

# Western Laurel Hawthorn Embayment Remedial Action Implementation

13 December 2017

# Placement Accuracy Through Process Control

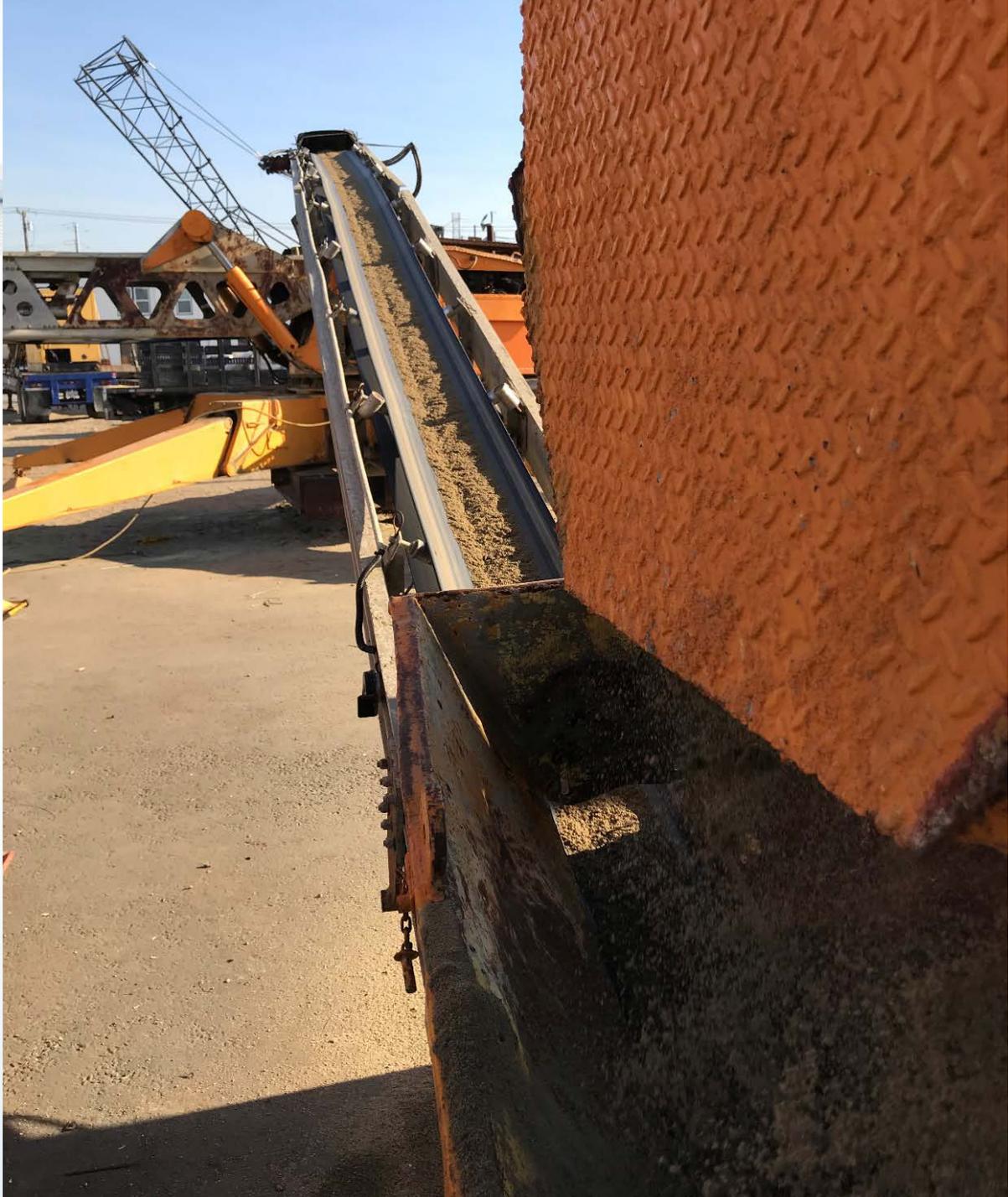
- Goal: to place 6-8 inches of sand/carbon cover evenly over ~1 acre treatment area. Process controls established in the yard before field mobilization.

