

# Recent eDNA Sampling Effort

6/29/09 Sampling in Dresden Island Pool (many positives for silver carp) 16-2L samples 5-20L samples

7/10/09 Sampling in Brandon Road Pool (many positives for silver carp) 62-2L samples 4-20L samples

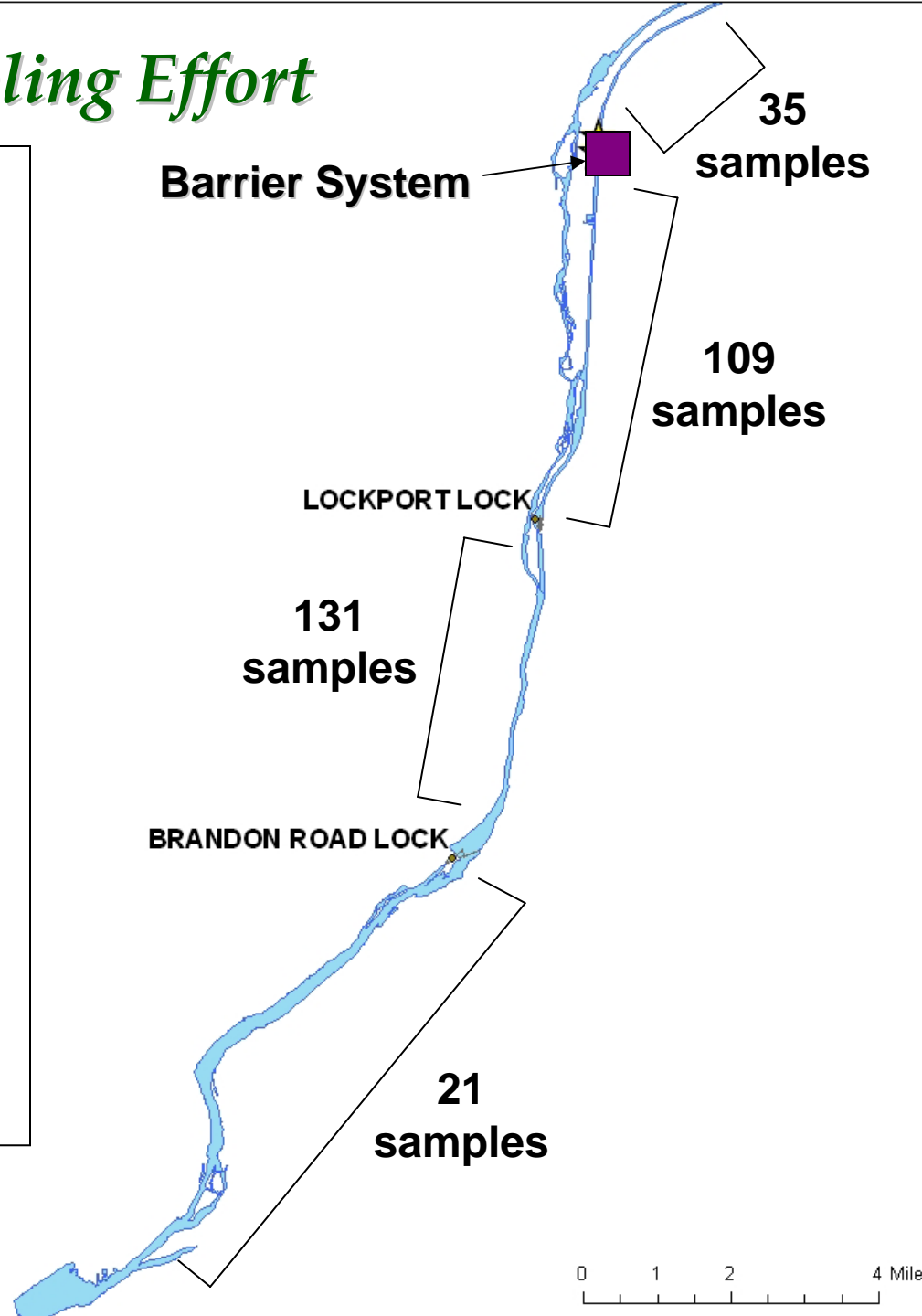
8/3/09 Sampling in Lockport Pool (no positives for silver carp) 75-2L samples 2-20L samples

8/19/09 Sampling in Lockport and Brandon Road Pools (Being processed) 40-2L samples 4-20L samples

8/25/09 Sampling in Lockport and Brandon Road Pools (Being processed) 84-2L samples 4-20L samples (9 samples taken in Lockport Lock)

