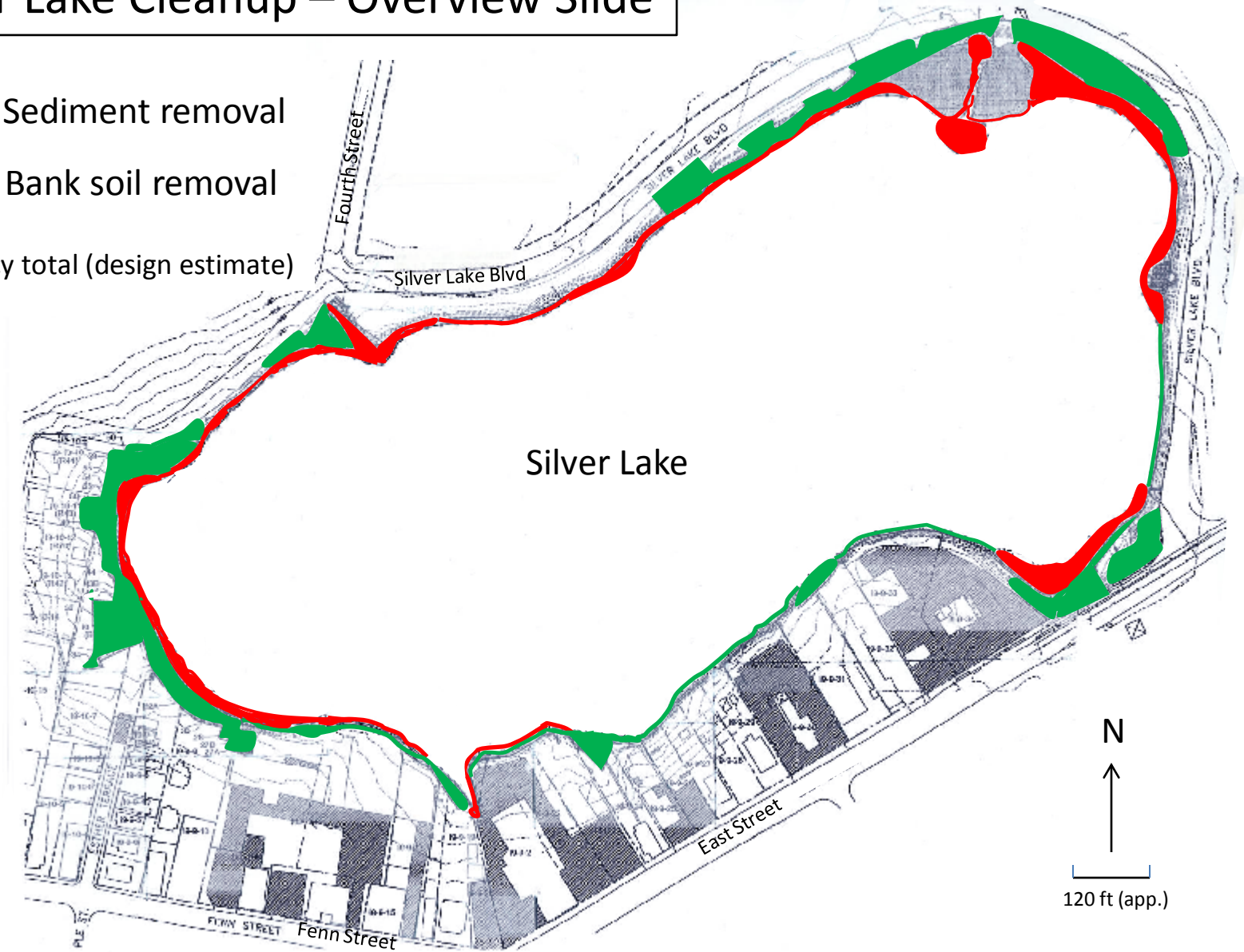


Silver Lake Cleanup – Overview Slide



■ - Sediment removal

