

AMENDMENT TO H.R. 6093
OFFERED BY MS. BONAMICI OF OREGON
and Mr. Posey of Florida

Add at the end of title I the following:

1 **SEC. 115. AMENDMENTS TO THE HARMFUL ALGAL BLOOMS**
2 **AND HYPOXIA RESEARCH AND CONTROL ACT**
3 **OF 1998.**

4 (a) ASSESSMENTS.—Section 603 of the Harmful
5 Algal Blooms and Hypoxia Research and Control Act of
6 1998 (33 U.S.C. 4001) is amended—

7 (1) in subsection (a)—

8 (A) by renumbering paragraphs (13) and
9 (14) as (14) and (15); and

10 (B) by inserting after paragraph (12) the
11 following new paragraph:

12 “(13) the Department of Energy;”.

13 (2) by striking subsections (b), (c), (d), (e), (h),
14 and (i) and redesignating subsections (f) and (g) as
15 subsections (b) and (c), respectively;

16 (3) in subsection (b), as so redesignated—

17 (A) in paragraph (1), by striking “coastal
18 waters including the Great Lakes” and insert-
19 ing “marine, estuarine, and freshwater sys-
20 tems”; and

1 (B) in paragraph (2)—

2 (i) by amending subparagraph (A) to
3 read as follows:

4 “(A) examine the causes and ecological
5 consequences of hypoxia on marine and aquatic
6 species in their natural environments, and
7 socio-cultural or economic costs of hypoxia, in-
8 cluding impacts on food safety and security;”;

9 (ii) by redesignating subparagraphs
10 (B) through (D) as subparagraphs (D)
11 through (F), respectively;

12 (iii) by inserting after subparagraph
13 (A) the following new subparagraphs:

14 “(B) examine the effect of other environ-
15 mental stressors on hypoxia;

16 “(C) evaluate alternatives for reducing,
17 mitigating, and controlling hypoxia and its envi-
18 ronmental impacts;”;

19 (iv) in subparagraph (D), as so redesi-
20 gnated, by inserting “, social,” after “eco-
21 logical”; and

22 (v) in subparagraph (E), as so redesi-
23 gnated, by striking “hypoxia modeling and
24 monitoring data” and inserting “hypoxia

1 modeling, forecasting, and monitoring and
2 observation data”; and

3 (4) in subsection (c), as so redesignated, by
4 mending such subsection to read as follows:

5 “(c) ACTION STRATEGY AND SCIENTIFIC ASSESS-
6 MENT FOR MARINE AND FRESHWATER HARMFUL ALGAL
7 BLOOMS.—

8 “(1) Not less often than once every five years,
9 the Task Force shall complete and submit to Con-
10 gress an action strategy, including a scientific as-
11 sessment, of harmful algal blooms in the United
12 States (in this Act referred to as the ‘Action Strat-
13 egy’). Each such Action Strategy, including scientific
14 assessment, shall examine both marine and fresh-
15 water harmful algal blooms, including those in the
16 Great Lakes and upper reaches of estuaries, those in
17 freshwater lakes and rivers, and those that originate
18 in freshwater lakes or rivers and migrate to coastal
19 waters.

20 “(2) Each Action Strategy under this sub-
21 section shall—

22 “(A) examine the causes and ecological
23 consequences, and the socio-cultural or eco-
24 nomic costs, including impacts food safety and
25 security, of harmful algal blooms;

1 “(B) examine the effect of other environ-
2 mental stressors on harmful algal blooms;

3 “(C) examine potential methods to prevent,
4 control, and mitigate harmful algal blooms and
5 the potential ecological, social, cultural, and
6 economic costs and benefits of such methods;

7 “(D) identify priorities for research needed
8 to advance techniques and technologies to de-
9 tect, predict, monitor, respond to, and minimize
10 the occurrence, duration, and severity of harm-
11 ful algal blooms, including recommendations to
12 eliminate significant gaps in harmful algal
13 bloom forecasting, monitoring, and observation
14 data;

15 “(E) evaluate progress made by, and the
16 needs of, Task Force activities and actions to
17 prevent, control, and mitigate harmful algal
18 blooms;

19 “(F) identify ways to improve coordination
20 and prevent unnecessary duplication of effort
21 among Federal departments and agencies with
22 respect to research on harmful algal blooms;
23 and

24 “(G) include regional chapters relating to
25 the requirements described in this paragraph in

1 order to highlight geographically and eco-
2 logically diverse locations with significant eco-
3 logical, social, cultural, and economic impacts
4 from harmful algal blooms.”.