Totals  
277-2L samples  
19-20L samples

296 Samples Collected as of 25 August 2009



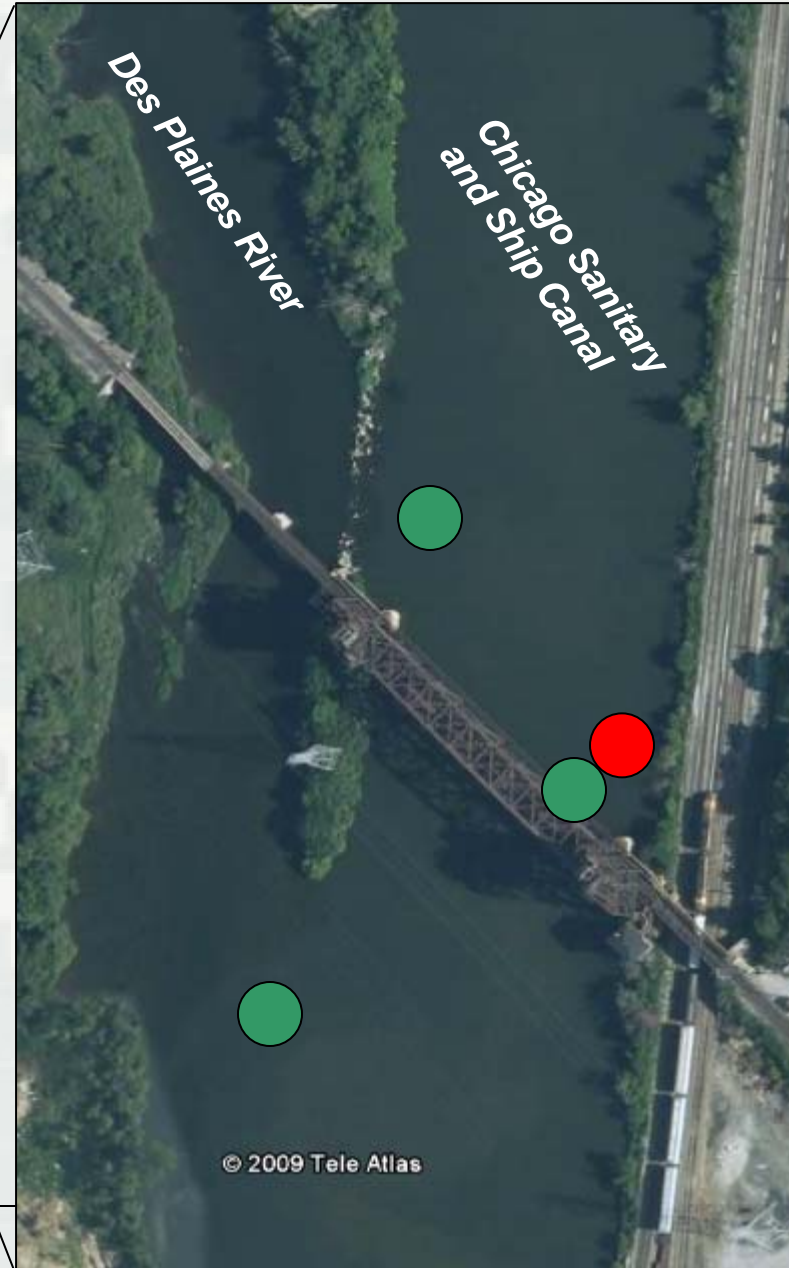
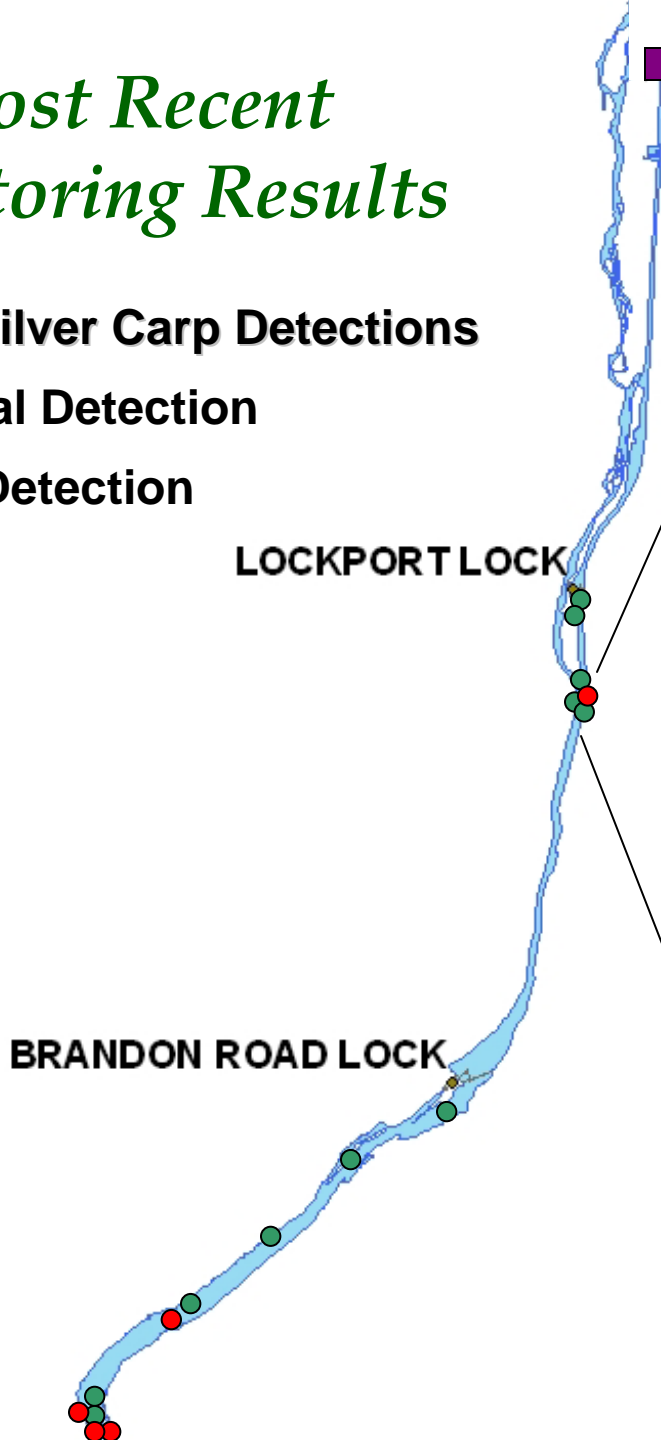
# Most Recent Monitoring Results

