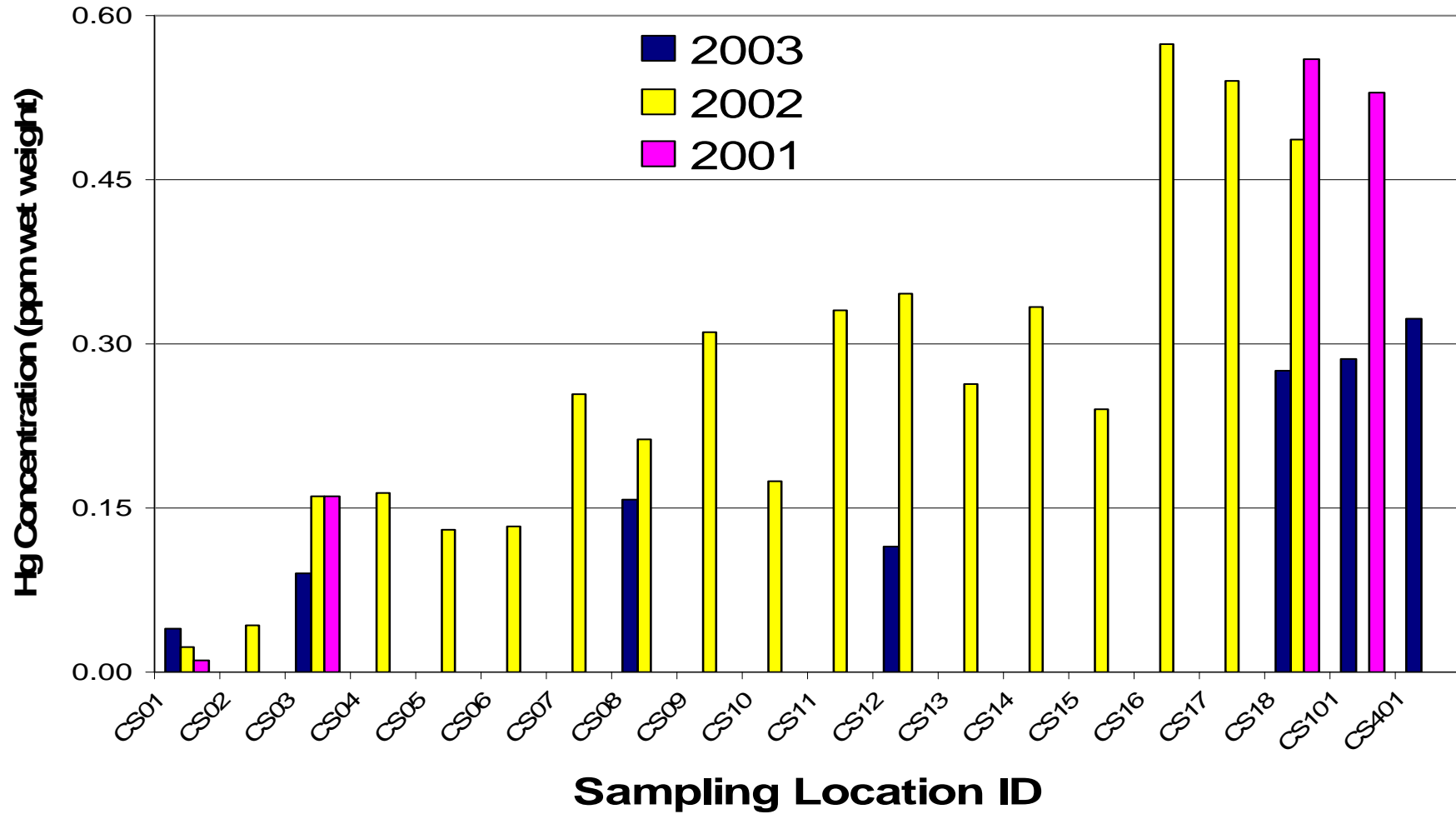


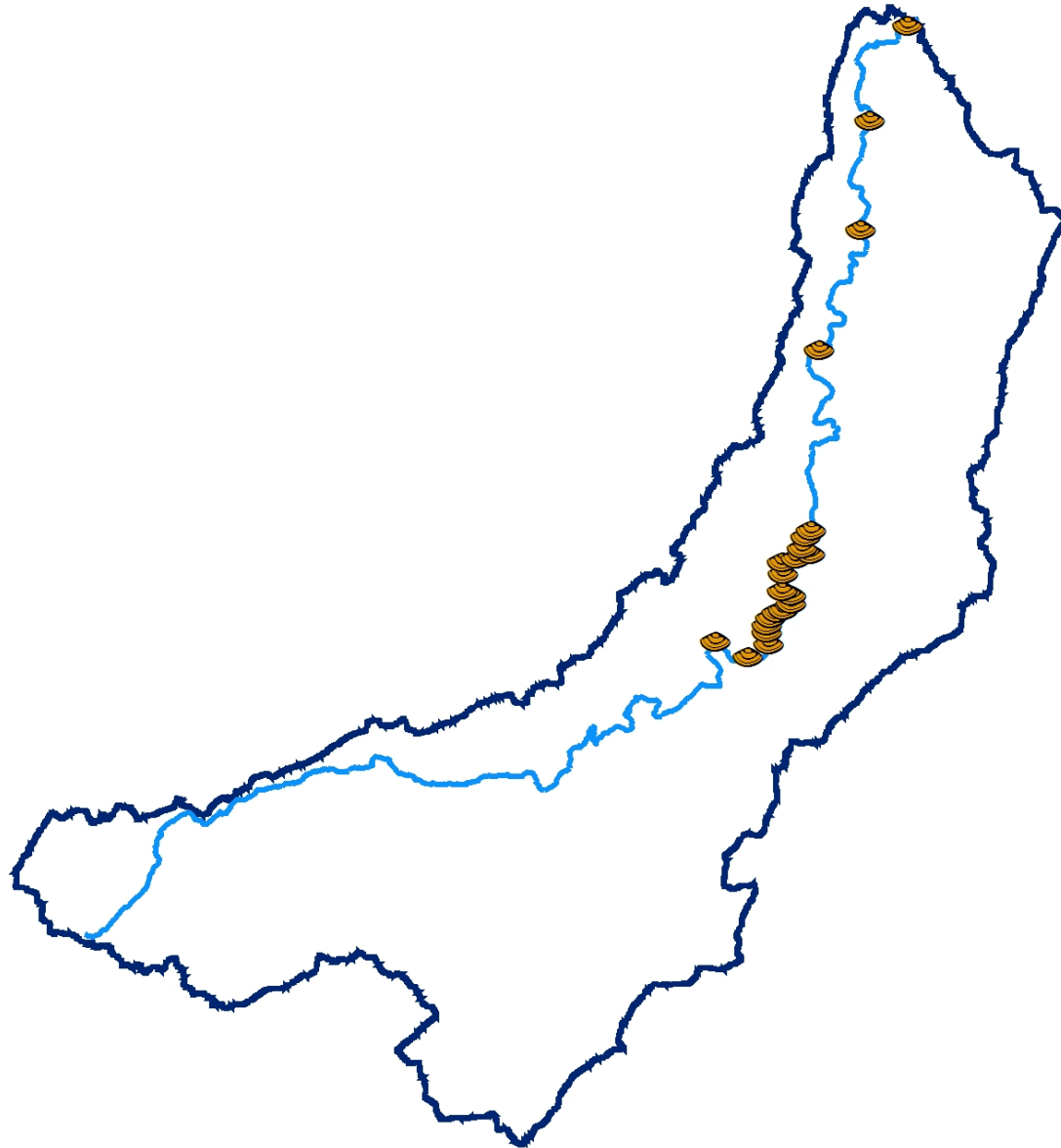
Comparison of Clam Data, 2001-2003



Proposal for Caged Clam Study, Summer 2004

