	New River watershed, including
8	through water reuse and water recy-
9	cling; and
10	(ii) would identify responsible agencies
11	and funding sources through coordinated
12	efforts by the entities described in section
13	203(c).
14	SEC. 205. GRANTS, AGREEMENTS, AND ASSISTANCE.
15	(a) In General.—In order to carry out the purposes
16	of the program as described in section 201(b), the Admin-
17	istrator may—
18	(1) provide grants and technical assistance to
19	the Commissioner, State and local governments,
20	nonprofit organizations, and institutions of higher
21	education, in both the United States and Mexico;
22	and
23	(2) enter into interagency agreements with
24	other Federal agencies.

1	(b) Criteria.—The Administrator, in consultation
2	with the entities described in section 203(c), shall develop
3	criteria for providing grants and technical assistance and
4	entering into interagency agreements under subsection (a)
5	to ensure that activities carried out under an interagency
6	agreement or using those grants or technical assistance—
7	(1) accomplish 1 or more of the purposes iden-
8	tified in section 201(b); and
9	(2) advance the implementation of priority
10	projects identified under section 204(c).
11	(c) Cost Sharing.—The Administrator may estab-
12	lish a Federal share requirement for any project carried
13	out using any assistance proved under this section on an
14	individual project basis.
15	(d) Administration.—
16	(1) In General.—The Administrator may
17	enter into an agreement to manage the implementa-
18	tion of this section with the North American Devel-
19	opment Bank or a similar organization that offers
20	grant management services.
21	(2) Funding.—If the Administrator enters into
22	an agreement under paragraph (1), the organization
23	selected shall—
24	(A) for each fiscal year, receive amounts to
25	carry out this section in an advance payment of

- the entire amount on the date of enactment of an appropriations Act making appropriations to the Administrator for a fiscal year, or as soon as practicable thereafter; and
- (B) otherwise administer the implementation of this section to support partnerships between the public and private sectors in accordance with this title.
- 9 (e) Construction, Operation, and Mainte-10 Nance.—The Commissioner may construct, operate, and 11 maintain any project carried out using funds made avail-12 able to carry out this section.

13 SEC. 206. ANNUAL BUDGET PLAN.

14 The President, as part of the annual budget submis-15 sion of the President to Congress under section 1105(a) of title 31, United States Code, shall submit estimated ex-16 penditures and proposed appropriations for projects under 17 18 this title for the current year, budget year, and 5 outyears 19 (as those terms are defined in section 250(c) of the Bal-20 anced Budget and Emergency Deficit Control Act of 1985 21 (2 U.S.C. 900(c))), including for projects included in the priority list under section 204(c), for each Federal agency described in section 203(c)(1).

	45
1	SEC. 207. REPORTS.
2	Not later than 180 days after the date of enactment
3	of this Act, and every 2 years thereafter, the Adminis-
4	trator shall submit to Congress a report on the implemen-
5	tation of this title, including—
6	(1) a description of—
7	(A) each project that has received funding
8	pursuant to this title; and
9	(B) the status of all projects that have re-
10	ceived funding pursuant to this title that are in
11	progress on the date of submission of the re-
12	port; and
13	(2) an assessment of the effectiveness of the op-
14	eration and maintenance of each project that has
15	been carried out pursuant to this title.
16	TITLE III—BORDER WATER IN-
17	FRASTRUCTURE IMPROVE-
18	MENT
19	SEC. 301. UNITED STATES-MEXICO BORDER WATER INFRA-
20	STRUCTURE PROGRAM.
21	(a) DEFINITIONS—In this section:

- 22 (1) ELIGIBLE ENTITY.—The term "eligible entity" means the United States Section of the Inter-23 24 national Boundary and Water Commission, a State, 25 a local government, an Indian Tribe, or a water or 26 wastewater district with jurisdiction over any area in

1 the United States or Mexico that is located within 2 100 kilometers of the United States-Mexico border. 3 (2) Eligible Project.— 4 IN GENERAL.—The term "eligible project" means a project for the construction of 6 infrastructure for drinking water treatment or 7 distribution. wastewater management, 8 stormwater management, including natural and 9 green infrastructure and infrastructure for 10 water reuse and water recycling, that— 11 addresses an existing human 12 health or ecological issue; 13 (ii) has an effect in the United States; 14 (iii) with respect to wastewater man-15 agement infrastructure the water dis-16 charged from which will flow, directly or 17 indirectly, into the United States, is de-18 signed to meet, to the maximum extent 19 all relevant water quality practicable, 20 standards of the country in which the 21 project is located, including, for projects 22 located in the United States, any applica-23 ble standards established under the Fed-24 eral Water Pollution Control Act (33) 25 U.S.C. 1251 et seq.);

1	(iv) is proposed by an eligible entity
2	with legal authority—
3	(I) to develop the project;
4	(II) to provide the proposed
5	drinking water or wastewater services;
6	and
7	(III) to obtain necessary financ-
8	ing, including operations and mainte-
9	nance funding;
10	(v) will comply with relevant State
11	and local environmental and other laws
12	(including regulations), including with re-
13	spect to—
14	(I) obtaining any necessary oper-
15	ating permits and licenses; and
16	(II) complying with any other
17	regulatory requirements related to
18	land acquisition and rights-of-way;
19	and
20	(vi) has the support of appropriate
21	Mexican Federal and State agencies, in-
22	cluding the Comision Nacional de Agua
23	(commonly known as "CONAGUA" or the
24	Mexican National Water Commission) and

