



ACRCC Monitoring and Response Workgroup *August Summary*

Bottom Line: Monitoring occurred in the Chicago Area Waterway System (CAWS) and upper Illinois Waterway upstream and downstream of the Dispersal Barrier in July. **NO BIGHEAD OR SILVER CARP** were reported captured or observed upstream of the Barrier, nor were any found in new locations downstream of the Barrier.

Alternate Pathway Surveillance-Urban Pond Monitoring

August 1, 2013

Five Asian carp crew members and biologists from the Forest Preserve District of Cook County set 1000 yards of gill and trammel net in Flatfoot Lake in Chicago. Electrofishing, along with pounding on boats, was used to drive fish into nets. Total soak time for all nets was approximately 3.5 hours. One bighead carp was captured, weighing 82 lbs and measuring 53 inches in length. A replica of this fish will be made for outreach and educational events. Four common carp and 1 grass carp were also netted. **There is no connection to Lake Michigan from Flatfoot Lake.**



August 5, 2013

Four Asian carp crew members and biologists from the Forest Preserve District of Cook County set 1200 yards of gill and trammel net in Powderhorn Lake in Chicago. Total soak time for all nets was approximately 5 hours. Two common carp, 1 largemouth bass and 1 northern pike were netted. No Asian carp were collected or observed.

August 6, 2013

Two Asian carp crew members set 600 yards of gill and trammel net in Lake Shermerville in Northbrook. Total soak time for all nets was approximately 4 hours. One hundred twenty-five common carp, 5 grass carp, 2 goldfish and 1 carp x goldfish hybrid were netted. No Asian carp were collected or observed.

Fixed and Random Site Sampling Upstream of the Dispersal Barrier

Site 1: Lake Calumet

Site 2: Little Calumet River

Site 3: Chicago Sanitary and Ship Canal near Western Ave. and South Branch Chicago River

Site 4: North Branch Chicago River and North Shore Channel

Site 5: North Shore Channel

Area 1: Lake Calumet Connecting Channel and Calumet River above O'Brien Lock

Area 2: Calumet-Sag Channel

Area 3: Chicago Sanitary and Ship Canal, Western Ave. to Dispersal Barrier

Area 4: North Shore Channel, North Branch Chicago River and Chicago River

- Two crews from the USFWS completed 30 15-minute electrofishing runs at five fixed sites (7.5 hours total) and 16 15-minute runs at randomly selected locations within the four random areas upstream of the Dispersal Barrier (4 hours total) during the week of August 26.
- Two contracted commercial fishing crews and assisting IDNR biologists set 3.1 miles of net (27 sets) at the five fixed sites and 2.2 miles of net (19 sets) at random sites upstream of the Barrier during the week August 5.
- Two contracted commercial fishing crews and assisting IDNR biologists set 3.1 miles of net (27 sets) at the five fixed sites and 2.2 miles of net (19 sets) at random sites upstream of the Barrier during the week August 19.
- No Bighead or Silver Carp were reported captured or seen above the Dispersal Barrier.

Fixed and Random Site Sampling Downstream of the Dispersal Barrier

Site A: Lockport Pool – Lockport Lock and Dam to Electric Barrier

Site B: Brandon Road Pool – Brandon Road Lock and Dam to Lockport Lock and Dam

Site C: Dresden Island Pool – I-55 Bridge to Brandon Road Lock and Dam

Site D: Marseilles Pool – Rt. 47 Bridge (Morris) to Dresden Lock and Dam

- Crews from IDNR, U.S. Army Corps of Engineers (USACE), and U.S. Fish and Wildlife Service (USFWS) completed 32 electrofishing runs at fixed locations (8 hours total) and 32 runs at randomly selected locations (8 hours total) in the Lockport, Brandon Road, Dresden Island, and Marseilles pools downstream of the Barrier during the weeks of August 5 and August 19.
- No Bighead or Silver Carp were reported captured or seen in the Lockport, Brandon Road, or Dresden Island pools. During fixed and random electrofishing in the month of August, 32 Silver Carp were captured at fixed sites and 8 Silver Carp were captured at random sites in the Marseilles pool. No Bighead Carp were captured in the Marseilles pool while electrofishing.
- Two contracted commercial fishing crews and assisting IDNR biologists set 3.64 miles of net (32 sets) at the four fixed sites and 3.64 miles of net (32 sets) at random sites within the four pools downstream of the Barrier during the weeks of August 5 and August 19. Five Silver Carp were collected at fixed sites in the Marseilles pool near Morris. During random site netting in the Dresden Island pool, 1 Bighead Carp was collected downstream of the Des Plaines-Kankakee Confluence on the left descending bank. Bighead Carp are occasionally collected in that same location during Barrier Defense removal efforts.
- Crews from IDNR set and pulled hoop nets (6' diameter) in Lockport, Brandon Road, Dresden Island, and Marseilles pools downstream of the barrier during the week of August 26. No Bighead or Silver Carp were captured.
- IDNR crews set and pulled minnow fyke nets in Lockport, Brandon Road, Dresden Island, and Marseilles pools downstream of the barrier during the week of August 26. No bighead or silver carp were captured in minnow fyke nets.

Barrier Defense

Barrier defense was conducted the weeks of the 6th and 13th during the month of August. The 2013 Barrier Defense commercial fishing has been ongoing since March 11th. Seventeen barrier defense weeks have been schedule for 2013. Below is a quick summary of the activities for 2013.

QUICK SUMMARY:		
Number of Days Fished	40	days
Number of Net Crews	200	crew-days
Miles of Nets Fished	206.3	Miles
Number of Bighead Carp	8534	Fish
Number of Silver Carp	17770	Fish
Number of Grass Carp	157	Fish
Number of Asian Carp (AC)	26461	Fish
Tons of AC Harvested	156.0	Tons
CPUE: Number of Asian Carp/ 1,000 yards net	73	Fish