

Community Advisory Group Meeting



October 30, 2014

2014 Dredging Review

- Goal: 350,000 cubic yards
- Approach to dredging, processing, backfill and disposal similar to prior years
- Areas targeted for 2014 dredging:
 - Schuylerville south to Troy
 - Inaccessible area between Thompson Island Dam and Fort Miller Dam (landlocked area)
- Backfill/cap material placement
 - Started season using Saratoga Barge Loading Facility in Northumberland
 - Finishing season using Rensselaer Barge Loading Facility in Schaghticoke



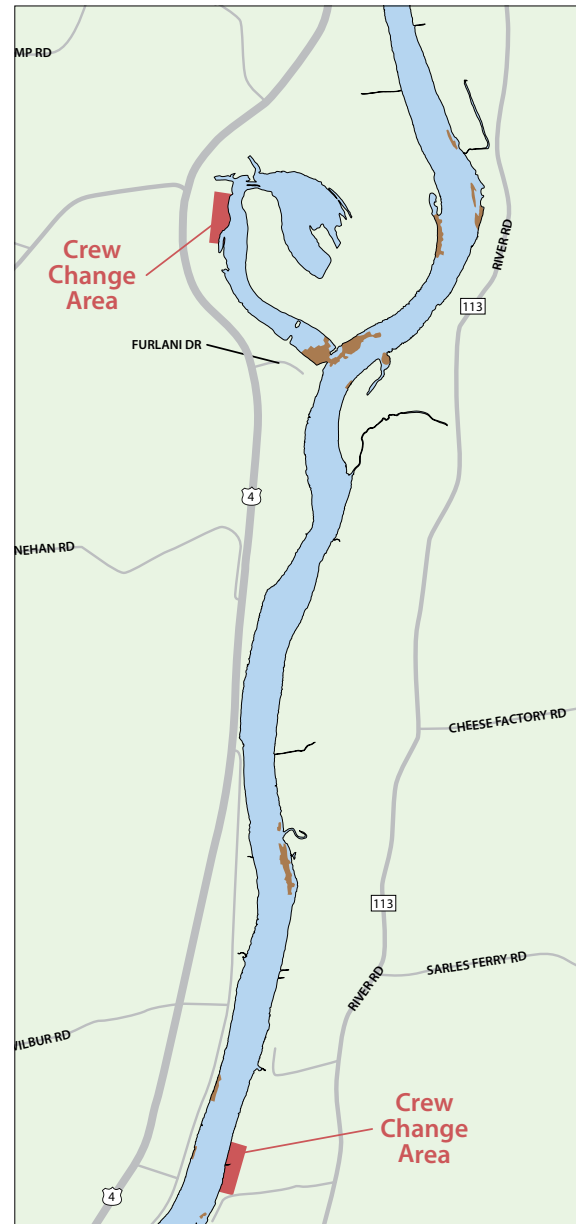
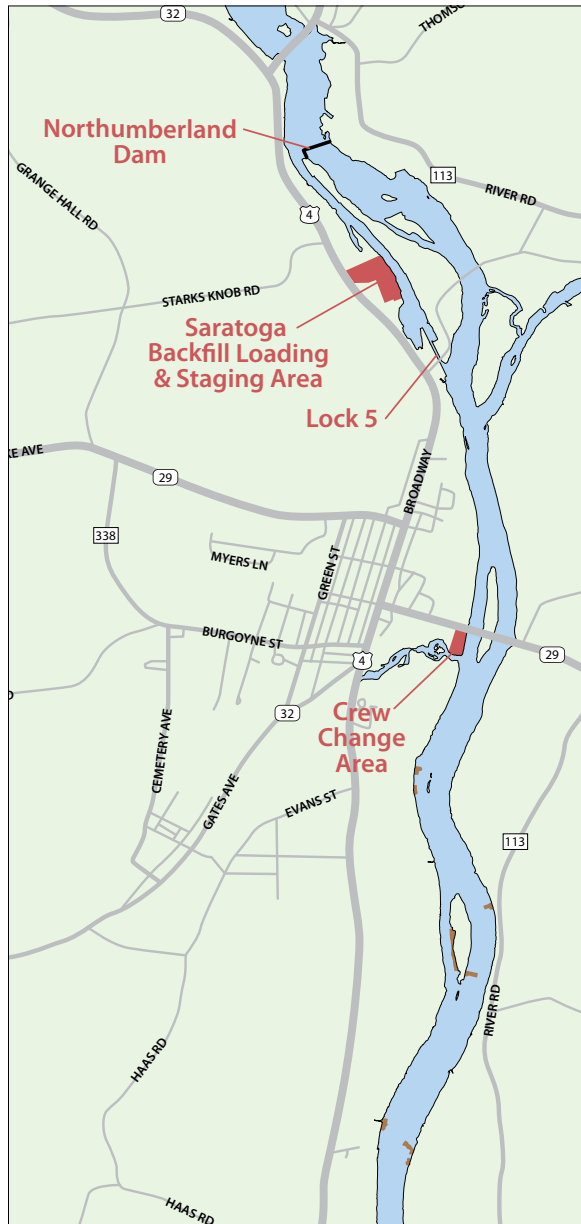
Phase 2 Year 4: Main-Stem River Operations

