

# Dredging Project Update

Community Advisory Group Meeting  
August 20, 2015

# Dredging Project Update – 2015 Summary



- Volume removed in 2015:  
176,000 cubic yards
- Volume removed to date:  
2,700,000 cubic yards
- Dredging and backfilling ongoing
  - 13 weeks of dredging
  - 34 acres dredged
  - Several areas posed unique challenges



# Dredging Project Update – 2015 Summary



- Capping: 7.5% (Inventory: 0.5%)
  - Does not include bedrock, clay, and archaeological/ structural offsets
- 10 TSCA (>50 ppm) trains shipped in 2015 season as of 8/17/15
- 3 Non-TSCA (<50 ppm) trains shipped in 2015 season as of 8/17/15
- SAV Planting in 2014 dredge areas completed
- RFW Planting in 2014 dredge areas in progress

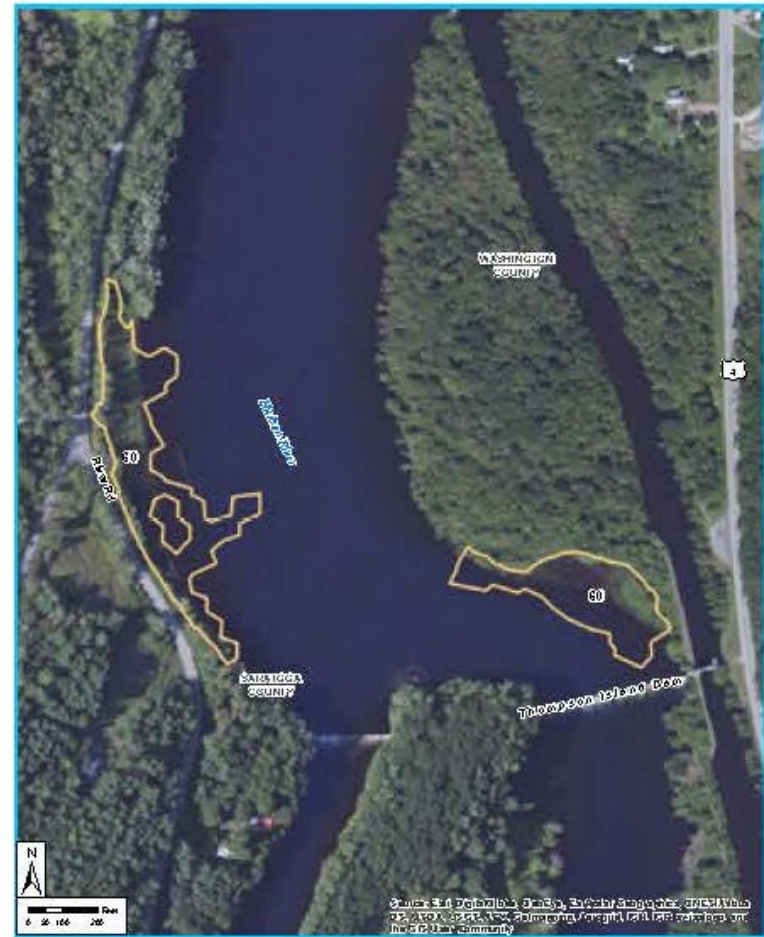
# Dredging Areas in 2015



CU 60, directly north of Thompson Island Dam:

This area required the use of a land-based approach to some dredging, due to its proximity to the dam

- Dredging complete
- Backfill ongoing





# Dredging Areas in 2015



CUs 64, 65, and 66, in the land-locked section of the river:

Dredging of these areas began in 2014

- Dredging complete
- Backfill ongoing



# Dredging Areas in 2015



CU 96, directly north of Lock 2 on the west side of the river:

This area required consideration and careful monitoring of cultural resources

- Dredging complete
- Backfill ongoing



# Dredging Areas in 2015



CU 99, in a cove near Kelts Grove in Waterford:

This area required consideration and monitoring of cultural resources impacts

- Dredging complete
- Backfill adjustments anticipated





# Dredging Areas in 2015



CUs 94 and 95, near Quack Island above Lock 2:

Dredging in these shallow areas require special methods and is affected by the presence of sensitive wildlife

