

MRRWG Asian Carp eDNA Surveillance
December 28th, 2010 Status Map
Recent Samples as of November 30th, 2010
Start of Sampling: October 6th, 2010

eDNA Sample Points

- ⊗ Negative
- ◆ Nov 30, 2010 Positive – Silver carp
- Nov 30, 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

Wilmette Pumping Station

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

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

Electric Barriers

Nov 30 sampling trip:
 Lockport Above Barrier
 0 of 45 positive: bighead carp
 1 of 45 positive: silver carp

Nov 30 sampling trip:
 Lockport Below Barrier
 0 of 50 positive: bighead carp
 0 of 50 positive: silver carp

Lockport Lock & Dam

Brandon Rd Lock & Dam

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

Fall 2010 (Oct 6 – Dec 28) sampling period:
 Total Samples Collected for processing: 1482
 Total Samples Processed (both species): 1330
 Total Samples Positive for Asian Carp Above Barrier: 15
[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)	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					0	152	76	76
Total	634	546	12	555	3	1116	152	76	76

•Highlighted row shows most recent positive detection (11/30/2010)

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)	107	100	7	104	3	214	0	0	0
Total	107	100	7	104	3	214	0	0	0

As of 28 December 2010