

MRRWG Asian Carp eDNA Surveillance

December 3rd, 2010 Status Map

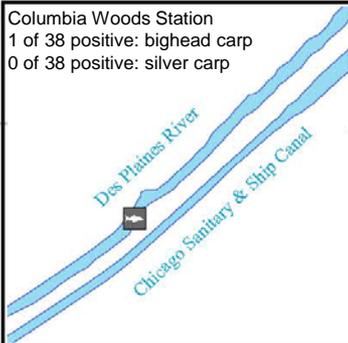
Recent Samples as of November 2nd, 2010

Start of Sampling: October 6th, 2010

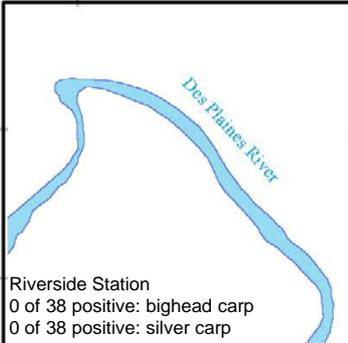
eDNA Sample Points

-  Negative
-  Nov 2, 2010 Positive – Bighead carp
-  Fall 2010 Positive – Silver carp
-  Fall 2010 Positive – Bighead carp
-  Fall 2010 Positive – Both Species
-  Areas of Asian carp eDNA positives Aug 2009 – June 2010

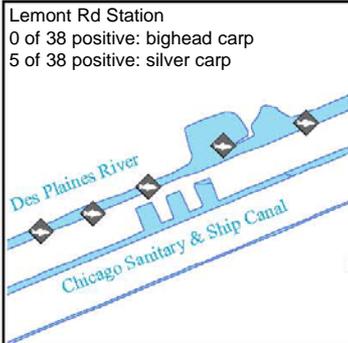
Columbia Woods Station
 1 of 38 positive: bighead carp
 0 of 38 positive: silver carp



Riverside Station
 0 of 38 positive: bighead carp
 0 of 38 positive: silver carp



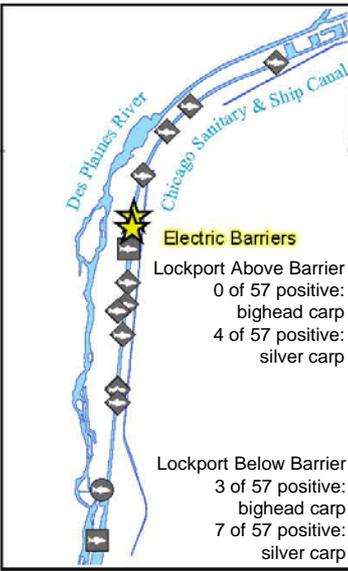
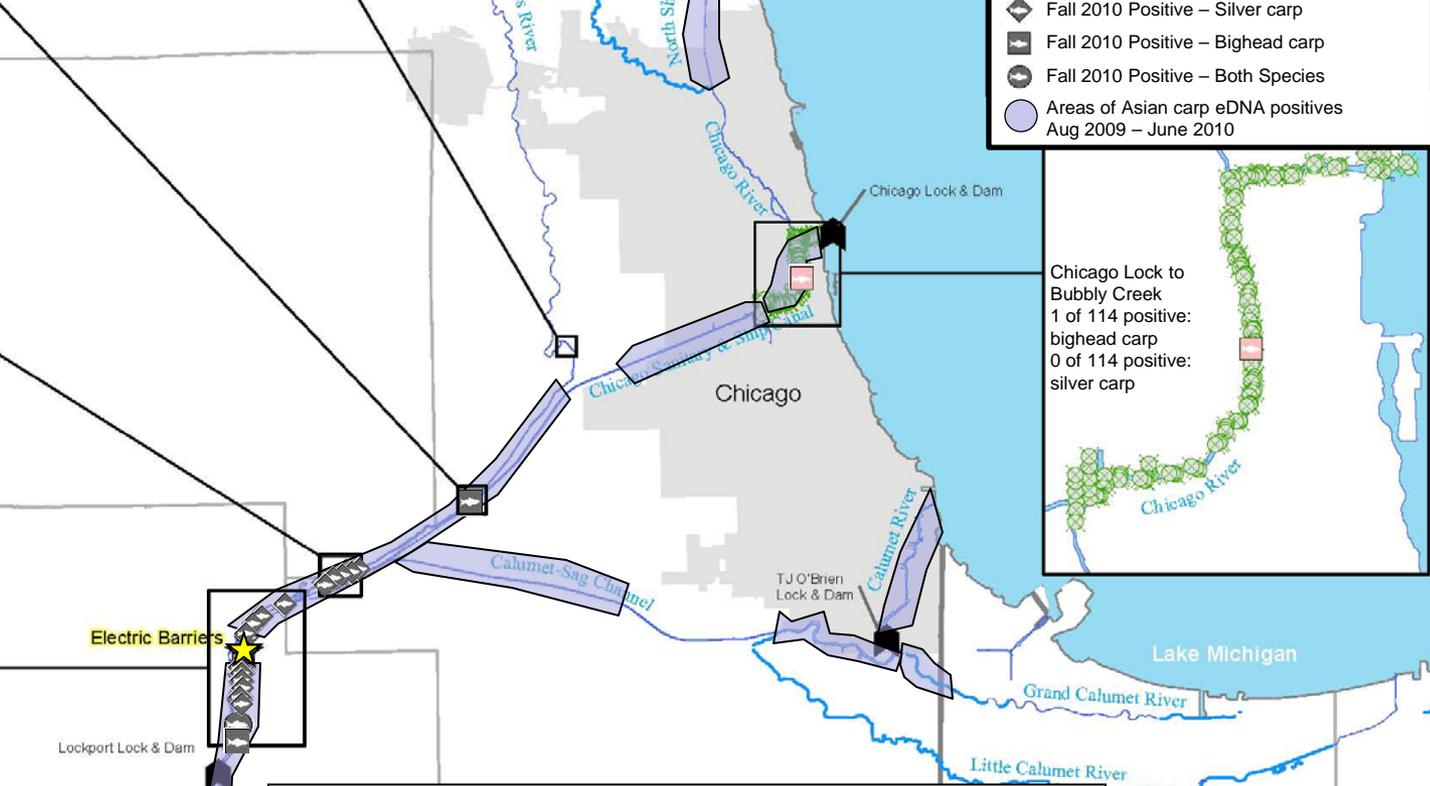
Lemont Rd Station
 0 of 38 positive: bighead carp
 5 of 38 positive: silver carp