## Positive Silver Carp Detections

● Physical Detection

● eDNA Detection

■ Barrier System



# eDNA (Genetic) Surveillance



## Silver Carp eDNA Preliminary Results

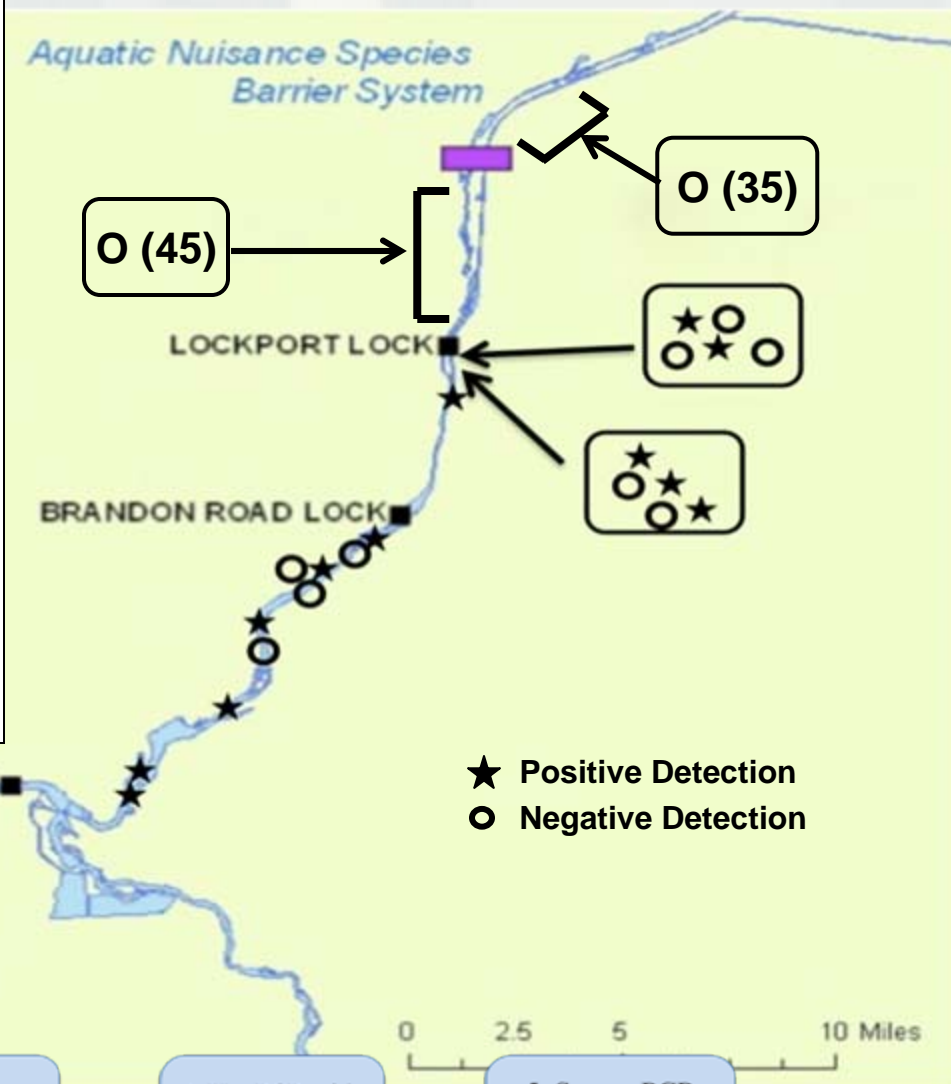
Reported 31 Jul – 18 Aug:

- 35 Samples collected up to five miles North of Barrier – All negative for Silver carp
- 45 Samples collected Lockport pool – All negative for Silver carp
- Analysis for Bighead carp is underway
- More samples (40) collected 19 Aug 2009

## Silver Carp eDNA Preliminary Results

Reported on 31 JUL 2009:

- Brandon Road Pool: 6 positive samples of 11 taken indicating present on 10 JUL 2009.
- Dresden Island Pool: 6 positive samples of 10 taken indicating present on 29 JUN 2009.



## Procedures for eDNA analysis

