

Asian Carp Sampling Summary

A sampling summary for the week of May 28, 2012 is included below. All data presented in this summary are preliminary and subject to revision.

Bottom Line: There was limited conventional gear sampling this week. Larval fish, zooplankton and productivity sampling occurred throughout the Chicago area and Illinois waterways. These samples are currently being processed and analyzed.

Fish Behavior Study at the Barrier

Crews from the USFWS completed DIDSON surveys at 46 sites in the CSSC within and near the Demo Barrier for a total of 460 minutes (7.7 hours) of DIDSON footage.

Telemetry Monitoring Project

Crews from USACE successfully downloaded data from VR4 receivers located around Barrier 2B in the CSSC near Romeoville.

Gear Evaluation Study

Crews from INHS completed six 15-minute electrofishing runs in the Dresden Island Pool near I-55/Treats Island (RM 277-279.5) and in the Marseilles Pool near Morris (RM 262-265). This sampling completed the spring evaluation of sampling gears at these upper Illinois Waterway sites that began the week of May 21.

Larval Fish, Zooplankton, and Productivity Monitoring

Crews from INHS and Western Illinois University completed sampling for fish eggs and larvae, zooplankton, and phytoplankton productivity at the stations listed in the table below. Effort included four 5-minute tows with a 0.5-meter diameter ichthyoplankton push net, pumping and filtering 100 L of water for zooplankton, and taking water samples with an integrated tube sampler for productivity estimates. Samples are currently being processed.

Pool and Station	River Mile	Pool and Station	River Mile
CAWS		Peoria Pool	
Lake Calumet	327	Hennepin	~207-208
Little Calumet River	322	Henry/Lacon	189-197
Western Avenue	~320-321	Chillicothe	~178-180
Calumet-Sag Channel	~319	Upper Peoria Lake	~170-175
Worth Street	~311	LaGrange Pool	
Brandon Road Pool		Peoria Dam Tailwater	155-157.7
Lockport Tailwater	~289-291	Havana	119-122
Des Plaines River/CSSC confluence	~290	Bath Chute	107-113
Dresden Island Pool		Fredrick Main Channel	~97-98
Treats Island/I-55	277-279.5	Treadway Lake Backwater	~93.5
Marseilles Pool		Lilly Lake Backwater	83-84
Morris	262-265	Lilly Lake Main Channel	83-84
Starved Rock			
Ottawa	239.5-241.5		