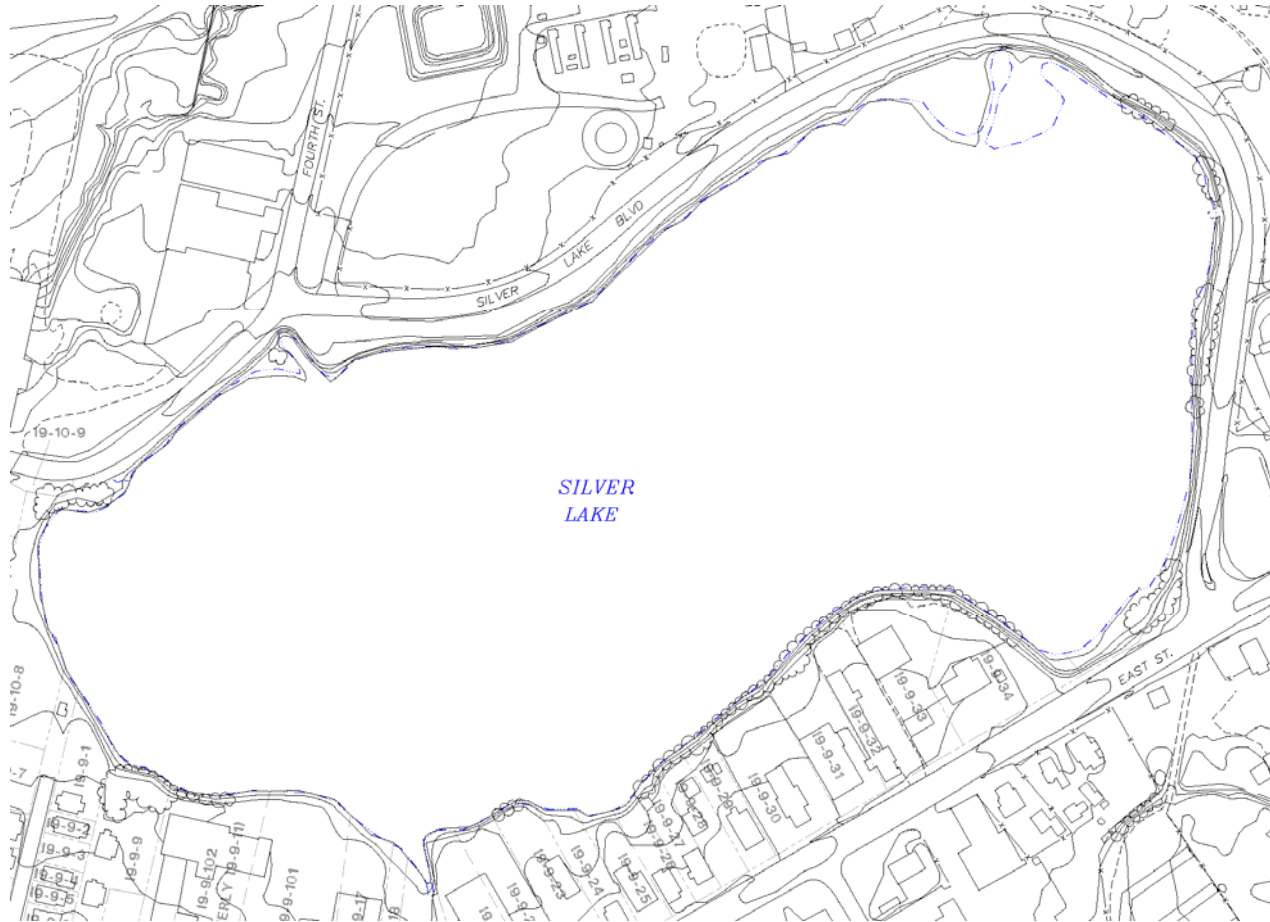


Overview of Silver Lake Capping Pilot Study

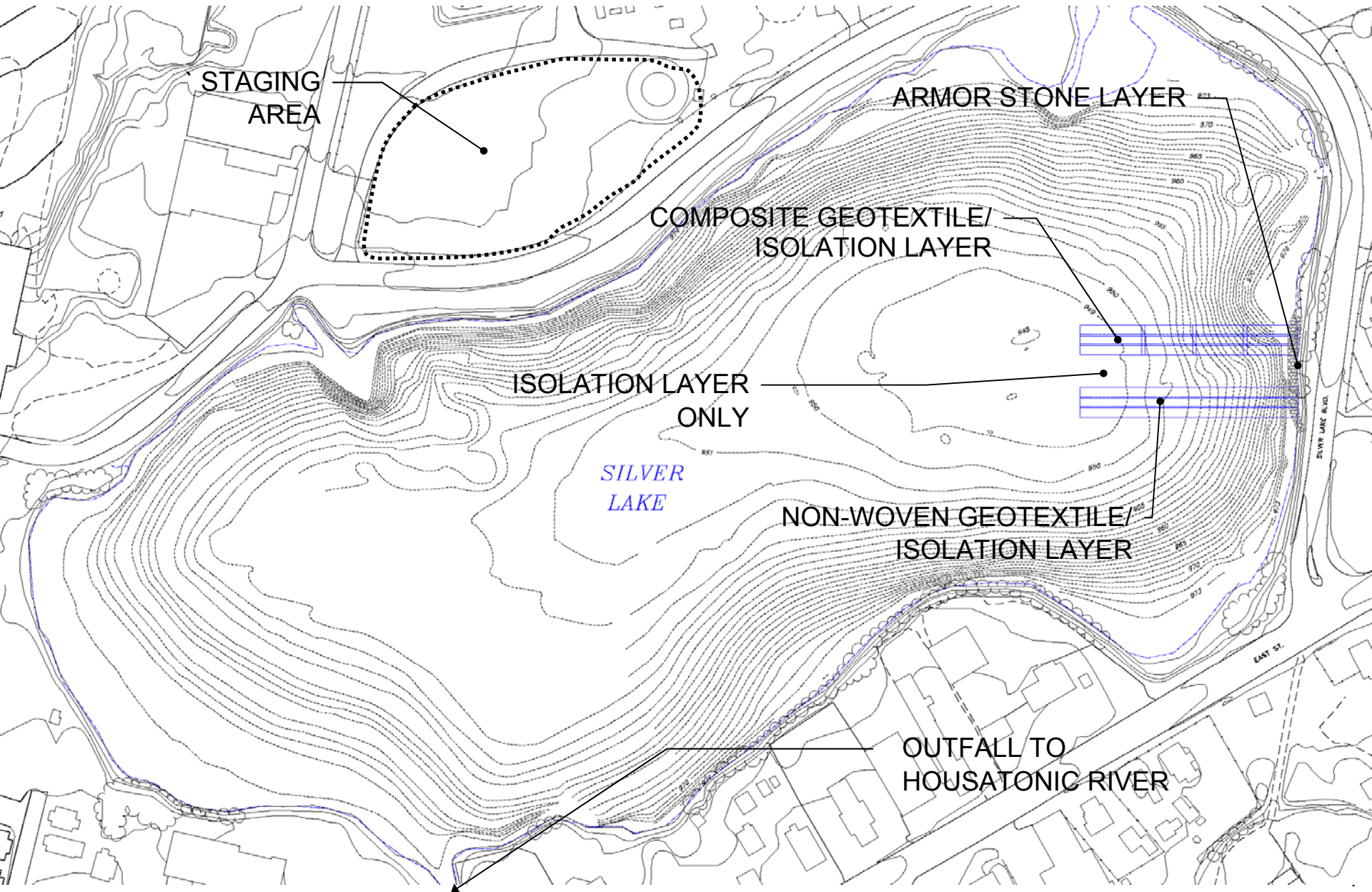


CCC Meeting – September 13, 2006

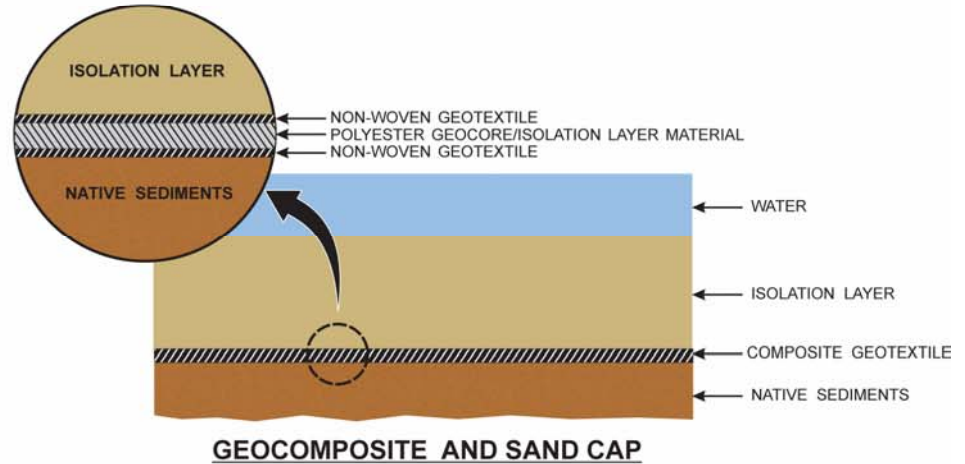
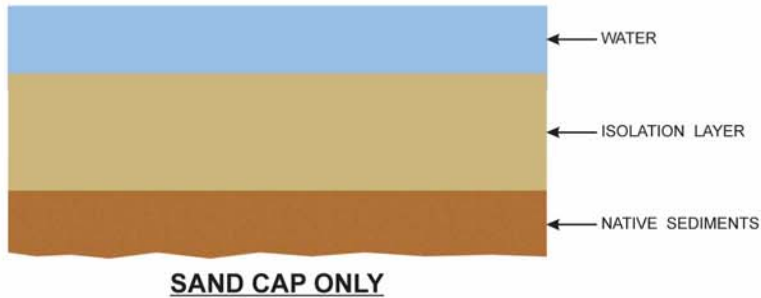
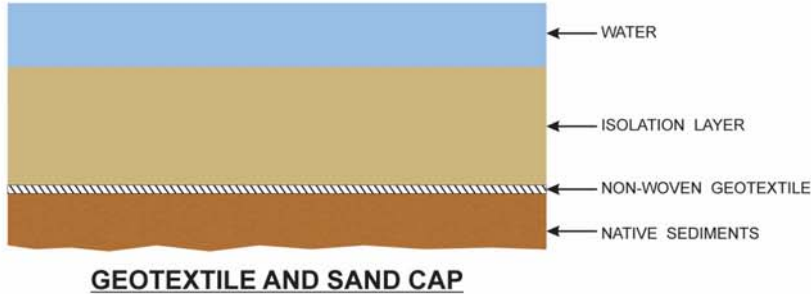
