

MRRWG Asian Carp eDNA Surveillance

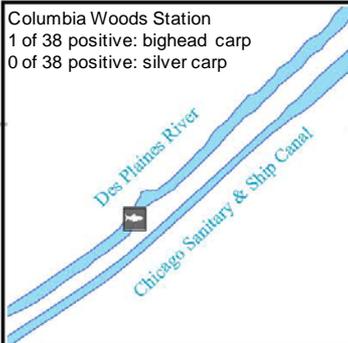
December 10th, 2010 Status Map

Recent Samples as of November 8th, 2010
Start of Sampling: October 6th, 2010

eDNA Sample Points

-  Negative (Old Negatives not shown)
-  Nov 8, 2010 Positive – Silver 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

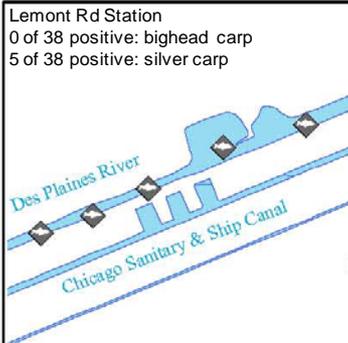
Columbia Woods Station
1 of 38 positive: bighead carp
0 of 38 positive: silver carp



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



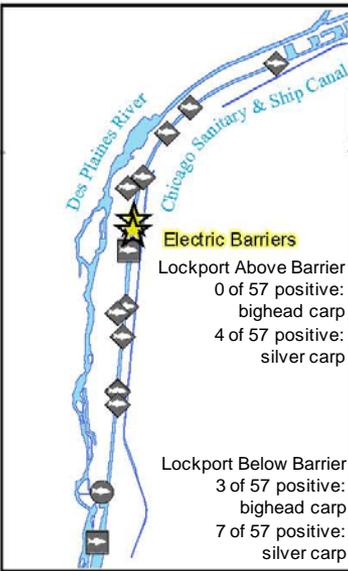
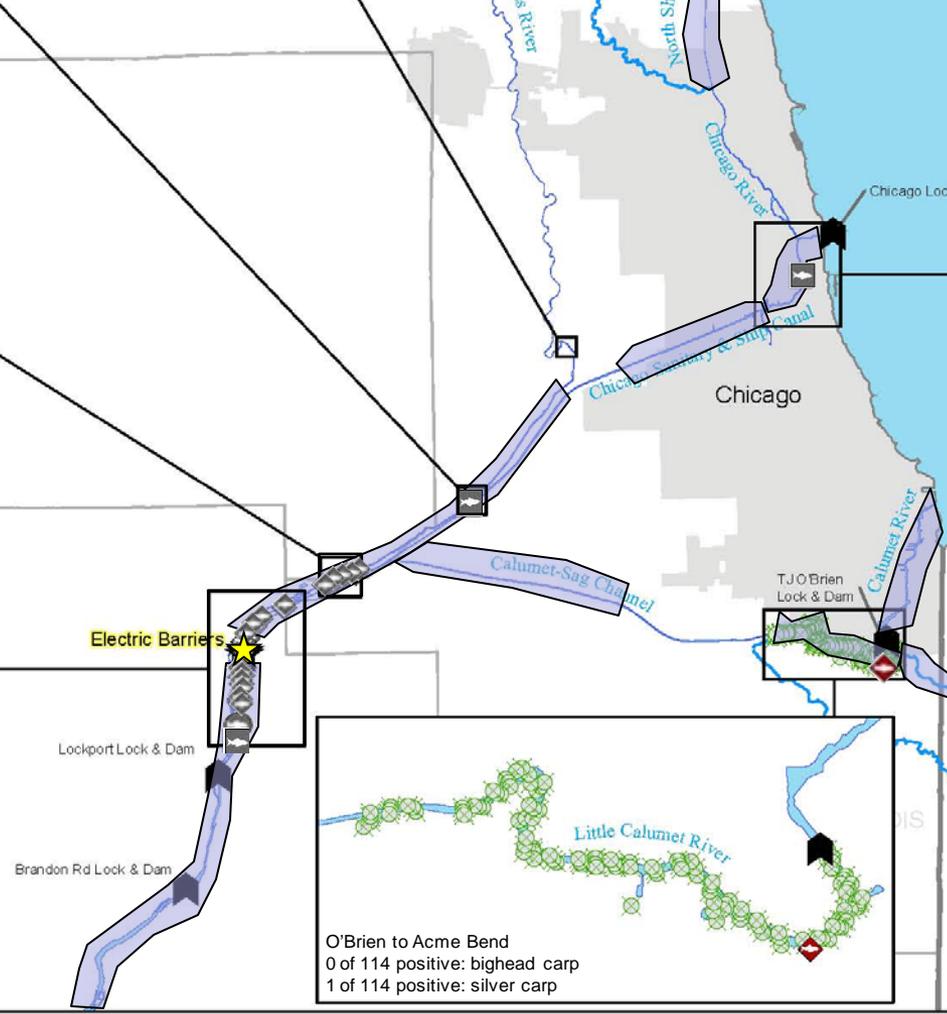
Lemont Rd Station
0 of 38 positive: bighead carp
5 of 38 positive: silver carp



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

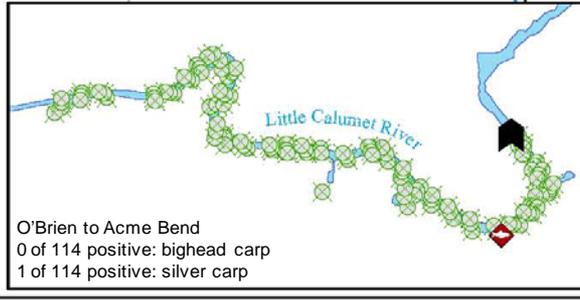



O'Brien to Acme Bend
0 of 114 positive: bighead carp
1 of 114 positive: silver carp

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



Fall 2010 (Oct 6 – Dec 6) sampling period:
Total Samples Collected for processing: 1358
Total Samples Processed (both species): 912
Total Samples Positive for Asian Carp: 22
[CLICK HERE to see results table](#)



O'Brien to Acme Bend
0 of 114 positive: bighead carp
1 of 114 positive: silver carp

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)	104	53	4	57	0	114	94	47	47
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	113	1	114	0	228	0	0	0
Wilmette Pump to North Branch Chicago River (Wilmette Pump to RM 333.4)	114	0	0	0	0	0	228	114	114
Total	560	389	10	397	2	798	322	161	161

•Highlighted row shows most recent positive detection (11/8/2010)

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	124	62	62
Total	119	50	7	54	3	114	124	62	62