- Dredging ongoing
- Backfill ongoing



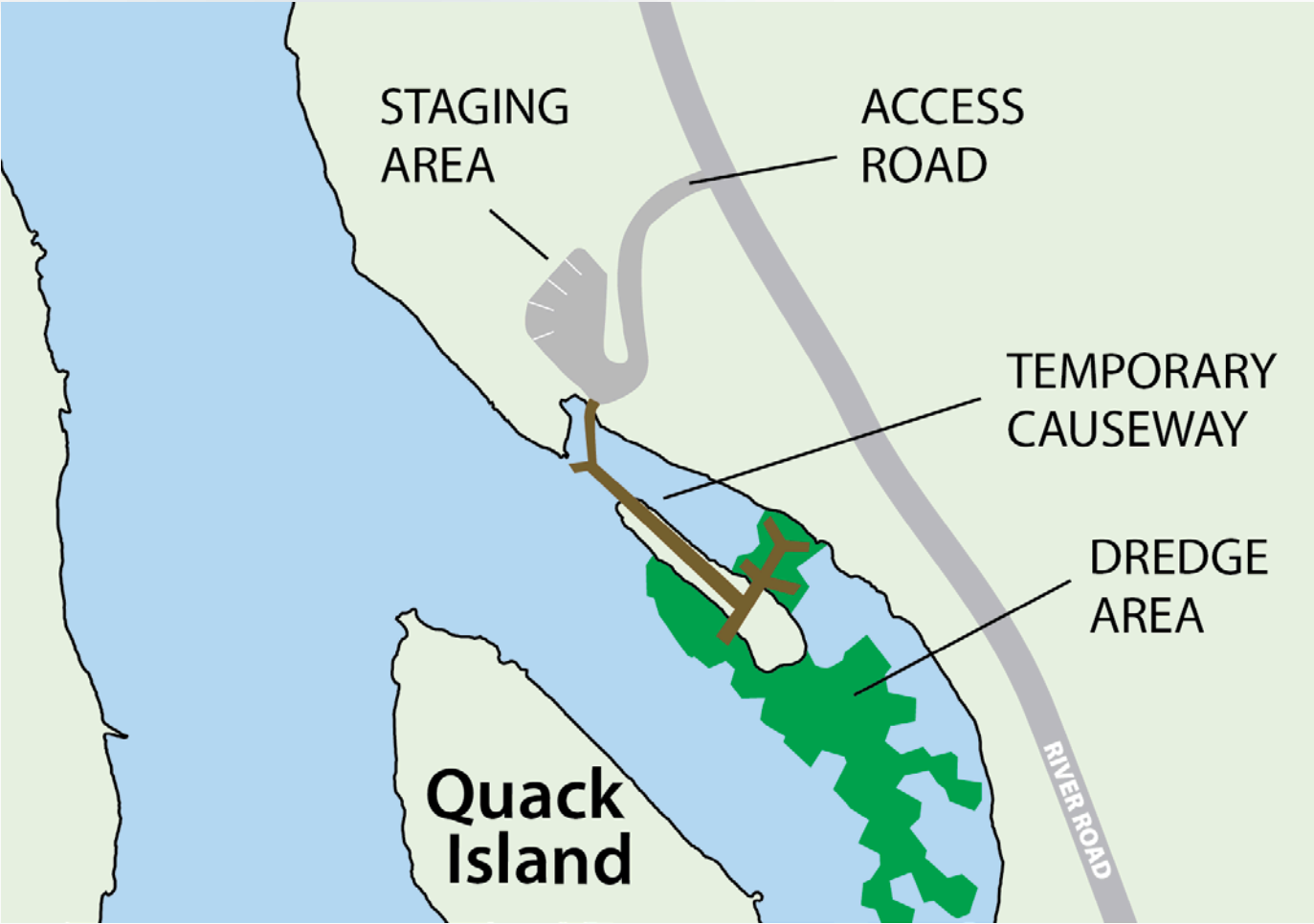
# Dredging Ongoing Near Quack Island



- Dredging began late in season to avoid bald eagle nesting period
  - Approximately 35,000 cubic yards targeted
  - Dredging to be completed by mid-October, followed by backfilling
- Other challenges:
  - shallow bedrock (milling required), no southern access, limited access from adjacent land
- Constructed land-based staging area



# Dredging Ongoing Near Quack Island



# 2015 Monitoring



- Water
  - No exceedance of water quality standard of 500 ppt at far field stations
- Air
  - No exceedance of air quality standards
- Other
  - Monitoring of noise and light conducted for new operations and when complaints are received



# 2015 Habitat Planting



- SAV Planting
  - More than 60,000 SAV plant units installed
  - 5.6 acres planted
- RFW Planting
  - More than 30,000 plants in 2.9 acres to be placed
  - Planting is continuing
- To date over 500,000 plants have been installed
- RFW Seeding
  - Seeded 0.75 acres
  - Approx. 3 acres remain to be seeded
  - Will be performed when temperature requirements are met



# Processing Facility Decommissioning and Demobilization



- Decommissioning: removal of infrastructure and restoration of site
  - Preliminary plan under review by EPA
  - Decommissioning of Processing Facility has not started
- Demobilization: decontamination and removal of equipment
  - Equipment that is no longer needed to complete the remedial action
  - Decontaminated, sampled, and removed from site
  - Demobilization is typical project activity



# Demobilization of River Support Facilities And Equipment



- Backfill/cap loading activities complete at Saratoga Barge Loading Area (SBLA)
- Dredges and barges no longer needed are being decontaminated
- Equipment at Route 4 crew staging and support area being demobilized
- Land-based support property north of Thompson Island Dam (CU 60-2): equipment demobilized, site partially restored
- Equipment at ITA and LBLA being demobilized

# Processing Facility Demobilization



- Operations at northern barge unloading station discontinued and equipment being demobilized
  - Size separation system
- Mobile equipment demobilized as no longer needed
  - Heavy equipment, light plants etc.
- Discussions continue between GE, EPA, NYS, property owners and municipalities regarding facility decommissioning and future use





# Facility Demobilization



733 ft

Google earth

# Next Steps



- Completion of RFW planting
- Completion of dredging and backfilling near Quack Island
- EPA to provide comments on preliminary decommissioning plan
- Decommissioning of Processing Facility planned for 2016
- Demobilization of equipment as no longer needed for project
- Final walkthrough of all sites with EPA, GE, and NYSDEC
- Planting of remaining areas to be performed in 2016
- Long term monitoring of water, fish, sediment, caps etc. will continue
- Cleanup will be evaluated on ongoing basis
- Five year reviews will be completed

# Questions?

