

Hudson River Dredging Project Phase 2: Year 1

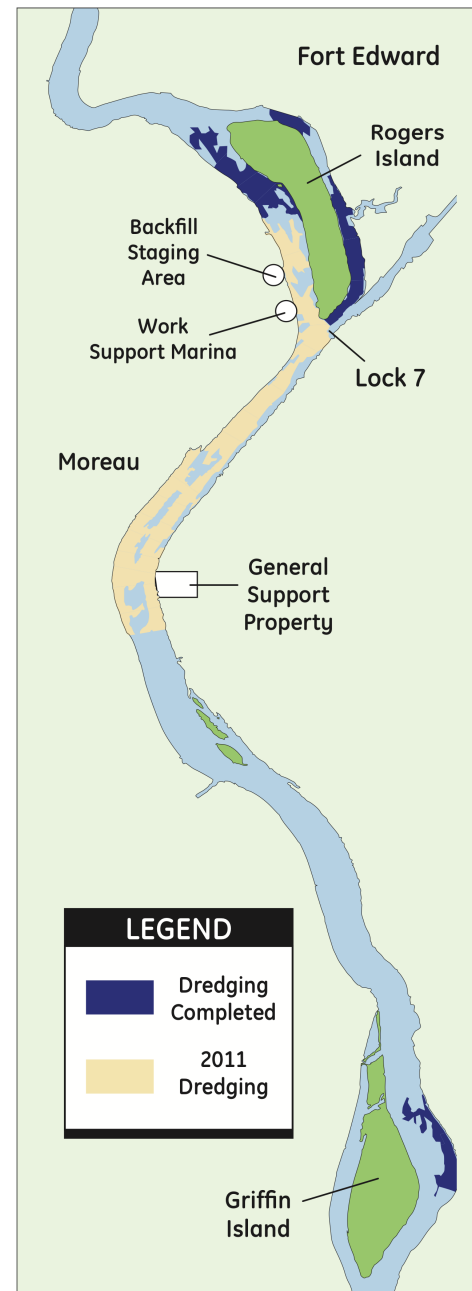


CAG Meeting
September 22, 2011



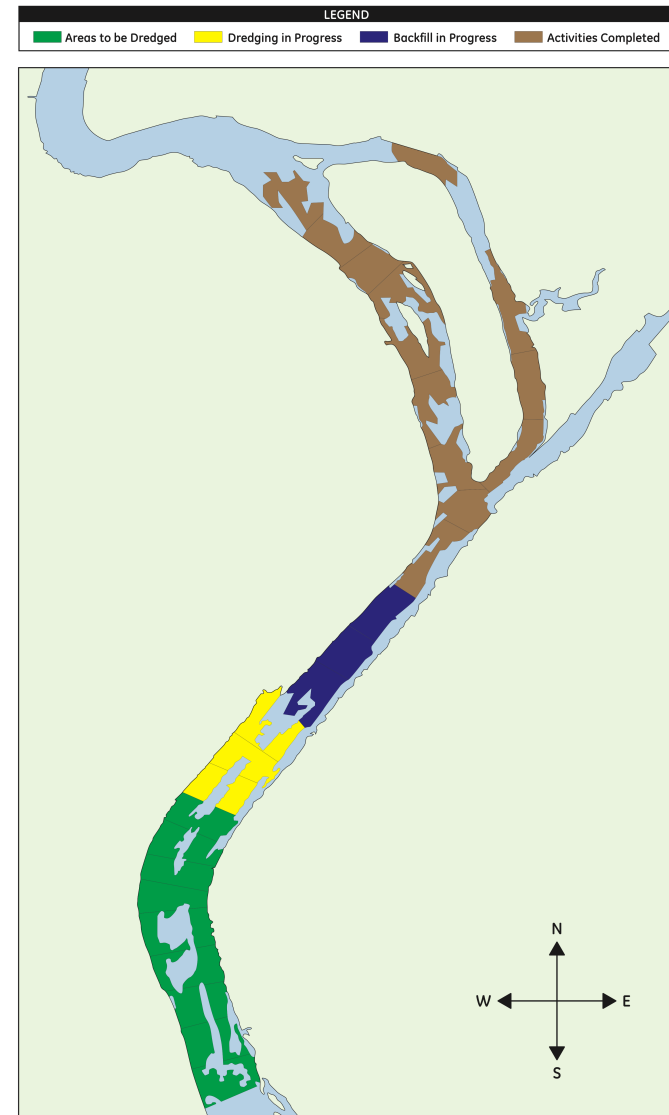
2011 Dredging

- > Began June 6 south of Rt. 197 Bridge
 - Start delayed due to spring floods
 - Tropical storm delays
- > 24/6 work schedule
- > 1.5-mile stretch of river
- > 80 vessels in river
- > Expect to dredge more than 300,000 cubic yards



2011 Dredging

- > 2.5 dredges operating
- > Dredged 216,000 cubic yards to date (11 CUs completed or active)
- > Dredging to continue as long as weather permits and locks remain open
- > Backfilling/capping after dredging
 - 146,000 tons of backfill/cap material placed
- > Backfill/cap completed 5 CUs; backfill/cap underway 3 CUs;
- > 1.4% dredge areas capped (NCI)



Best Management Practices

- > Reduced number of dredge passes
- > Fewer number of dredges operating at one time
- > Dredging of only three contiguous dredge areas (CUs)
- > Stop dredging when rock or clay is encountered



Best Management Practices

- > Improved definition of depth of PCB contamination as result of 2010 sampling program
- > Simplified CU acceptance process once dredging is completed