5 (b) CONSULTATIONS.—Section 102 of the Harmful
6 Algal Bloom and Hypoxia Amendments Act of 2004 (33
7 U.S.C. 4001a) is amended—

8 (1) by striking “the coastal”;

9 (2) by inserting “and” after “Indian tribes,”;

10 (3) by inserting “and” after “local govern-
11 ments,”; and

12 (4) by striking “with expertise in coastal zone
13 science and management” and inserting “with rel-
14 evant expertise”.

15 (c) NATIONAL HARMFUL ALGAL BLOOM AND HY-
16 POXIA PROGRAM.—Section 603A of the Harmful Algal
17 Blooms and Hypoxia Research and Control Act of 1998
18 (33 U.S.C. 4002) is amended—

19 (1) in subsection (a)—

20 (A) in paragraph (1)—

21 (i) by striking “predicting,” and in-
22 serting “monitoring, observing, fore-
23 casting,”; and

24 (ii) by striking “and” after the semi-
25 colon;

1 (B) in paragraph (2)—

2 (i) by striking “comprehensive re-
3 search plan and action strategy under sec-
4 tion 603B” and inserting “the Action
5 Strategy, including scientific assessment,
6 under section 603(c)”; and

7 (ii) by striking the period and insert-
8 ing “; and”; and

9 (C) by adding at the end the following new
10 paragraph:

11 “(3) the scientific assessment under section
12 603(b).”;

13 (2) in subsection (c)—

14 (A) in paragraph (3), by striking “ocean
15 and Great Lakes” and inserting “marine, estu-
16 arine, and freshwater systems”; and

17 (B) in paragraph (5), by inserting “while
18 recognizing each agency is acting under its own
19 independent mission and authority” before the
20 semicolon;

21 (3) in subsection (d), by striking “Except as
22 provided in subsection (h), the” and inserting
23 “The”;

24 (4) in subsection (e)—

1 (A) by amending paragraph (2) to read as
2 follows:

3 “(2) examine, in collaboration with State and
4 local entities and Indian Tribes, including island
5 communities, low-population rural communities, In-
6 digenous communities, subsistence communities,
7 fisheries, and recreation industries that are most de-
8 pendent on coastal and water resources that may be
9 impacted by marine and freshwater harmful algal
10 blooms and hypoxia, the causes, ecological con-
11 sequences, cultural impacts, and social and economic
12 costs of harmful algal blooms and hypoxia;”;

13 (B) by striking paragraph (3);

14 (C) by redesignating paragraphs (4), (5),
15 and (6) as paragraphs (3), (4), and (5), respec-
16 tively;

17 (D) in paragraph (3), as so redesignated—

18 (i) by striking “to, regional” and in-
19 sserting “to regional”; and

20 (ii) by striking “agencies” and insert-
21 ing “entities, and regional coastal observ-
22 ing systems (as such term is defined in
23 section 12330(6) of the Integrated Coastal
24 and Ocean Observation System Act of
25 2009 (33 U.S.C. 3602(6)))”;

1 (E) in paragraph (5), as so redesignated,
2 by inserting “and communities” after “eco-
3 systems”;

4 (F) by inserting after paragraph (5) the
5 following new paragraph:

6 “(6) support sustained observations, including
7 through peer-reviewed, merit-based, competitive
8 grant funding, to provide State and local entities,
9 Indian Tribes, and others access to real-time or near
10 real-time observation data for decision-making to
11 protect human and ecological health and local econo-
12 mies;”;

13 (G) in paragraph (8), by striking “State
14 and local” and inserting “State, local, and Trib-
15 al”; and

16 (H) in paragraph (9)(A), by striking “trib-
17 al” and inserting “Tribal”;

18 (5) by amending subsections (f) and (g) to read
19 as follows:

20 “(f) COOPERATIVE EFFORTS.—The Under Secretary
21 shall work cooperatively with and avoid duplication of ef-
22 fort of other agencies on the Task Force, and with and
23 of States, Indian tribes, and nongovernmental organiza-
24 tions concerned with marine and freshwater issues, and

1 shall coordinate harmful algal bloom and hypoxia and re-
2 lated activities and research.

3 “(g) FRESHWATER AND ESTUARINE PROGRAM DU-
4 TIES.—

5 “(1) IN GENERAL.—The Administrator, in co-
6 ordination with the Task Force, shall carry out the
7 duties under subsection (e) for freshwater and estua-
8 rine aspects of the Program through the activities
9 authorized under section 603C.