Electric Barriers

Lockport Above Barrier
 0 of 57 positive: bighead carp
 4 of 57 positive: silver carp

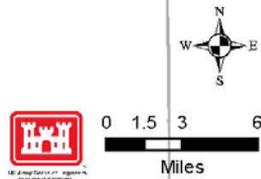
Lockport Below Barrier
 3 of 57 positive: bighead carp
 7 of 57 positive: silver carp

Chicago Lock to Bubbly Creek
 1 of 114 positive: bighead carp
 0 of 114 positive: silver carp



Fall 2010 (Oct 6 – Nov 24) sampling period:
 Total Samples Collected for processing: 1140
 Total Samples Processed (both species): 684
 Total Samples Positive for Asian Carp: 21
[CLICK HERE to see results table](#)



0 1.5 3 6
Miles

MRRWG Asian Carp eDNA Monitoring Results Above Barrier (2010)

Location	Samples Collected	Silver Carp		Bighead Carp		Asian Carp		Need to Process	
		Neg	Pos	Neg	Pos	Proc	Not Proc	Silver	Bighead
Des Plaines River (Riverside Station)	38	38	0	38	0	76	0	0	0
Des Plaines River (Columbia Woods Station)	38	38	0	37	1	76	0	0	0
Des Plaines River (Lemont Road Station)	38	33	5	38	0	76	0	0	0
LPA Lockport Pool Above Barrier (RM 296.2 to RM 300.6)	57	53	4	57	0	114	0	0	0
Chicago Lock to Bubbly Creek (Chicago Lock to RM 321.8)	114	114	0	113	1	228	0	0	0
O'Brien Lock to Acme Bend on Little Calumet North Leg (O'Brien Lock to RM 320.0)	114	0	0	0	0	0	228	114	114
Wilmette Pump to North Branch Chicago River (Wilmette Pump to RM 333.4)	114	0	0	0	0	0	228	114	114
Total	513	276	9	283	2	570	456	228	228

•Highlighted row shows most recent positive detection (11/2/2010)

USACE Asian Carp eDNA Monitoring Results Below Barrier (2010)

Location	Samples Collected	Silver Carp		Bighead Carp		Asian Carp		Need to Process	
		Neg	Pos	Neg	Pos	Proc	Not Proc	Silver	Bighead
LPB Lockport Pool Below Barrier (RM 291.0 to RM 296.2)	57	50	7	54	3	114	0	0	0
Total	57	50	7	54	3	114	0	0	0

As of 24 November 2010