Pilot Study Objectives

- Evaluate selected method for placing cap materials in thin lifts;
- Evaluate response of in-situ sediments to cap material and armor stone placement;
- Evaluate constructability of employing geotextile in cap configuration;
- Assess potential for mixing as a result of cap placement; and
- Assess potential water quality impacts during cap placement.

Pilot Study Location



Isolation Layer



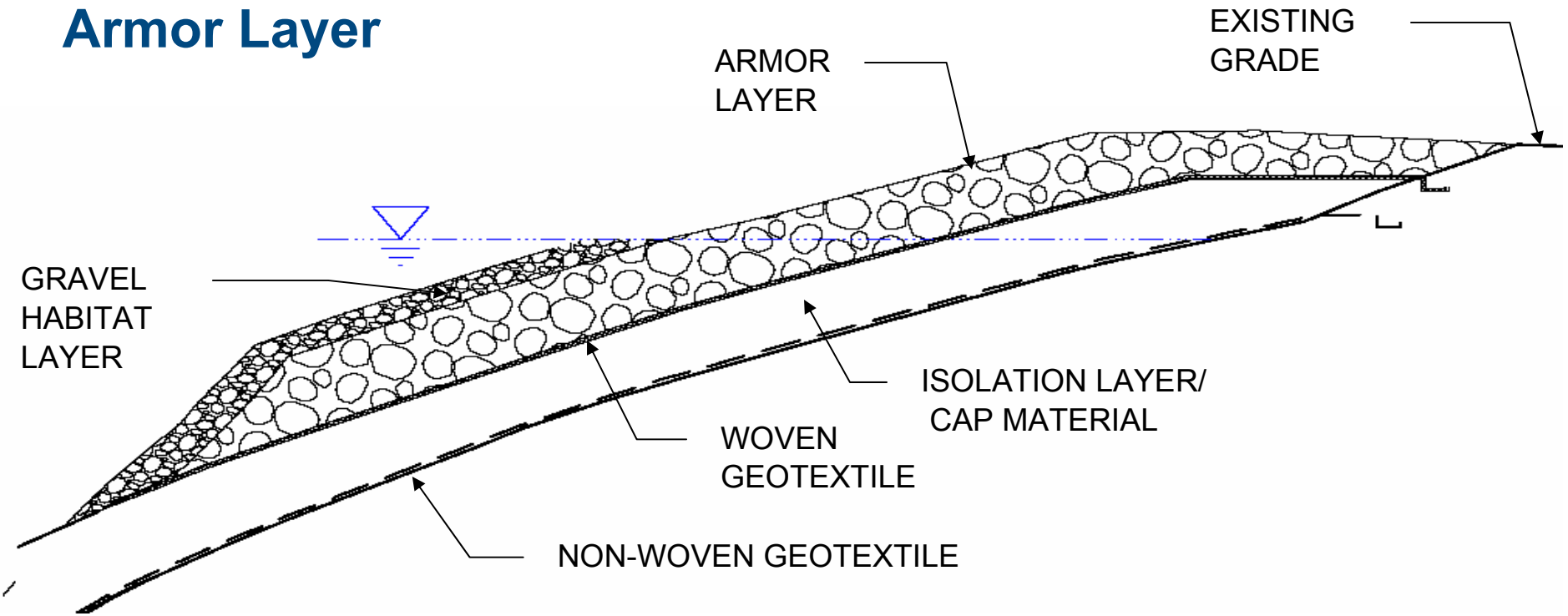
- Isolation layer to consist of a minimum of 14-inches of a mixture of sand and topsoil.