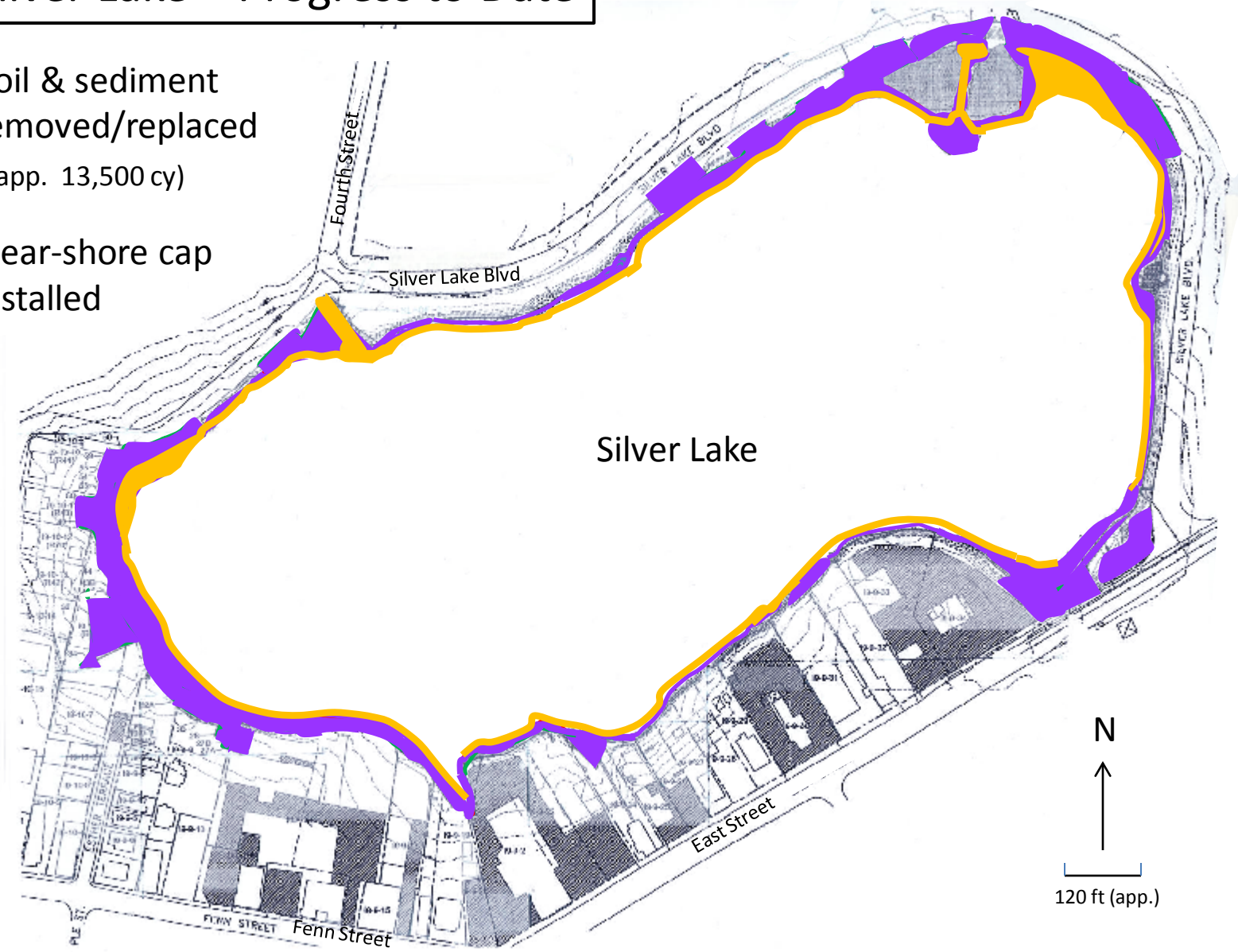
■ - Bank soil removal

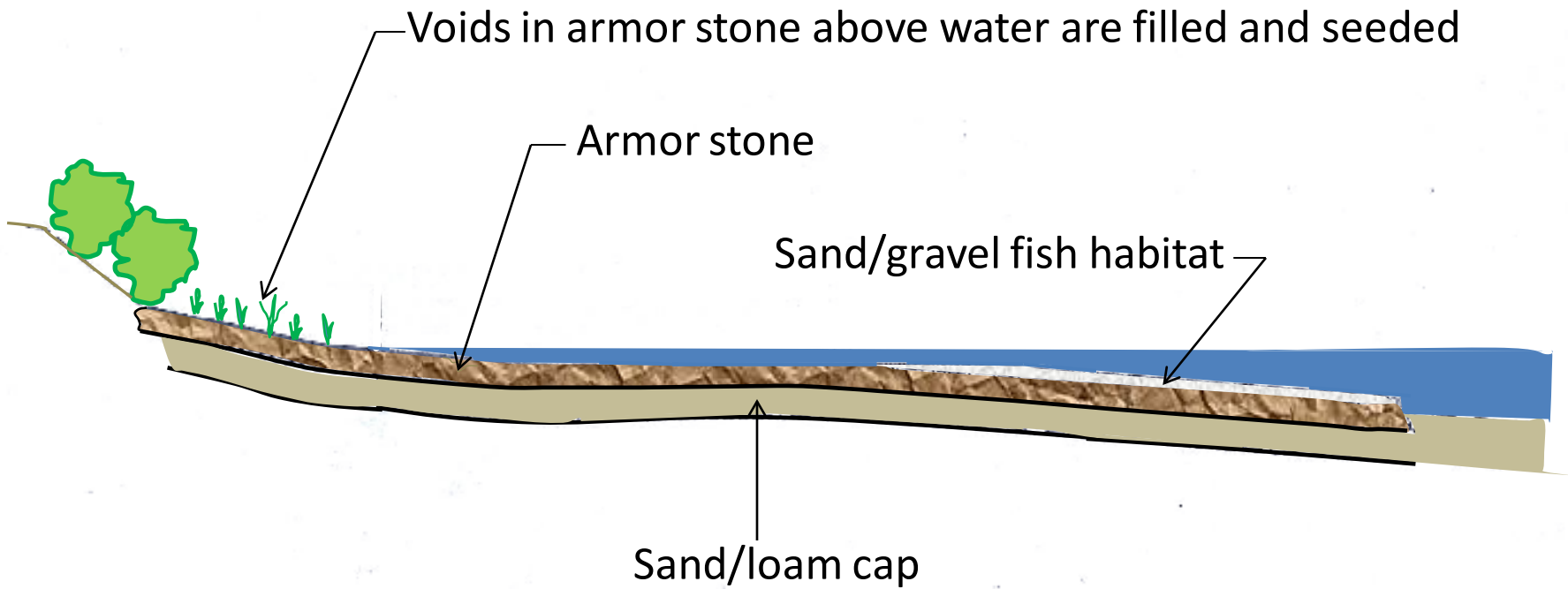
12,200 cy total (design estimate)



Silver Lake – Progress to Date

-  - Soil & sediment removed/replaced (app. 13,500 cy)
-  - Near-shore cap installed





