

## Asian Carp Sampling Summary

A sampling summary for the week of March 19, 2012 is included below.

**Bottom Line:** Monitoring occurred in the CAWS and upper Illinois Waterway at and downstream of the Dispersal Barrier. NO BIGHEAD OR SILVER CARP were reported captured or observed in the CAWS nor were any found in new locations downstream of the Barrier.

### Barrier Defense Asian Carp Removal Project

**Dresden Island Pool:** 10-24 miles downstream from Dispersal Barrier

**Marseilles Pool:** 24-51 miles downstream from Dispersal Barrier

**Starved Rock Pool:** 51-65 miles downstream from Dispersal Barrier.

Contracted commercial fishers and assisting IDNR biologists set 16.8 miles of net in the Starved Rock, Marseilles, and Dresden Island pools of the upper Illinois Waterway and removed 1,527 bighead carp, 1,513 silver carp, and 6 grass carp. A cumulative summary of the removal effort to date is shown in the table below.

<b>QUICK SUMMARY THROUGH: 23 March 2012</b>		
<b>Number of Days Fished</b>	8	days
<b>Number of Net Crews</b>	40	crew-days
<b>Miles of Nets Fished</b>	31.9	miles
<b>Number of Bighead Carp</b>	2,884	fish
<b>Number of Silver Carp</b>	5,661	fish
<b>Number of Grass Carp</b>	17	fish
<b>Number of Asian Carp (AC)</b>	8,562	fish
<b>Tons of AC Harvested</b>	51.7	tons
<b>CPUE (N/1,000 Yards of Net)</b>	153	fish

### Fixed sites Fixed Sites 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

IDNR and USACE completed four 15-min electrofishing transects at each downstream fixed site. Contracted commercial net sampling is scheduled to occur the week of March 26. No bighead or silver carp were reported captured or seen.

### Remote Sensing Transects at the Barrier

SIUC conducted two remote sensing surveys between the high-field electric array of Barrier 2A and Barrier 1. Each survey consisted of three transects using a combination of side-looking split-beam hydroacoustics and side-scan sonar, which covered an estimated 97.6% of the entire water column. No fish >12 inches were detected during these surveys.

### Monitoring Asian Carp Population Metrics and Control Efforts

SIUC deployed three VR2 fixed-station receivers within and around the Hanson Material Service gravel pits near Morris, IL to document emigration and immigration of Asian carp in this area. This brings the number of SIUC-deployed VR2 receivers during 2012 to a total of 29 along the Illinois River from the confluence with the Mississippi River to the Dresden Island Lock and Dam.