1	any appropriate State or municipal water
2	utility, if the project is located in Mexico.
3	(B) Exclusions.—The term "eligible
4	project" does not include a project—
5	(i) for new water supply;
6	(ii) that threatens an ecosystem lo-
7	cated in the United States, or that is lo-
8	cated in both the United States and Mex-
9	ico, if the project causes a reduction in the
10	flow of water; or
11	(iii) to provide drinking water, waste-
12	water, or stormwater services to enable
13	new development.
14	(3) Program.—The term "program" means
15	the program established under subsection (b).
16	(b) Establishment.—The Administrator shall
17	carry out a program to provide assistance to eligible enti-
18	ties for activities related to eligible projects, including fea-
19	sibility studies, planning studies, environmental assess-
20	ments, financial analyses, community participation efforts,
21	and architectural, engineering, planning, design, construc-
22	tion, and operations and maintenance activities.
23	(c) Consultation.—In carrying out the program,
24	the Administrator shall consult with the North American
25	Development Bank.

1	(d) Coordination.—In carrying out the program
2	the Administrator shall coordinate with Federal, State
3	local, and Tribal entities in the border region, including
4	the Department of Homeland Security, the International
5	Boundary and Water Commission, and relevant State
6	agencies.
7	(e) Project Selection.—
8	(1) In general.—In selecting projects for
9	which to provide assistance under the program, the
10	Administrator shall select projects in accordance
11	with—
12	(A) paragraph (2); and
13	(B) any other criteria determined appro-
14	priate by the Administrator.
15	(2) Prioritization.—In carrying out para-
16	graph (1), the Administrator shall prioritize projects
17	that—
18	(A) are identified in a plan developed pur-
19	suant to section 104 or 204; or
20	(B)(i) are likely to have the greatest posi-
21	tive effects relating to the environment and
22	public health;
23	(ii) will result in benefits on the United
24	States side of the United States-Mexico border

1	(iii) address the most urgent public health
2	and environmental needs, as determined by the
3	heads of the Regional offices for Regions 6 and
4	9 of the Environmental Protection Agency; and
5	(iv) maximize sustainable practices, such
6	as water reuse and water recycling, natural and
7	green infrastructure, water efficiency, and con-
8	servation.
9	(f) Terms and Conditions.—The Administrator
10	may establish such terms and conditions on assistance
11	provided under the program as the Administrator deter-
12	mines appropriate.
13	(g) Cost Share.—The Administrator may establish
14	a Federal share requirement for any project carried out
15	using any assistance proved under this section on an indi-
16	vidual project basis.
17	(h) REGIONAL ALLOCATIONS.—The amounts made
18	available to carry out this section shall be made available
19	in equal amounts for use by the Regional offices for Re-
20	gions 6 and 9 of the Environmental Protection Agency.
21	TITLE IV—MISCELLANEOUS
22	SEC. 401. ROLE OF THE COMMISSIONER AND INTER-
23	NATIONAL AGREEMENTS.
24	(a) Wastewater and Stormwater Authority.—
25	The Commissioner may study, design, construct, operate,

1	and maintain projects to manage, improve, and protect the
2	quality of wastewater, stormwater runoff, and other un-
3	treated flows in the Tijuana River watershed and the New
4	River watershed.
5	(b) TIJUANA AND NEW RIVER PROJECTS WITHIN
6	THE UNITED STATES.—The Secretary, acting through the
7	Commissioner, shall—
8	(1) construct, operate, and maintain projects
9	that—
10	(A) are on a priority list developed under
11	section 104(e) or 204(e);
12	(B) are within the United States; and
13	(C) improve the water quality of the Ti-
14	juana River watershed or the New River water-
15	shed, as applicable; and
16	(2) use available funds, including funds received
17	under this Act, to construct, operate, and maintain
18	the projects described in paragraph (1).
19	(c) AGREEMENTS WITH MEXICO.—The Secretary,
20	acting through the Commissioner, may execute an agree-
21	ment with the appropriate official or officials of the Gov-
22	ernment of Mexico for—
23	(1) the joint study and design of stormwater
24	control and water quality projects; and

1	(2) on approval of the necessary plans and
2	specifications of the projects described in paragraph
3	(1), the construction, operation, and maintenance of
4	those projects by the United States and Mexico, in
5	accordance with the treaty relating to the utilization
6	of the waters of the Colorado and Tijuana Rivers,
7	and of the Rio Grande (Rio Bravo) from Fort
8	Quitman, Texas, to the Gulf of Mexico, and supple-
9	mentary protocol, signed at Washington February 3,
10	1944 (59 Stat. 1219), between the United States
11	and Mexico.
12	(d) Funding.—A project located wholly or partially
13	within Mexico shall be eligible for funding under the pro-
14	gram established under section 301(b) if the project is—
15	(1) identified under and consistent with the re-
16	sults of the study under subsection $(c)(1)$; and
17	(2) approved pursuant to subsection $(c)(2)$.
18	(e) Savings Provision.—Nothing in this section
19	limits the authority of the International Boundary and
20	Water Commission under this Act or any other provision

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21 of law.