## Process Controls:

- 1) Sand Placement Rate
- 2) Sediment Delivery Rate
- 3) Sand/Carbon Mixing Efficiency



Calibration of sand placement



# Sediment mixture demonstration

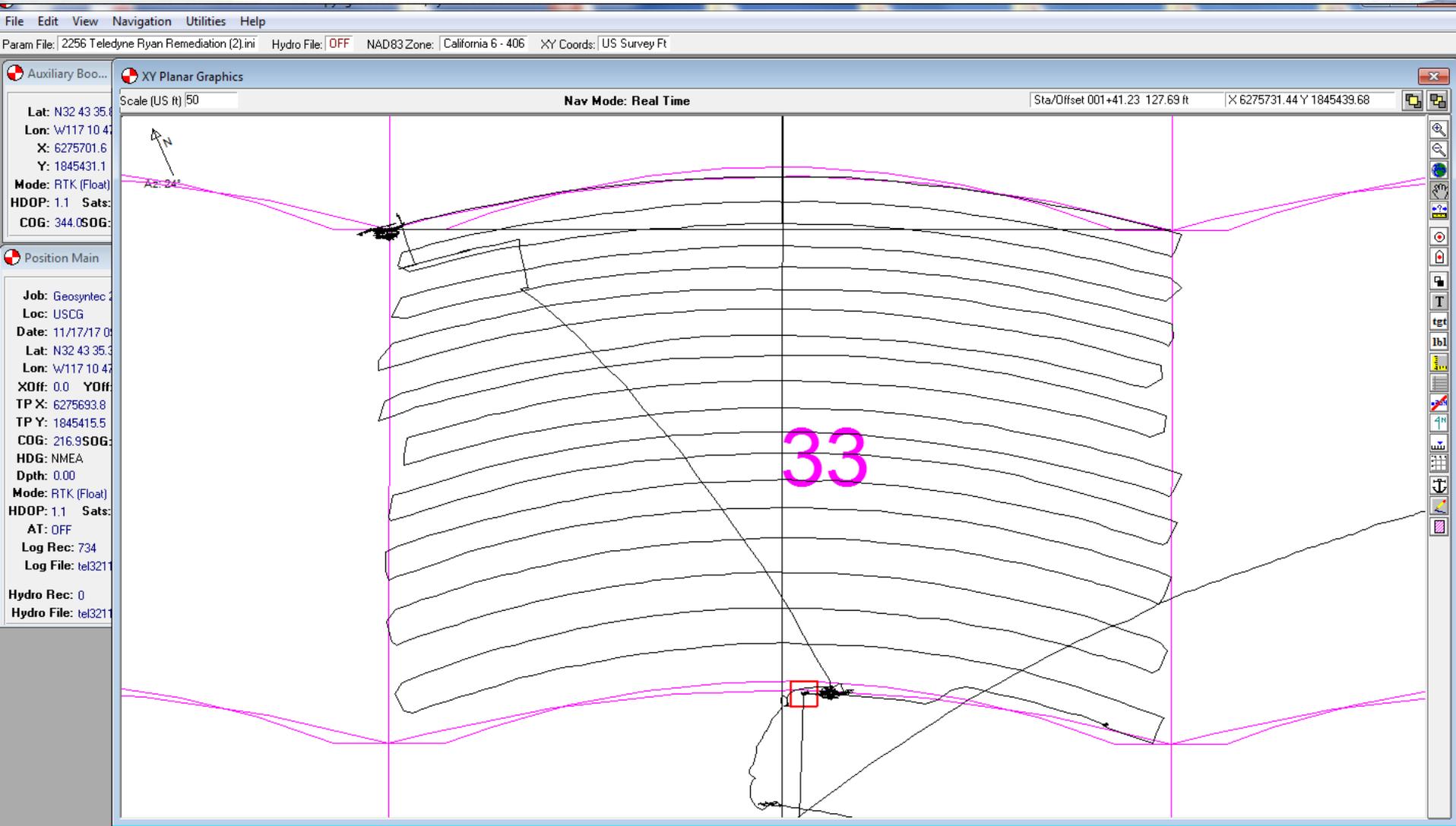




# Sand Cover Placement



# Track coverage area, placement time, and sediment usage to match practice in yard



# Placed Sand Cover



# Confirmation Sand Cores





# Additional Slides

# Dredge Barge with Silt Curtains





Storm Drain  
Extension

# Installation of geotextile panels



Placement of new  
riprap over  
geotextile/  
new pipe section



# Nearshore sediment dredging



# Sand Backfill