Cap Material Placement



- Pilot study cap material placement anticipated to be completed using a spray and/or spreader box application of a slurry of isolation layer material and lake water.

Armor Layer



- Armor layer along shore line to consist of:
 - Woven geotextile placed on top of cap materials and anchored to shore;
 - Armor stone layer; and
 - 3" Gravel layer to enhance habitat establishment.
- Excavation of approximately 200 cy of bank soil will be conducted as well. This will likely involve temporarily closing part of Silver Lake Blvd.

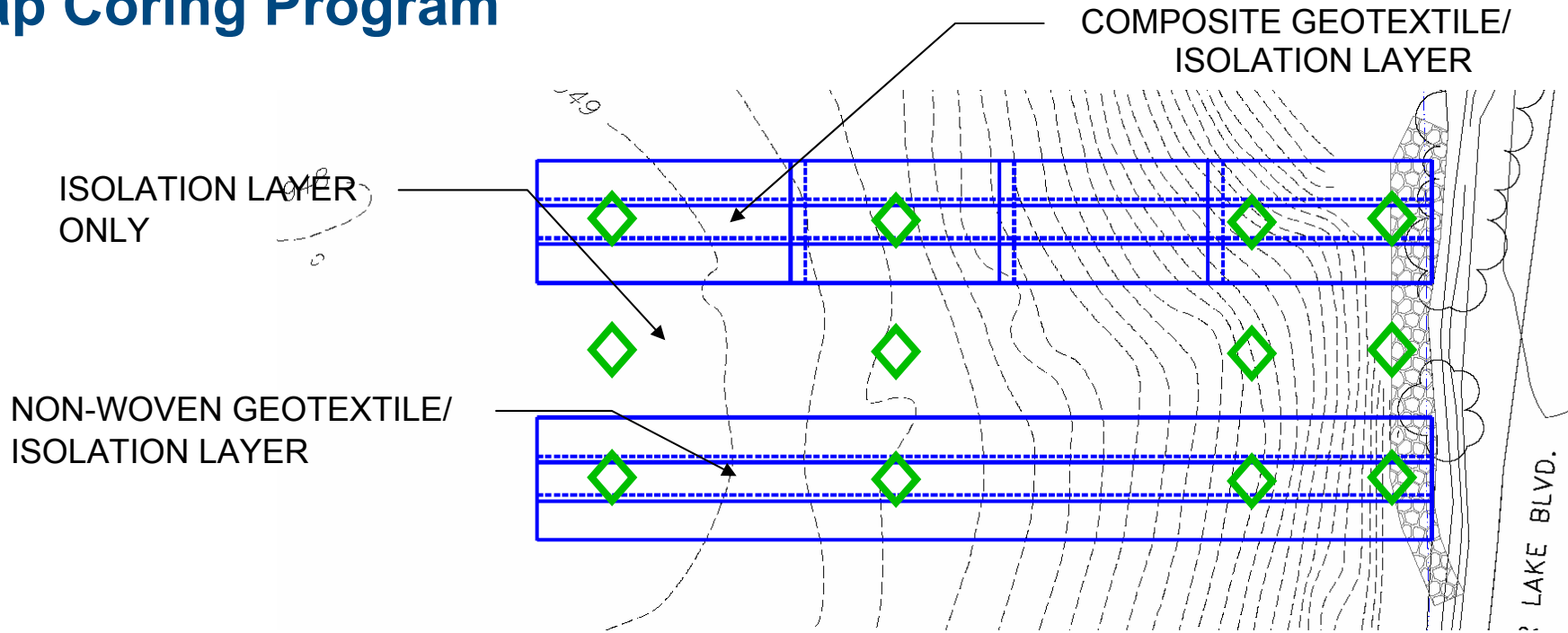
Pilot Study Monitoring Summary

- Specific components of monitoring program:
 - Bathymetric mapping and surface imagery.
 - Geotechnical monitoring to assess sediment stability and consolidation.
 - Water quality monitoring to evaluate potential impacts to lake conditions related to cap construction activities.
 - Cap material sampling to assess the potential for mixing and cap performance in mitigating PCB transport.