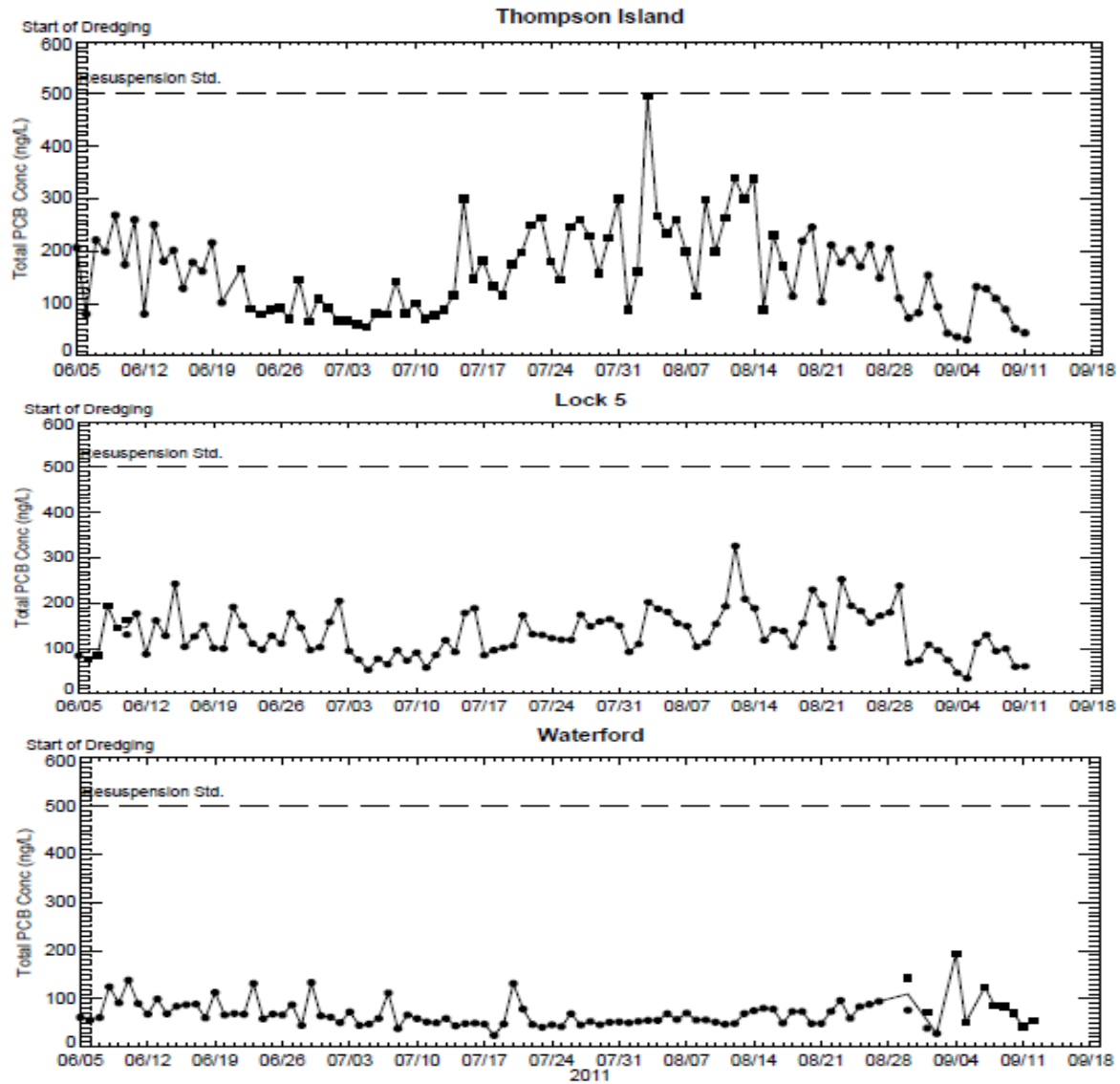
Resuspension Standard

- > Control Level Exceedance: Single exceedance of 500 ppt Total PCBs at TID or Schuylerville
 - If occurs, may require evaluations of dredge operations and/or implementation of best management practices

- > Standard Level Exceedance: Total PCB levels > 500 ppt for 5 days of any 7-day period at Schuylerville OR single exceedance at Waterford
 - If occurs, may require slow down or shutdown of upstream dredging operations



PCB Levels in Water



Processing Facility Improvements

- > New sediment unloader to unload barges
- > Barge haul system improvements
- > Barge decant station added



Processing Facility Improvements

- > New trommel feed system
- > Increased washing of material in trommel
- > Additional bank of hydrocyclones
- > Increased size of polymer feed system



Processing Facility Progress

- > Unloaded nearly 400 barges
- > 13 trains shipped off-site
 - Nearly 104,000 tons shipped
 - Material being shipped to disposal facilities in Idaho and Michigan (both used for disposal of 2009 sediments)
- > 76 million gallons of water treated



2011 Habitat Planting

- > Inspections concluded replanting necessary in most Phase 1 dredge areas
- > Planting performed in June-July
- > Placed by divers and waders using dive platform with support vessels
- > 2011 dredge area habitat design underway



Community Outreach

- > GE project website:
www.hudsondredging.com
- > Project updates
- > NYS Canal Corp. Notices to Mariners
- > Informational telephone lines:
518-792-4087 and 1-888-596-3655
- > Hudsonworks.net
 - More than 240 local businesses have worked on project since 2007