10 ~~“(2) PARTICIPATION.—The Administrator’s~~
11 ~~participation under this section shall include the fol-~~
12 ~~lowing:~~

13 ~~“(A) Research on the ecology and human~~
14 ~~health impacts of freshwater estuarine harmful~~
15 ~~algal blooms and hypoxia events.~~

16 ~~“(B) Forecasting and monitoring of and~~
17 ~~event response to freshwater harmful algal~~
18 ~~blooms in lakes, rivers, estuaries (including~~
19 ~~tributaries thereof), and reservoirs.~~

20 ~~“(C) Developing and maintaining fore-~~
21 ~~casting and monitoring of, and event response~~
22 ~~to, freshwater harmful algal blooms in lakes,~~
23 ~~reservoirs, rivers, and estuaries (including trib-~~
24 ~~utaries thereof).~~

1 ~~“(D) Enhancing communication and co-~~
2 ~~ordination among Federal agencies carrying out~~
3 ~~freshwater harmful algal bloom and hypoxia ac-~~
4 ~~tivities and research.~~

5 ~~“(E) To the greatest extent practicable,~~
6 ~~leveraging existing resources and expertise~~
7 ~~available from local research universities and in-~~
8 ~~stitutions.~~

9 ~~“(F) Using cost effective methods in car-~~
10 ~~rying out this subsection.~~

11 “(3) NONDUPLICATION.—The Administrator
12 shall ensure that activities carried out under this
13 subsection focus on new approaches to addressing
14 freshwater harmful algal blooms and are not dupli-
15 cative of existing research and development pro-
16 grams authorized under this Act or any other law.”;
17 and

18 (6) by amending subsection (h) to read as fol-
19 lows:

20 “(h) ANTI-DEFICIENCY ACT APPLIED TO HARMFUL
21 ALGAL BLOOM SERVICES.—Any services by an officer or
22 employee under this title relating to the immediate devel-
23 opment and dissemination of the Harmful Algal Bloom
24 Operational Forecast System of the National Centers for
25 Coastal Ocean Science and the National Oceanic and At-

1 mospheric Administration shall be considered, for pur-
2 poses of section 1342 of title 31, United States Code, serv-
3 ices for emergencies involving the safety of human life or
4 the protection of property. Such consideration shall only
5 apply to areas with active harmful algal blooms during any
6 lapse in appropriations beginning on or after the date of
7 the enactment of this subsection.”.

8 (d) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN-
9 STRATION ACTIVITIES.—

10 (1) IN GENERAL.—The Harmful Algal Blooms
11 and Hypoxia Research and Control Act of 1998 is
12 amended by amending section 603B (33 U.S.C.
13 4003) to read as follows:

14 **“SEC. 603B. NATIONAL OCEANIC AND ATMOSPHERIC AD-
15 MINISTRATION ACTIVITIES.**

16 “(a) IN GENERAL.—The Under Secretary shall—

17 “(1) carry out marine, coastal, and Great
18 Lakes harmful algal bloom and hypoxia events re-
19 sponse activities;

20 “(2) develop and enhance operational harmful
21 algal bloom observing and forecasting programs, in-
22 cluding operational observations and forecasting,
23 monitoring, modeling, data management, and infor-
24 mation dissemination;

1 “(3) maintain and enhance peer-reviewed,
2 merit-based, competitive grant funding relating to
3 harmful algal blooms and hypoxia to—

4 “(A) maintain and enhance baseline moni-
5 toring programs established by the Program;

6 “(B) support the projects maintained and
7 established by the Program;

8 “(C) address the research and manage-
9 ment needs and priorities identified in the Ac-
10 tion Strategy under section 603(c);

11 “(D) accelerate the utilization of effective
12 methods of intervention and mitigation to re-
13 duce the frequency, severity, and impacts of
14 harmful algal bloom and hypoxia events;

15 “(E) identify opportunities to improve
16 monitoring of harmful algal bloom and hypoxia,
17 with a particular focus on coastal waters that
18 may affect fisheries, public health, or subsist-
19 ence harvest;

20 “(F) examine the effects of other environ-
21 mental stressors on harmful algal blooms and
22 hypoxia;

23 “(G) assess the effects of multiple environ-
24 mental stressors on living marine resources and
25 coastal ecosystems; and

1 “(H) evaluate adaptation and mitigation
2 strategies to address the impacts of harmful
3 algal blooms and hypoxia;

4 “(4) enhance communication and coordination
5 among Federal agencies carrying out marine and
6 freshwater harmful algal bloom and hypoxia activi-
7 ties and research;

8 “(5) to the greatest extent practicable, leverage
9 existing resources and expertise available from local
10 research universities and institutions; and

11 “(6) use cost effective methods in carrying out
12 this section.