Silver Lake – near-shore cap

Near-shore cap, north shore



Debris removal prior
to hydraulic capping



04.18.2013 08:59

M. Argue Photo

Debris removal prior
to hydraulic capping



04.17.2013 16:22

M. Argue Photo

Hydraulic capping process equipment



04.25.2013 16:25

M. Argue Photo

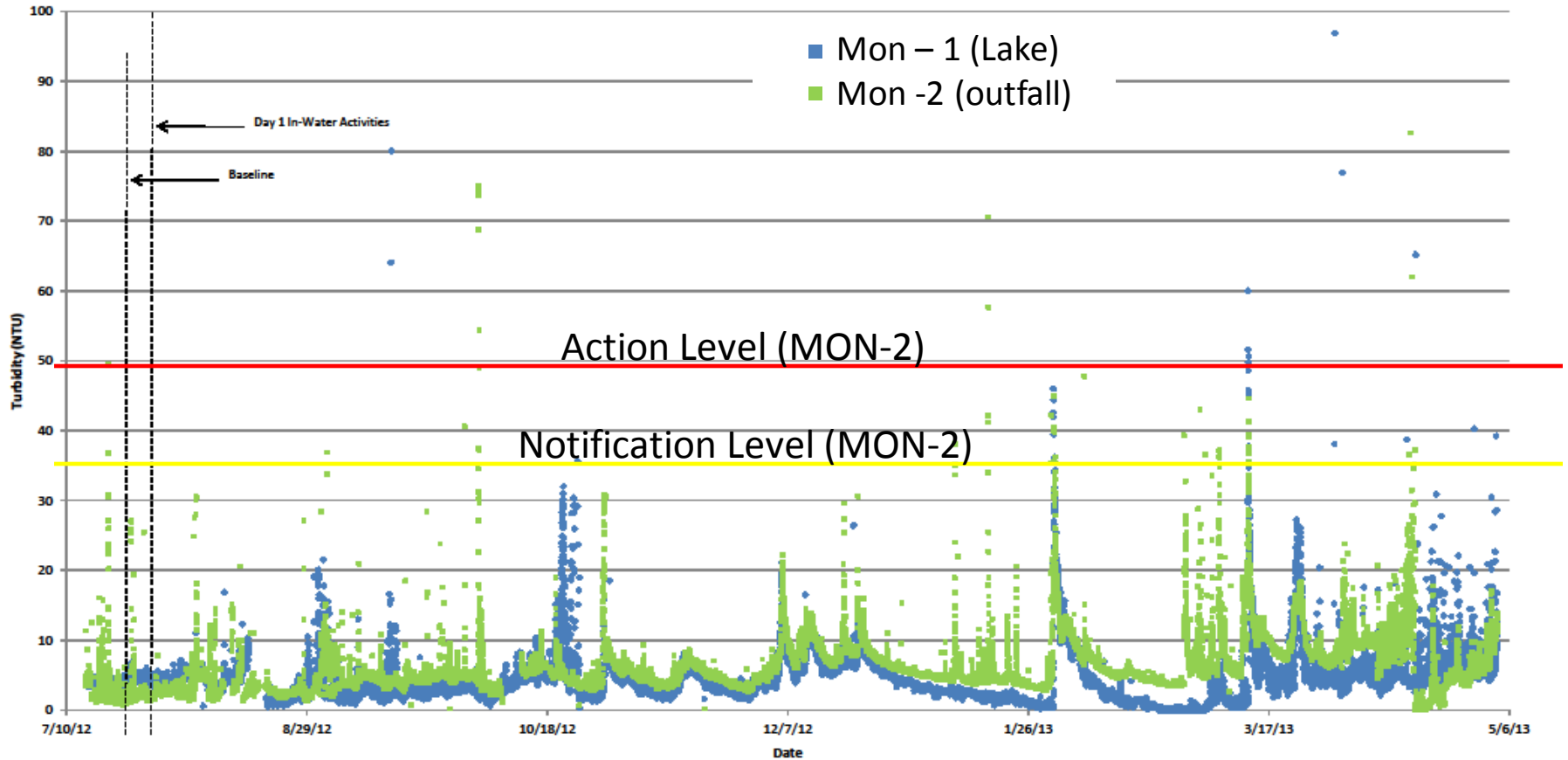
The hydraulic capping/spreader barge under construction



