

112TH CONGRESS  
1ST SESSION

# S. 471

To require the Secretary of the Army to study the feasibility of the hydrological separation of the Great Lakes and Mississippi River Basins.

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## IN THE SENATE OF THE UNITED STATES

MARCH 3, 2011

Ms. STABENOW (for herself, Mr. DURBIN, Mr. BROWN of Ohio, Mr. SCHUMER, Ms. KLOBUCHAR, Mr. LEVIN, and Mrs. GILLIBRAND) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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## A BILL

To require the Secretary of the Army to study the feasibility of the hydrological separation of the Great Lakes and Mississippi River Basins.

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.**

4 This Act may be cited as the “Stop Asian Carp Act  
5 of 2011”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

8 (1) CAWS.—The term “CAWS” means the  
9 Chicago Area Water System.

1           (2) DIRECTOR.—The term “Director” means  
2 the Director of the United States Geological Survey.

3           (3) HYDROLOGICAL SEPARATION.—The term  
4 “hydrological separation” means a physical separa-  
5 tion on the CAWS that—

6                   (A) would disconnect the Mississippi River  
7 from Lake Michigan; and

8                   (B) shall be designed to be adequate in  
9 scope to prevent the transfer of aquatic species  
10 between each of those bodies of water.

11           (4) SECRETARY.—The term “Secretary” means  
12 the Secretary of the Army, acting through the Chief  
13 of Engineers.

14           (5) STUDY.—The term “study” means the fea-  
15 sibility study described in section 101(a).

## 16       **TITLE I—FEASIBILITY STUDY**

### 17       **SEC. 101. FEASIBILITY STUDY.**

18           (a) IN GENERAL.—Not later than 30 days after the  
19 date of enactment of this Act, the Secretary, pursuant to  
20 section 206 of the Flood Control Act of 1958 (Public Law  
21 85–500; 72 Stat. 317), shall initiate a study of the water-  
22 sheds of the following rivers (including the tributaries of  
23 the rivers) that drain directly into Lake Michigan:

24                   (1) The Illinois River, at and in the vicinity of  
25 Chicago, Illinois.

1           (2) The Chicago River in the State of Illinois.

2           (3) The Calumet River in the States of Illinois  
3           and Indiana.

4           (b) PURPOSE OF STUDY.—The purpose of the study  
5 shall be to determine the feasibility and best means of im-  
6 plementing the hydrological separation of the Great Lakes  
7 and Mississippi River Basins to prevent the introduction  
8 or establishment of populations of aquatic nuisance spe-  
9 cies between the Great Lakes and Mississippi River Basins  
10 through the CAWS and other aquatic pathways.

11          (c) REQUIREMENTS OF STUDY.—

12           (1) OPTIONS.—The study shall include options  
13           to address—

14                   (A) flooding;

15                   (B) Chicago wastewater and stormwater  
16           infrastructure;

17                   (C) waterway safety operations; and

18                   (D) barge and recreational vessel traffic al-  
19           ternatives, which shall include—

20                           (i) examining other modes of trans-  
21                           portation for cargo and CAWS users; and

22                           (ii) creating engineering designs to  
23                           move canal traffic from 1 body of water to  
24                           another body of water without transferring  
25                           aquatic species.

1           (2) COST-BENEFIT ANALYSIS.—The study shall  
2           contain a detailed analysis of the environmental ben-  
3           efits and costs of each option described in paragraph  
4           (1).

5           (3) ASSOCIATION WITH OTHER STUDY.—The  
6           study shall be conducted in association with the  
7           study required under section 3061(d) of the Water  
8           Resources Development Act of 2007 (Public Law  
9           110–114; 121 Stat. 1121).

10           (4) CONSULTATION.—In conducting the study,  
11           the Secretary shall consult with any relevant expert  
12           or stakeholder knowledgeable on the issues of  
13           hydrological separation and aquatic nuisance species.

14           (d) DEADLINE.—The Secretary shall complete the  
15           study by not later than the date that is 18 months after  
16           the date of enactment of this Act.

17 **SEC. 102. REPORT.**

18           (a) IN GENERAL.—The Secretary shall prepare a re-  
19           port on the waterways described in section 101(a) in ac-  
20           cordance with—

21           (1) the purpose described in section 101(b); and  
22           (2) each requirement described in section  
23           101(c).

24           (b) DEADLINES.—The Secretary shall submit to Con-  
25           gress and the President—

1           (1) not later than 180 days after the date of  
2           enactment of this Act, an initial report under this  
3           section;

4           (2) not later than 1 year after the date of en-  
5           actment of this Act, an interim report under this  
6           section; and

7           (3) not later than 18 months after the date of  
8           enactment of this Act, a final report under this sec-  
9           tion.

10 **SEC. 103. FEDERAL EXPENSE REQUIREMENT.**

11           The Secretary shall carry out this Act at full Federal  
12           expense.

13 **SEC. 104. PRESIDENTIAL OVERSIGHT.**

14           The President, or the Council on Environmental  
15           Quality, acting as a designee of the President, shall over-  
16           see the study to ensure the thoroughness and timely com-  
17           pletion of the study.

18                           **TITLE II—RESPONSE TO**  
19                           **ADDITIONAL THREATS**

20 **SEC. 201. RESPONSE.**

21           (a) **MONITORING CONNECTING WATERS.**—To iden-  
22           tify additional threats that could allow Asian Carp to enter  
23           the Great Lakes Basin, the Director, in cooperation with  
24           the Director of the United States Fish and Wildlife Serv-  
25           ice, shall monitor and survey all waters that connect to

1 the Great Lakes Basin or could connect to the Great  
2 Lakes Basin due to—

- 3 (1) flooding;
- 4 (2) underground hydrological connection; or
- 5 (3) human-made diversion.

6 (b) RESPONSE TO ADDITIONAL THREATS.—As soon  
7 as practicable after the date of identification of a threat  
8 under subsection (a), the Director, in cooperation with the  
9 Director of the United States Fish and Wildlife Service,  
10 shall—

- 11 (1) prioritize each threat; and
- 12 (2) help identify means to impede the passage  
13 of Asian Carp to the Great Lakes Basin.

14 (c) CONSULTATION WITH OTHER ACTORS.—In car-  
15 rying out subsections (a) and (b), the Director, in coopera-  
16 tion with the Director of the United States Fish and Wild-  
17 life Service, shall consult with each relevant—

- 18 (1) Federal agency;
- 19 (2) State; and
- 20 (3) stakeholder.

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