13 “(b) INTEGRATED COASTAL AND OCEAN OBSERVA-
14 TION SYSTEM.—The collection of monitoring and observ-
15 ing data under this section shall comply with all data
16 standards and protocols developed pursuant to the Inte-
17 grated Coastal and Ocean Observation System Act of
18 2009 (33 U.S.C. 3601 et seq.). Such data shall be made
19 available through the system established under that Act.”.

20 (2) CLERICAL AMENDMENT.—The table of con-
21 tents in section 2 of the Coast Guard Authorization
22 Act of 1998 is amended by amending the item relat-
23 ing to section 603B to read as follows:

 “Sec. 603B. National Oceanic and Atmospheric Administration activities.”.

24 (e) ENVIRONMENTAL PROTECTION AGENCY ACTIVI-
25 TIES.—

1 (1) IN GENERAL.—The Harmful Algal Blooms
2 and Hypoxia Research and Control Act of 1998 is
3 amended by inserting after section 603B, as amend-
4 ed by subsection (d), the following new section:

5 **“SEC. 603C. ENVIRONMENTAL PROTECTION AGENCY AC-**
6 **TIVITIES.**

7 “The Administrator shall—

8 “(1) carry out research on the ecology and
9 human health impacts of freshwater harmful algal
10 blooms;

11 “(2) develop and maintain forecasting and mon-
12 itoring of, and event response to, freshwater harmful
13 algal blooms in lakes, reservoirs, rivers, and estu-
14 aries (including tributaries thereof);

15 “(3) enhance communication and coordination
16 among Federal agencies carrying out freshwater
17 harmful algal bloom and hypoxia activities and re-
18 search;

19 “(4) to the greatest extent practicable, leverage
20 existing resources and expertise available from local
21 research universities and institutions; and

22 “(5) use cost effective methods in carrying out
23 this section.”.

24 (2) CLERICAL AMENDMENT.—The table of con-
25 tents in section 2 of the Coast Guard Authorization

1 Act of 1998 is amended by inserting after the time
2 relating to section 603B, as amended by subsection
3 (e), the following new item:

“Sec. 603C. Environmental Protection Agency activities.”.

4 (f) NATIONAL HARMFUL ALGAL BLOOM AND HY-
5 POXIA OBSERVING NETWORK.—

6 (1) IN GENERAL.—The Harmful Algal Blooms
7 and Hypoxia Research and Control Act of 1998 is
8 amended by amending section 606 (33 U.S.C. 4005)
9 to read as follows:

10 **“SEC. 606. NATIONAL HARMFUL ALGAL BLOOM OBSERVING**
11 **NETWORK.**

12 “(a) IN GENERAL.—The Under Secretary, acting
13 through the National Centers for Coastal Ocean Science
14 (NCCOS) and the Integrated Ocean Observing System
15 (IOOS) of the National Oceanic and Atmospheric Admin-
16 istration, shall integrate Federal, State, regional, and local
17 observing capabilities to establish a national network of
18 harmful algal bloom observing systems for the monitoring,
19 detection, and forecasting of harmful algal blooms by
20 leveraging the capacity of IOOS regional associations, in-
21 cluding through the incorporation of emerging tech-
22 nologies and new data integration methods, such as artifi-
23 cial intelligence.

24 “(b) COORDINATION.— In carrying out subsection
25 (a), the IOOS Program Office shall—

1 “(1) coordinate with NCCOS regarding obser-
2 vations, data integration, and information dissemi-
3 nation; and

4 “(2) establish a Harmful Algal Bloom Data As-
5 sembly Center to integrate, disseminate, and provide
6 a central architecture to support ecological fore-
7 casting.”.

8 (2) CLERICAL AMENDMENT.—The table of con-
9 tents in section 2 of the Coast Guard Authorization
10 Act of 1998 is amended by amending the item relat-
11 ing to section 606 to read as follows:

“Sec. 606. National harmful algal bloom observing network.”.