04.25.2013 13:53

M. Argue Photo

Turbidity Monitoring - Silver Lake 2012/13

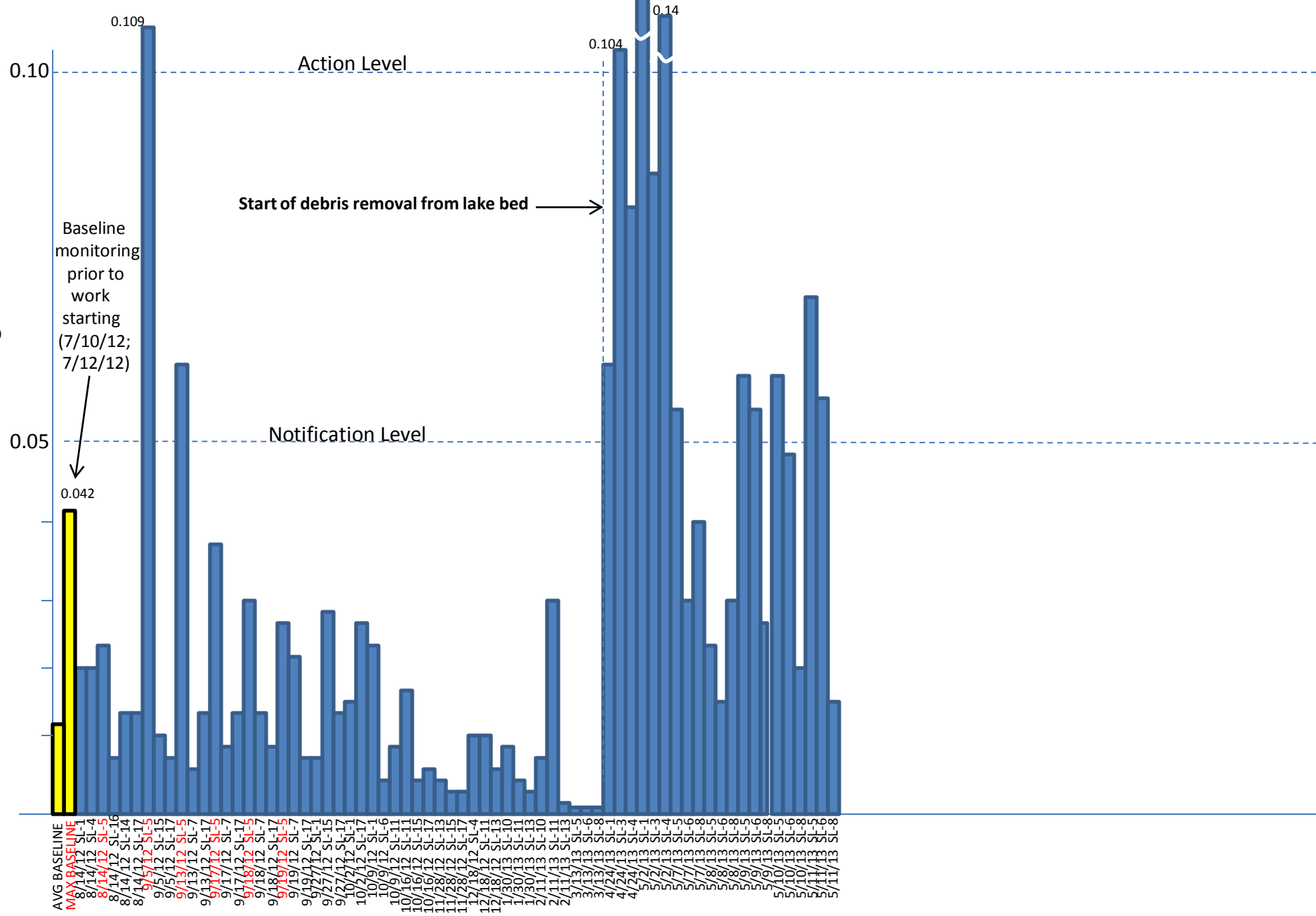


Notes:

1. Major tick marks along the horizontal axis are at midnight. Turbidity measurements were recorded every 15 minutes.
2. During non-work hours, strong storms in the Pittsfield area resulted in exceedances above 50 NTU at MON-2 on 7/24, 8/5, 8/17, 8/27, 9/5, 9/8, 9/22, and 9/30 (in 2012) and 1/31 (in 2013). As these exceedances were caused by weather events and were not attributed to active construction, the observations have been removed from the above Figure.
3. A water quality sample was collected due to the exceedance above 50 NTU at MON-2 on 10/3/12, 1/17/13, 4/15/13.
4. Malfunctions in the real-time turbidity monitor (used to collect the date presented in this Figure) indicated turbidity levels exceeded 50 NTU at MON-1 and/or MON-2 at certain times during and outside of work hours. At such times (or before work was started the following day), manual readings and/or visual observation were performed at MON-2 to confirm that turbidity levels were below the early action level of 35 NTU. The most extraneous of these exceedances have been removed from the above Figure.