Thomas R. Benzing
James Madison University
April 14, 2004
Presentation to SRST

South River watershed and clam sites



Plant area and clam sites



Plant area and 2002 Hg data for Corbicula



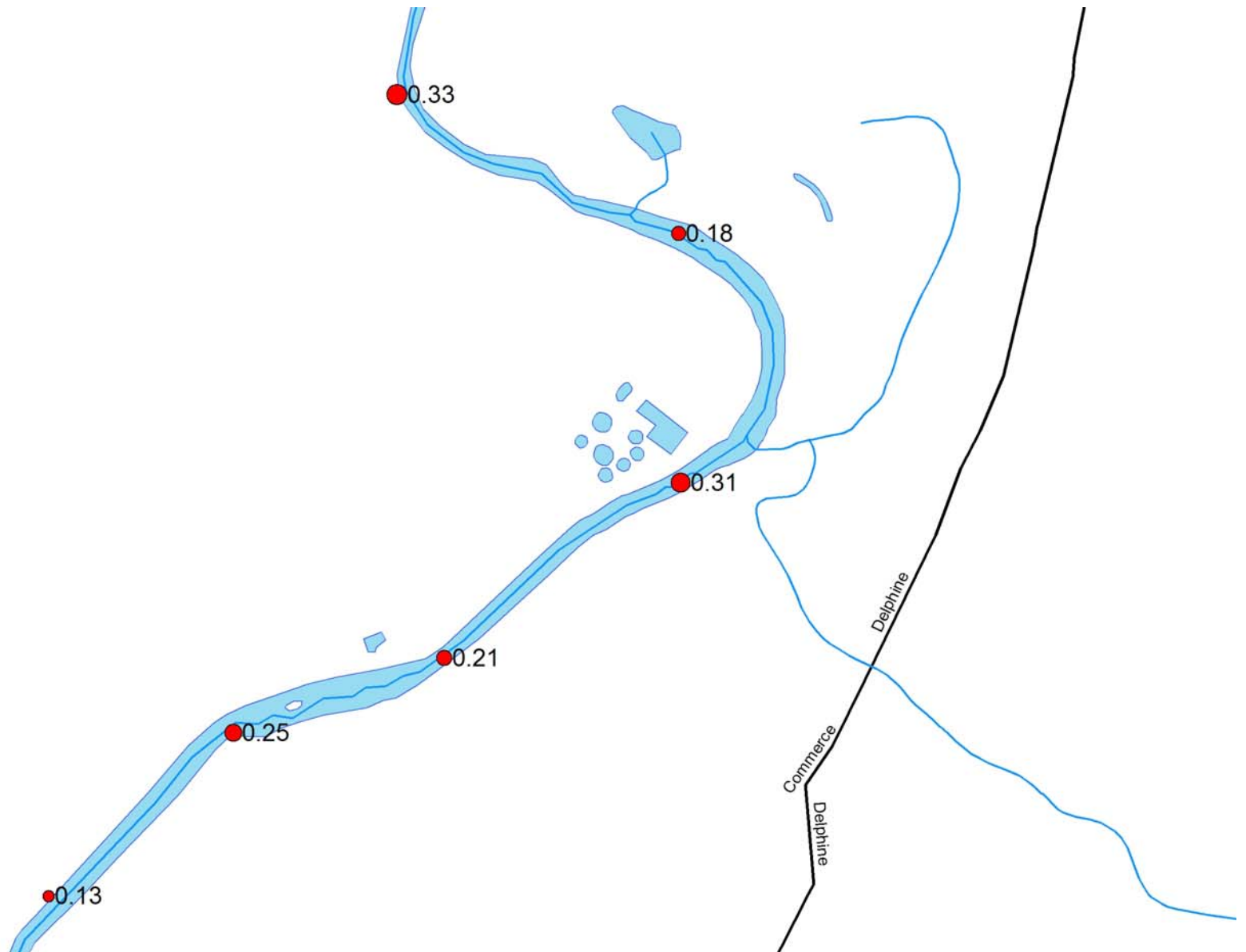
Plant area and proposed cage sites (Option A)



