

Asian Carp Regional Coordinating Committee

Bill Bolen, Senior Advisor, USEPA Mike Weimer, USFWS October 1, 2019







ACRCC

Purpose:

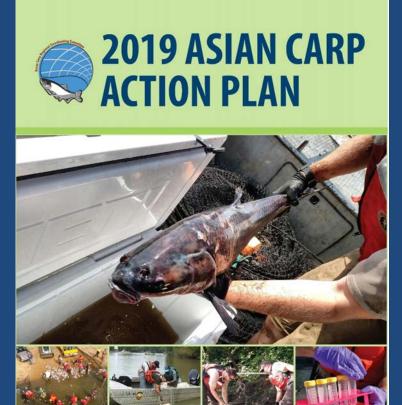
"To prevent the introduction, establishment, and spread of Bighead, Black, Grass, and Silver Carp populations in the Great Lakes"



Partnership Planning

2019 Action Plan

- Comprehensive approach to Great Lakes defense
 Detection
 Management (Prevention and Control)
 Response
- Supports the annual Illinois Waterway Monitoring and Response Plan
- Supports goals of the National Asian Carp Plan



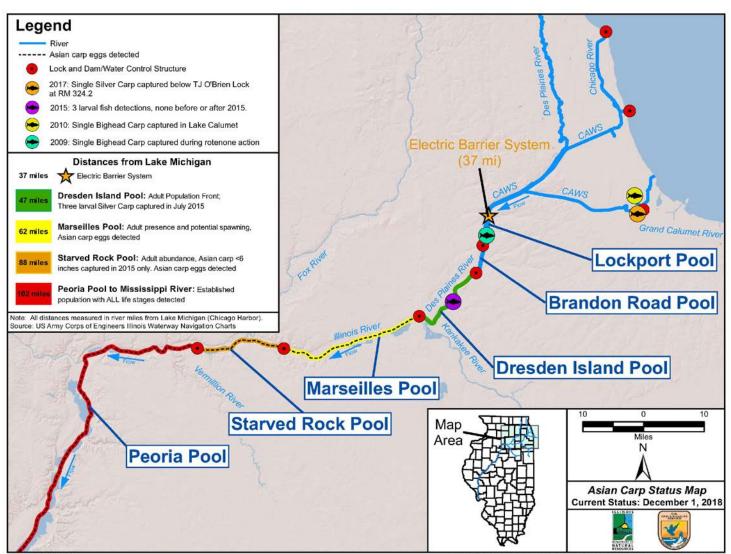
Asian Carp Regional Coordinating Committee



Mission: *Prevent the introduction, spread and establishment of Asian carp in the Great Lakes*



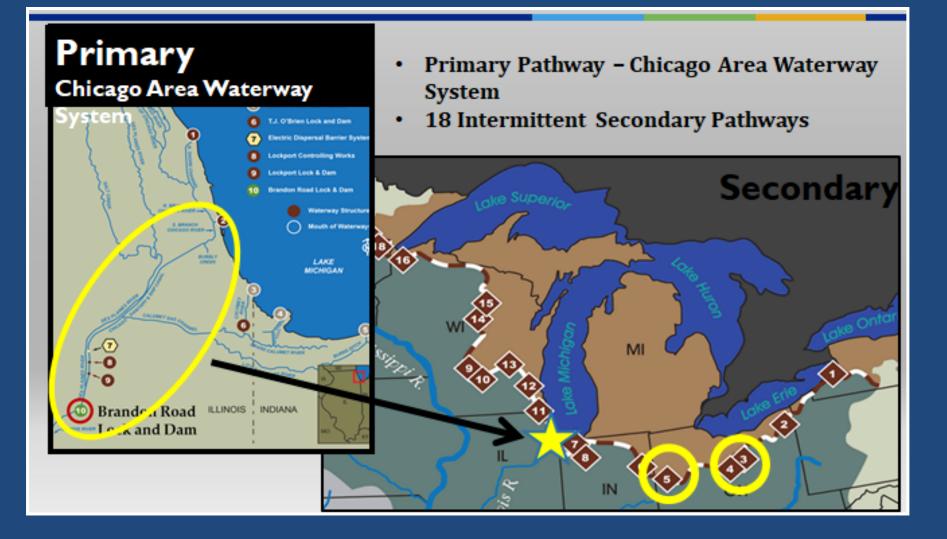
Asian Carp Range from Lake Michigan



Date Saved: 12/14/2018

Coordinate System NAD 1983 StatePlane Blance East FIPS 1201 Fest Projection Transverse Mercetor: Datum North American 1983. Units: Foot U