Silver Lake Airborne PCB Data – 2012/2013

Airborne PCB level - ug/m3



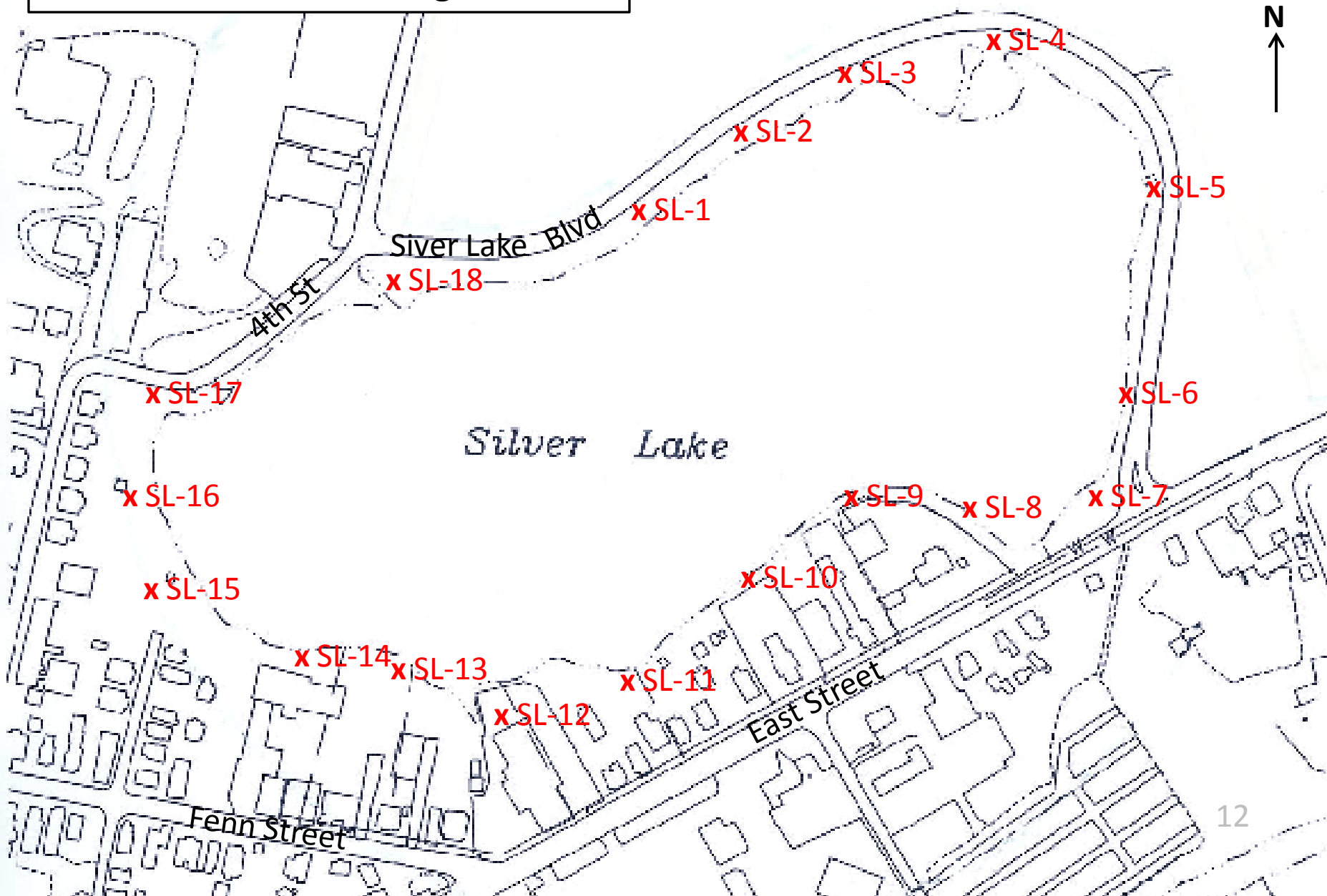
Start Date and Location of 24-hour Air Monitoring Events

Corrective Actions to Control Emissions During Debris Removal

- Daily PCB air sampling during debris removal operations
- Additional PCB air sampling locations
- Use of vapor-suppressant foam to cover removed debris
- Minimize/eliminate holding time in debris stockpile prior to shipment
- Covering debris stockpile with poly sheeting as needed
- Second oil boom and silt curtain around removal operations
- Use of sheen-dispersant as needed, with extra patrol boat

- Dive team to locate and place cables/floats on debris targets (eliminated use of rake attachment to find debris and thus minimized disturbance of lake sediments)
- Minimize/eliminate use of barge anchors (“spuds”) due to dive team’s pre-placed cables/floats

Silver Lake Air Monitoring Locations



SDMS REPOSITORY TARGET SHEET

US EPA New England
Superfund Document Management System /
RCRA Document Management System
Native Files Target Sheet

SDMS Document ID #: 538502

Site Name: GE – Housatonic River

File Type(s) Attached (examples: Excel file or .jpg):

.pptx


Document Type this Target Sheet Represents:

Map Photograph Graph/Chart

Video Compact Disc Other (Specify below)

Description or Comments:

To view the attached files, open the “Attachment Panel”

by clicking the paper clip -  - in the left side panel of this window.

**** Please note to view attachments the software corresponding with the specified file type is necessary. ****

For any additional assistance please contact the EPA New England Office of Site Remediation and Restoration Records and Information Center-
Telephone (617) 918 1440