12 (g) DEFINITIONS.—Section 609 of the Harmful Algal
13 Blooms and Hypoxia Research and Control Act of 1998
14 (33 U.S.C. 4008) is amended—

15 (1) in paragraph (1), by striking “means the
16 comprehensive research plan and action strategy es-
17 tablished under section 603B” and inserting “means
18 the action strategy, including scientific assessment,
19 for marine and freshwater harmful algal blooms es-
20 tablished under section 603(c)”;

21 (2) by amending paragraph (3) to read as fol-
22 lows:

23 “(3) APPROPRIATE FEDERAL OFFICIAL.—The
24 term ‘appropriate Federal official’ means—

1 “(A) in the case of marine systems or
2 Great Lakes hypoxia or harmful algal bloom
3 event, including those in estuarine areas, the
4 Under Secretary of Commerce for Oceans and
5 Atmosphere; and

6 “(B) in the case of a freshwater hypoxia or
7 harmful algal bloom event, the Administrator of
8 the Environmental Protection Agency, in con-
9 sultation with the Under Secretary of Com-
10 merce for Oceans and Atmosphere.”.

11 (3) by striking paragraph (9);

12 (4) by redesignating paragraphs (4), (5), (6),
13 (7), and (8) as paragraphs (6), (7), (9), (10), and
14 (11);

15 (5) by inserting after paragraph (3) the fol-
16 lowing new paragraphs:

17 “(4) HARMFUL ALGAL BLOOM; HARMFUL
18 ALGAL BLOOM AND HYPOXIA EVENT.—

19 “(A) HARMFUL ALGAL BLOOM.—The term
20 ‘harmful algal bloom’ means marine or fresh-
21 water algae or macroalgae, including
22 Sargassum, that proliferate to high concentra-
23 tions, resulting in nuisance conditions or harm-
24 ful impacts on marine and freshwater eco-
25 systems, communities, or human health through

1 the production of toxic compounds or other bio-
2 logical, chemical, or physical impacts of the
3 algae outbreak.

4 “(B) HARMFUL ALGAL BLOOM AND HY-
5 POXIA EVENT.—The term ‘harmful algal bloom
6 and hypoxia event’ means the occurrence of a
7 harmful algal bloom or hypoxia as a result of
8 a natural, anthropogenic, or undetermined
9 cause.

10 “(5) HARMFUL ALGAL BLOOM OR HYPOXIA
11 EVENT OF SIGNIFICANCE.—The term ‘harmful algal
12 bloom or hypoxia event of significance’ means a
13 harmful algal bloom or hypoxia event that has had
14 or will likely have significant detrimental environ-
15 mental, economic, social, subsistence use, or public
16 health impacts.”;

17 (6) in paragraph (6), as so redesignated—

18 (A) by striking “aquatic” and inserting
19 “marine or freshwater”; and

20 (B) by striking “resident” and inserting
21 “marine or freshwater”; and

22 (7) by inserting after paragraph (7), as so re-
23 designated, the following new paragraph:

24 “(8) SUBSISTENCE USE.—The term ‘subsist-
25 ence use’ means the customary and traditional use

1 of fish, wildlife, or other freshwater, coastal, or ma-
2 rine resources by any individual or community to
3 meet personal or family needs, including essential
4 economic, nutritional, or cultural applications.”.

5 (h) AUTHORIZATION OF APPROPRIATIONS.—Section
6 610 of the Harmful Algal Blooms and Hypoxia Research
7 and Control Act of 1998 (33 U.S.C. 4009) is amended—

8 (1) by amending subsection (a) to read as fol-
9 lows:

10 “(a) IN GENERAL.—There is authorized to be appro-
11 priated to the Under Secretary to carry out this title
12 \$27,500,000 for each of fiscal years 2024 through 2028.”;
13 and

14 (2) by adding at the end the following new sub-
15 section:

16 “(c) TRANSFER AUTHORITY.—The Under Secretary
17 is authorized to make a direct non-expenditure transfer
18 of funds authorized to be appropriated pursuant to sub-
19 section (a) to the head of any Federal department or agen-
20 cy, with the concurrence of such head, to carry out, as
21 appropriate, relevant provisions of this title.”.

22 (i) NATIONAL LEVEL INCUBATOR PROGRAM; HARM-
23 FUL ALGAL BLOOM OR HYPOXIA EVENT OF SIGNIFI-
24 CANCE.—

1 (1) IN GENERAL.—The Harmful Algal Blooms
2 and Hypoxia Research and Control Act of 1998 is
3 amended by adding at the end the following new sec-
4 tion:

5 **“SEC. 611. NATIONAL LEVEL INCUBATOR PROGRAM.**

6 “(a) IN GENERAL.—The Under Secretary, in collabo-
7 ration with research universities and institutions, shall es-
8 tablish a national level incubator program to increase the
9 number of available control strategies and technologies re-
10 lating to harmful algal blooms. Such incubator shall estab-
11 lish a framework for preliminary assessments of novel
12 harmful algal bloom prevention, mitigation, and control
13 technologies in order to determine the potential for effec-
14 tiveness and scalability.