North Park to Basic Park and clam sites



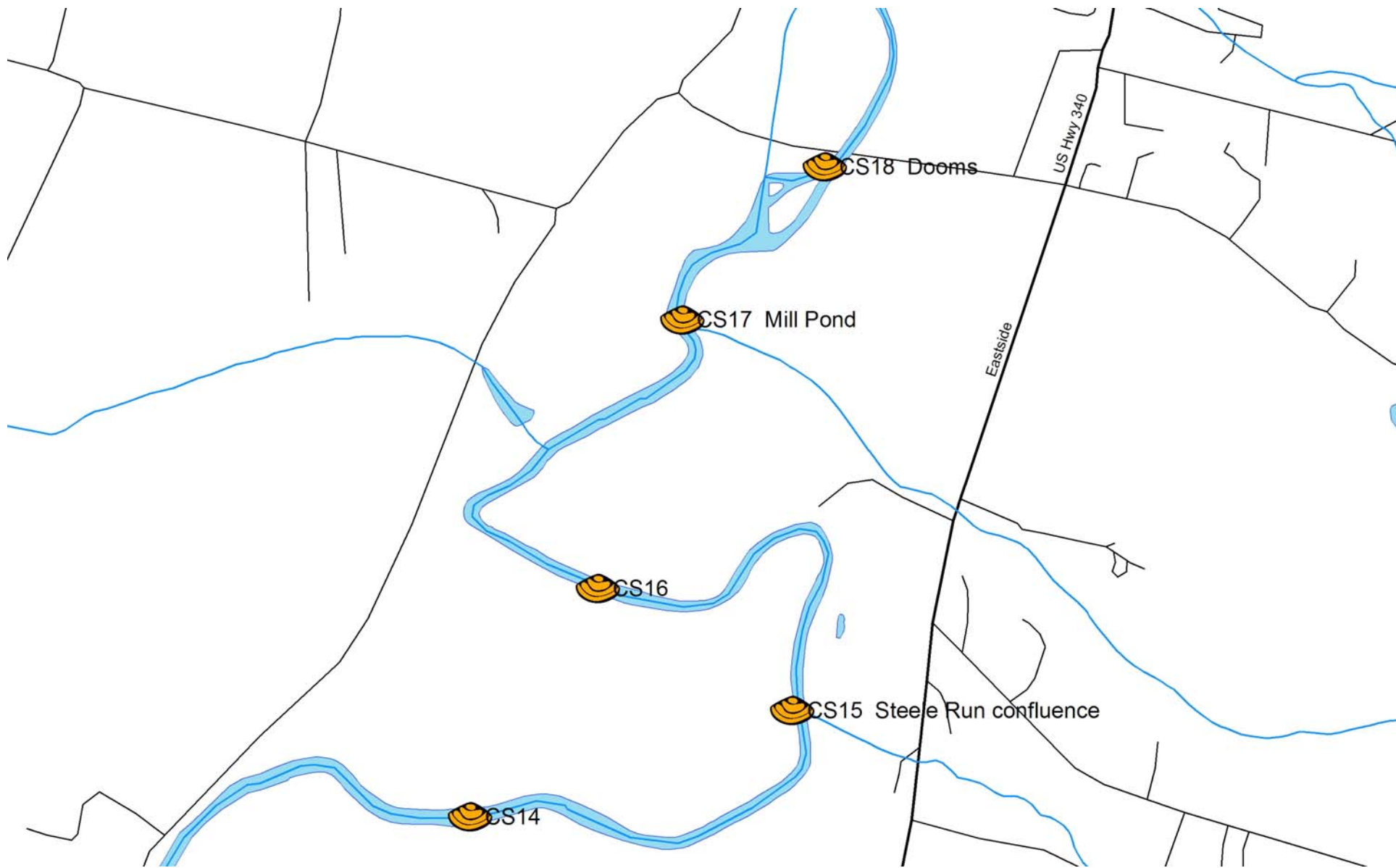
North to Basic and 2002 Hg data for Corbicula



