

**MRRWG Asian Carp eDNA Surveillance**  
**January 7<sup>th</sup>, 2011 Status Map**  
**Recent Samples as of December 7<sup>th</sup>, 2010**  
**Start of Sampling: October 6<sup>th</sup>, 2010**  
**THIS MAP INCLUDES ALL 2010 RESULTS**

**eDNA Sample Points**

-  Negative
-  Dec 7, 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

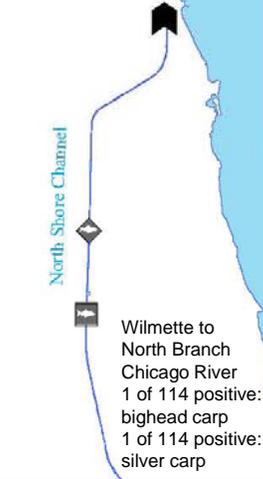
Columbia Woods Station  
 1 of 38 positive: bighead carp  
 0 of 38 positive: silver carp



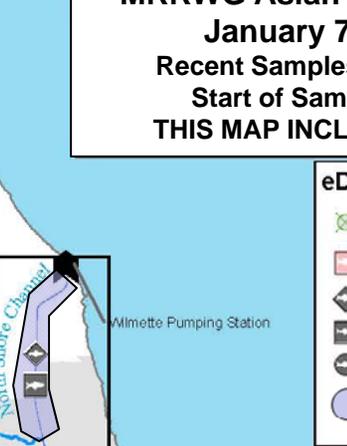
Riverside Station  
 0 of 38 positive: bighead carp  
 0 of 38 positive: silver carp



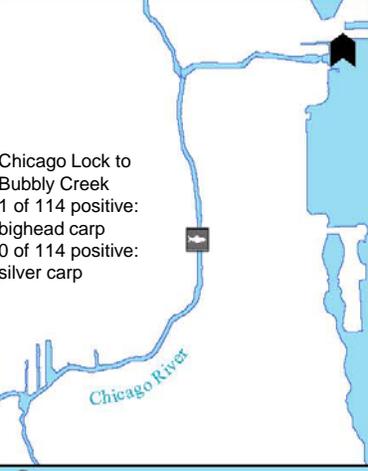
Wilmette to North Branch  
 Chicago River  
 1 of 114 positive:  
 bighead carp  
 1 of 114 positive:  
 silver carp



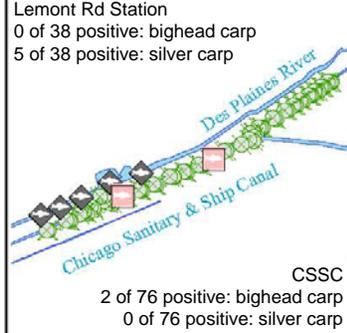
Chicago Lock & Dam



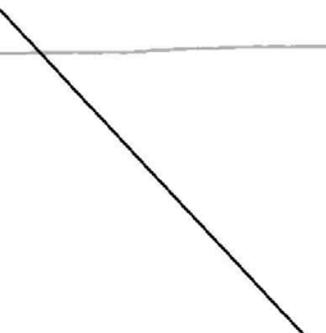
Chicago Lock to Bubbly Creek  
 1 of 114 positive:  
 bighead carp  
 0 of 114 positive:  
 silver carp



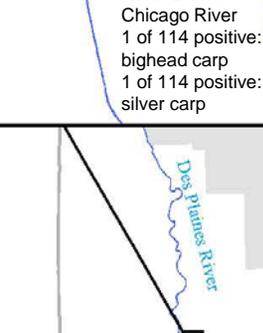
Lemont Rd Station  
 0 of 38 positive: bighead carp  
 5 of 38 positive: silver carp



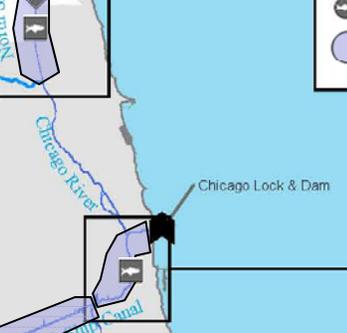
CSSC  
 2 of 76 positive: bighead carp  
 0 of 76 positive: silver carp