Prevention Focused on Potential Basin Entry Pathways





2019 Action Plan Key Initiatives

Prevention

- New Electric Dispersal Barrier
- Potential Future AIS Control Actions at Brandon Road
- Addressing Secondary Interbasin Pathways

Control Measures

 Increased Use of Targeted Contract Commercial Harvest







2019 Action Plan Key Initiatives

New Control Technology Development

- Pilot Trials for Underwater
 Sound Deterrents
- Development of CO2 as an Asian Carp Barrier

Early Detection, Monitoring, and Assessment

- Monitoring Upstream/Downstream of Electric Dispersal Barrier
- Comprehensive eDNA Monitoring







2019 Action Plan Key Initiatives

Rapid Response Actions

 Interagency Contingency Response Planning

Emerging Threats - Black and Grass Carp

 Development of New Prevention and Control Strategies

Interbasin Collaboration

Coordination and Leveraging Across
 Basinwide Partnerships





2019 Action Plan Funding

Prevention

\$2.7M GLRI, \$19.0 M Agency Funding

- Electrical Barrier Dispersal System
- Other Pathway Closures (Little Killbuck Creek)

Control

Asian Carp Removal Actions

Monitoring

\$2.7M GLRI, \$0.3 Agency Funding

\$6.5M GLRI, \$6.4 Agency Funding

- Great Lakes monitoring
- Monitoring Above and Below the EDBS

Control Technology

- Acoustic Deterrents
- CO2
- •Black Carp
- Monitoring, Assessment and Control
- •Grass Carp
- Response and Monitoring

\$7.2M GLRI, \$2.8M Agency Funding

\$0.7M GLRI, \$0.2 Agency Funding

\$0.9 GLRI, \$1.4 Agency Funding



2019 Action Plan Funding

Agency	Total GLRI Funding	Total Agency Funding
USACE	\$4,084,180	\$19,120,000
USCG	\$20,000	\$15,000
USFWS	\$4,422,800	\$6,400,000
USGS	\$5,023,005	\$4,432,698
NOAA	\$105,000	\$17,250
Illinois DNR	\$6,343,015	\$200,000
Michigan DNR	\$300,000	\$250,000
Ohio DNR	\$1,182,000	\$0
Total	\$21,000,000	\$30,434,948

For more information visit www.AsianCarp.us



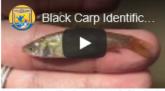
Welcome

Welcome to AsianCarp.us, where you can find up-to-date information on ongoing efforts to prevent Asian carp from becoming established in the Great Lakes and beyond. We invite you to learn more about the work of federal, provincial, state and local partners as we join together to prevent the spread of these destructive fish.

Working Together Across the United States and Canada



Recent News



Black carp identification video. U.S. Fish and Wildlife Service.



Water sampling tubes for eDNA testing. Photo by Monica Blaser/USFWS.



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New black carp identification video now available

September 10, 2019

The U.S. Fish and Wildlife Service is pleased to announce the first black carp identification video that teaches viewers how to identify black carp using grass carp as a point of comparison.

Read more about the release of the black carp identification video »

Michigan continues early detection efforts for invasive carp July 2, 2019

Results are in for the first round of environmental DNA testing for invasive bighead and silver carp in tributaries of Lake Michigan. None of the 336 water samples collected in the Kalamazoo River, Spring Lake and Lake Macatawa tested positive for the genetic material of invasive carp.

Read more about Michigan's early detection efforts »

Asian Carp Regional Coordinating Committee Releases 2019 Asian Carp Action Plan

April 29, 2019

Mike Weimer, USFWS ACRCC Co-chair mike__weimer@fws.gov (703) 517-7624

Brandon Road Study Recommended Plan

Boat Launches, Upstream and Downstream

Flushing Lock

Engineering Channel extends from existing walls, Acoustic Fish Deterrent

Support Facilities

Fish Entrainment Deterrent Dresden Island Pool

Electric Dispersal Barrier in Engineering Channel **Boat Launches:** Provides access for nonstructural measures, safety and OMRR&R.

Flushing Lock: Flushes floating life stages from the Lock.

Acoustic Fish Deterrent: Underwater sounds to deter targeted fish

Engineering Channel: Creates a concrete channel without fish habitat. Increases the effectiveness and reduces the impacts of some measures and is a platform for future technologies.

Electric Dispersal Barrier: Creates an electric field that deters fish.

Fish Entrainment Deterrent: Bubble curtain removes small and stunned fish entrained in spaces between barges.

Support Facilities: Infrastructure to support operations and maintenance of controls.