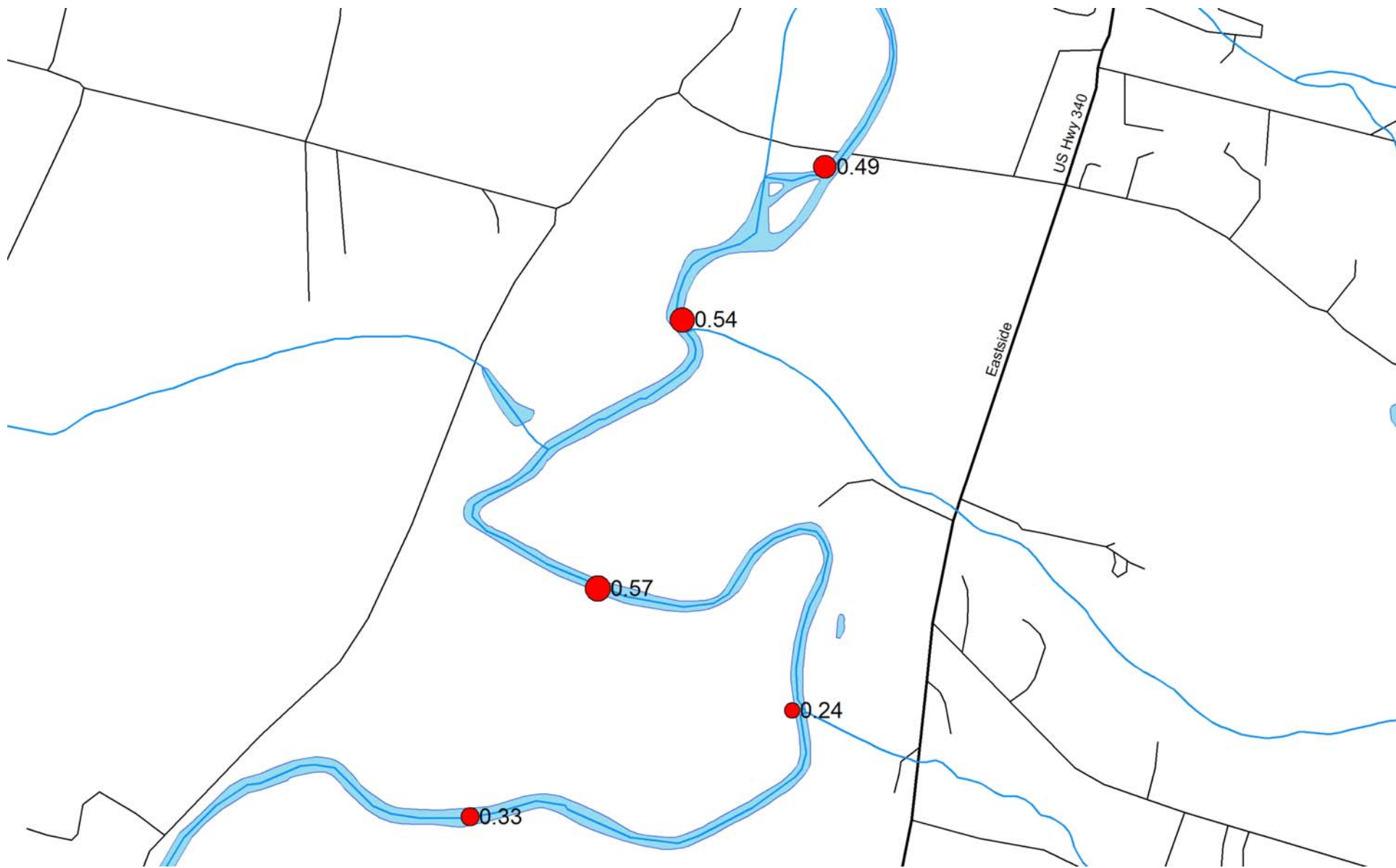
North to Basic and proposed cage sites (Option B)



Dooms Mill Pond and clam sites



Dooms Mill Pond and 2002 Hg data for Corbicula



Dooms area and proposed cage sites (Option C)



Considerations for selecting option A, B, or C

- Significant differences in Hg measured within river reach
- Accessibility issues (placement and retrieval, vandalism)
- Clam habitat and survival issues
- Occurrence of “mud” and likely Hg methylation areas
- Other issues to consider?

Clam Tissue Results, 2003