15 “(b) OPERATION.—The incubator under subsection
16 (a) shall provide merit-based funding for harmful algal
17 bloom control strategies and technologies that eliminate
18 or reduce through biological, chemical, or physical means
19 the levels of harmful algae and associated toxins.

20 “(c) DATABASE.—The incubator under subsection (a)
21 shall include a database to catalog the licensing and per-
22 mitting requirements, economic costs, feasibility, effective-
23 ness, and scalability of both novel and established preven-
24 tion, control, and mitigation measures.

1 “(d) PRIORITIZATION.—In carrying out the incubator
2 under subsection (a), the Under Secretary shall prioritize
3 proposed activities that would, to the maximum extent
4 practicable—

5 “(1) protect key habitats for fish and wildlife;

6 “(2) maintain biodiversity;

7 “(3) protect public health;

8 “(4) protect coastal resources of national, his-
9 torical, and cultural significance; or

10 “(5) seek to partially or fully benefit commu-
11 nities of color, low-income communities, Indian
12 Tribes or Indigenous communities, and rural com-
13 munities.”.

14 (2) CLERICAL AMENDMENTS.—The table of
15 contents in section 2 of the Coast Guard Authoriza-
16 tion Act of 1998 is amended by inserting after the
17 item relating to section 610 the following new item:

“Sec. 611. National level incubator program.”.

18 (j) HARMFUL ALGAL BLOOM OR HYPOXIA EVENT OF
19 SIGNIFICANCE.—Subsection (g) of section 9 of the Na-
20 tional Integrated Drought Information System Authoriza-
21 tion Act of 2018 (33 U.S.C. 4010) is amended—

22 (1) in paragraph (1)—

23 (A) in subparagraph (B), by adding at the
24 end the following new sentence: “The appro-
25 priate Federal official may waive the non-Fed-

1 eral share requirements of this subsection if
2 such official determines no reasonable means
3 are available through which the recipient of the
4 Federal share can meet the non-Federal share
5 requirement.”; and

6 (B) by adding at the end the following new
7 subparagraph:

8 “(D) CONTRACT, GRANT, AND COOPERA-
9 TIVE AGREEMENT AUTHORITY.—The Under
10 Secretary may enter into agreements and
11 grants with States, Indian Tribes, local govern-
12 ments, or other entities to pay for or reimburse
13 costs incurred for the purposes of supporting
14 the determination of and assessing the environ-
15 mental, economic, social, subsistence use, and
16 public health effects of a harmful algal bloom or
17 hypoxia event of significance.”;

18 (2) in paragraph (2)(A), by inserting “, leader-
19 ship official of an affected Indian Tribe, the execu-
20 tive official of the District of Columbia, or a terri-
21 tory or possession of the United States, including
22 Puerto Rico, the Virgin Islands, Guam, the Com-
23 monwealth of the Northern Mariana Islands, and
24 the Trust Territories of the Pacific Islands, and
25 American Samoa, if affected,” after “State”; and

1 (3) by adding at the end the following new
2 paragraph:

3 “(4) FUNDING AUTHORITY.—To carry out this
4 subsection, notwithstanding any other provision of
5 law, there is authorized to be appropriated from the
6 amounts made available to the Under Secretary
7 \$2,000,000, to remain available until expended.”.

8 (k) PROTECT FAMILIES FROM TOXIC ALGAL
9 BLOOMS.—Section 128 of the Water Resources Develop-
10 ment Act of 2020 (33 U.S.C. 610 note) is amended—

11 (1) by redesignating subsection (e) as sub-
12 section (f); and

13 (2) by inserting after subsection (d) the fol-
14 lowing new subsection:

15 “(e) HARMFUL ALGAL BLOOM TECHNOLOGIES.—In
16 carrying out the demonstration program under subsection
17 (a), the Secretary may enter into agreements with water
18 and irrigation districts located in the focus areas described
19 in subsections (c) and (d) for the use or sale of any new
20 technologies developed under the program to expedite the
21 removal of harmful algal blooms in such areas.”.