Chicago Lock & Dam



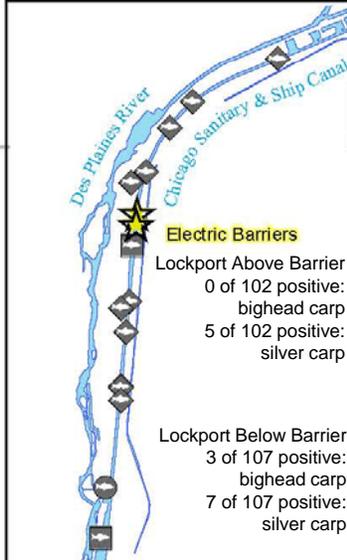
Chicago Lock & Dam



**Electric Barriers**

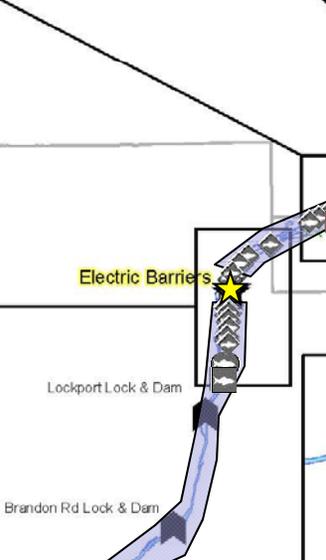
Lockport Above Barrier  
 0 of 102 positive:  
 bighead carp  
 5 of 102 positive:  
 silver carp

Lockport Below Barrier  
 3 of 107 positive:  
 bighead carp  
 7 of 107 positive:  
 silver carp

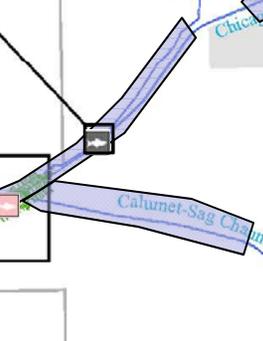


Lockport Lock & Dam

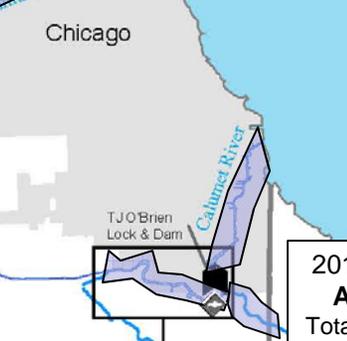
Brandon Rd Lock & Dam



Chicago Lock & Dam

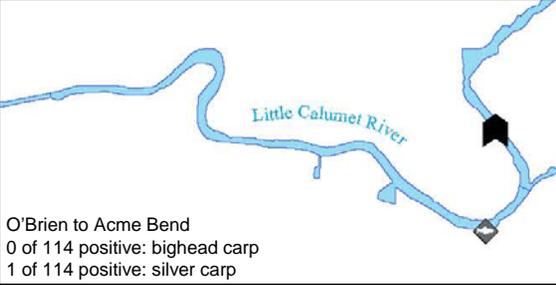
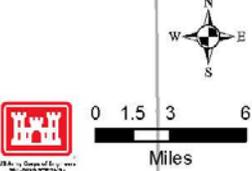


TJ O'Brien Lock & Dam



2010 (Oct – Dec 2010) sampling period:  
**ALL 2010 SAMPLES PROCESSED**  
 Total Samples Collected for processing: 1482  
 Total Samples Processed (both species): 1482  
 Total Samples Positive for  
 Asian Carp Above Barrier: 17  
[CLICK HERE to see results table](#)

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

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)	102	97	5	102	0	204	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	113	1	114	0	228	0	0	0
Wilmette Pump to North Branch Chicago River (Wilmette Pump to RM 333.4)	114	113	1	113	1	228	0	0	0
Chicago Sanitary & Ship Canal (RM 300.6 to RM 304)	76	76	0	74	2	152	0	0	0
<b>Total</b>	<b>634</b>	<b>622</b>	<b>12</b>	<b>629</b>	<b>5</b>	<b>1268</b>	<b>0</b>	<b>0</b>	<b>0</b>

•Highlighted row shows most recent positive detection (12/7/2010)

## MRRWG 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)	107	100	7	104	3	214	0	0	0
<b>Total</b>	<b>107</b>	<b>100</b>	<b>7</b>	<b>104</b>	<b>3</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>0</b>

As of 7 January 2011

**ALL 2010 SAMPLES PROCESSED AND REPORTED**