Sediment Profiling Imagery (SPI)

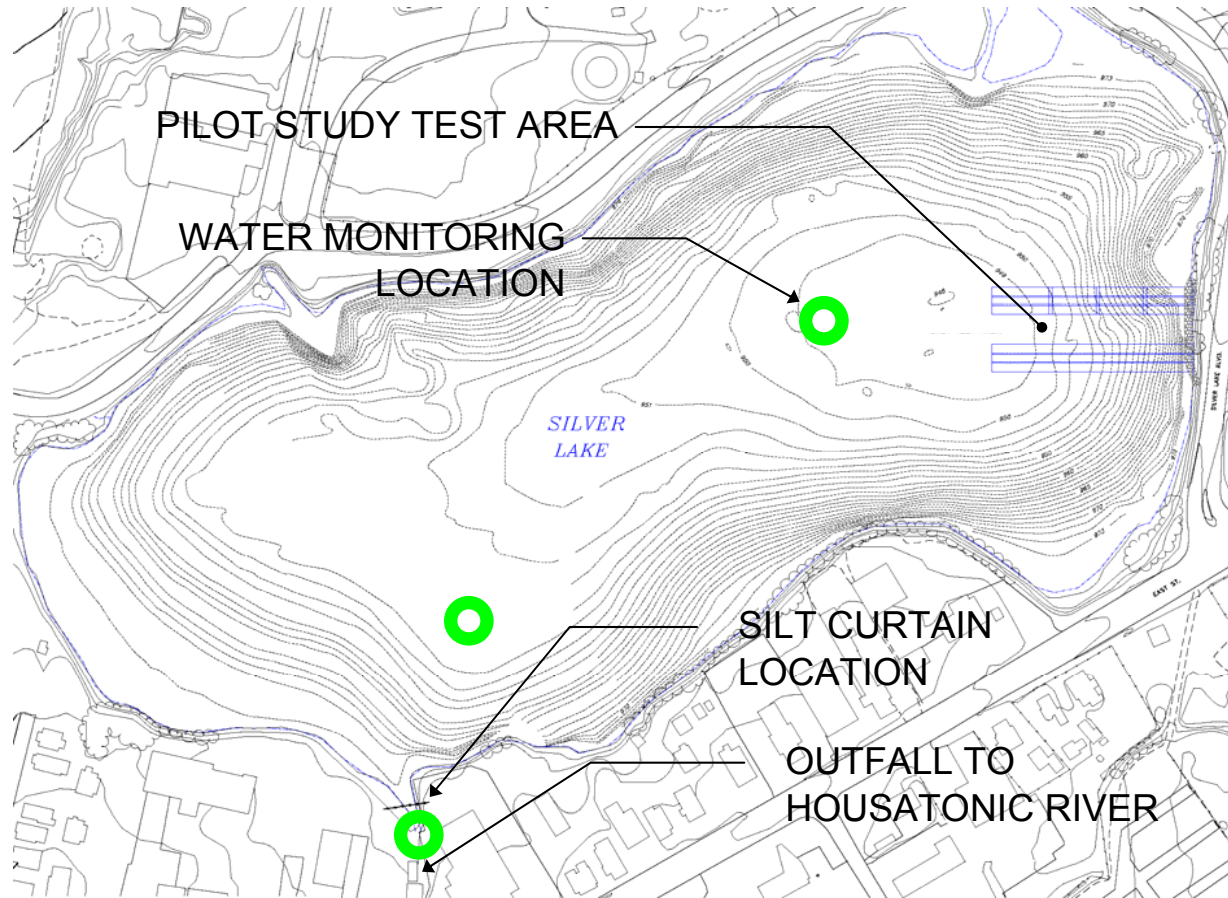


Cap Coring Program



- Performed immediately after and 6 months after construction.
- 12 cap cores collected in each event.
- Cores visually observed to evaluate cap thickness and extent of mixing.
- Cap materials analyzed for PCBs and TOC in the following increments:
 - 0-2", 2-4", 4-6", nominal 6-12", and the top two inches (nominal 12-14").
(Increments are relative to bottom of cap)

Water Quality Monitoring Program



- Daily assessment of turbidity at two far-field locations triggers collection at all three locations (PCBs, TSS) if turbidity is >50 ntu.

Pilot Study Schedule

- Late-September 2006 Initiate Pilot Study
- October - November 2006 Complete pilot cap installation
- December – May 2007 Cap monitoring
- Fall 2007 Submittal - Pilot Capping Report