- Dredging began May 7, 2014
 - 25 weeks completed
- 3-4 dredges operating
- Dredged more than 487,000 cubic yards thru Oct. 25, 2014
 - 16 CUs completed or active
 - Approximately 73 acres dredged
 - Forecast to complete all 2014 dredging by early November
- Backfilling/capping after dredging
 - 47 acres covered through Oct. 23, 2014
 - Forecast to complete backfilling/capping by early December

Phase 2 Year 4: Main-Stem River Operations

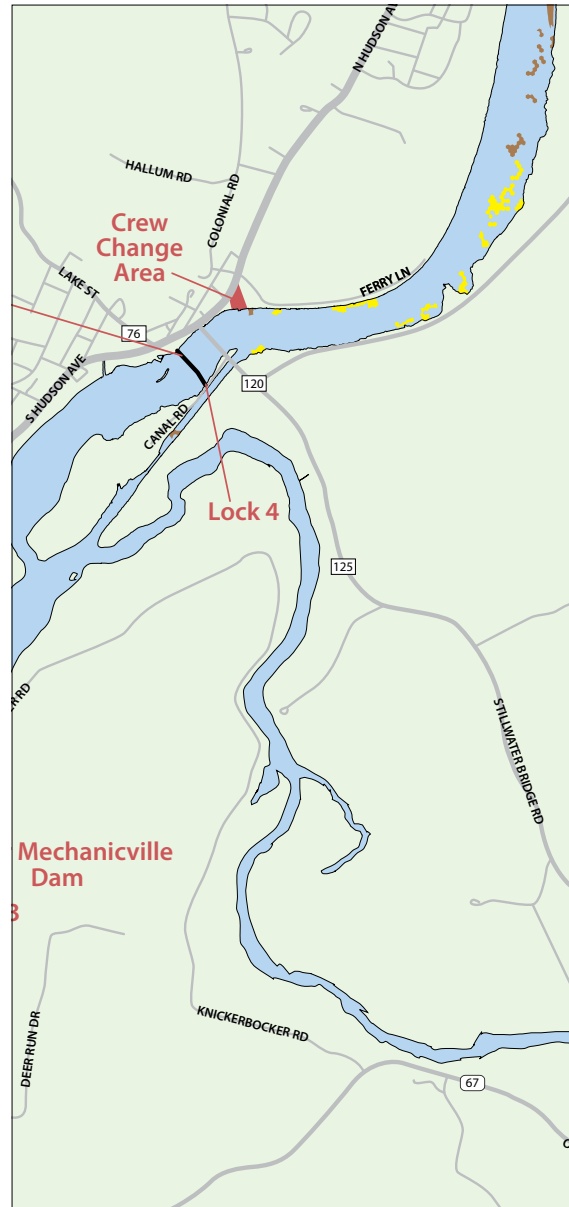


Map of Current Progress



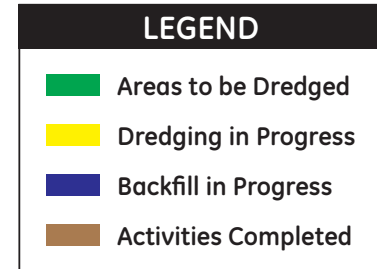
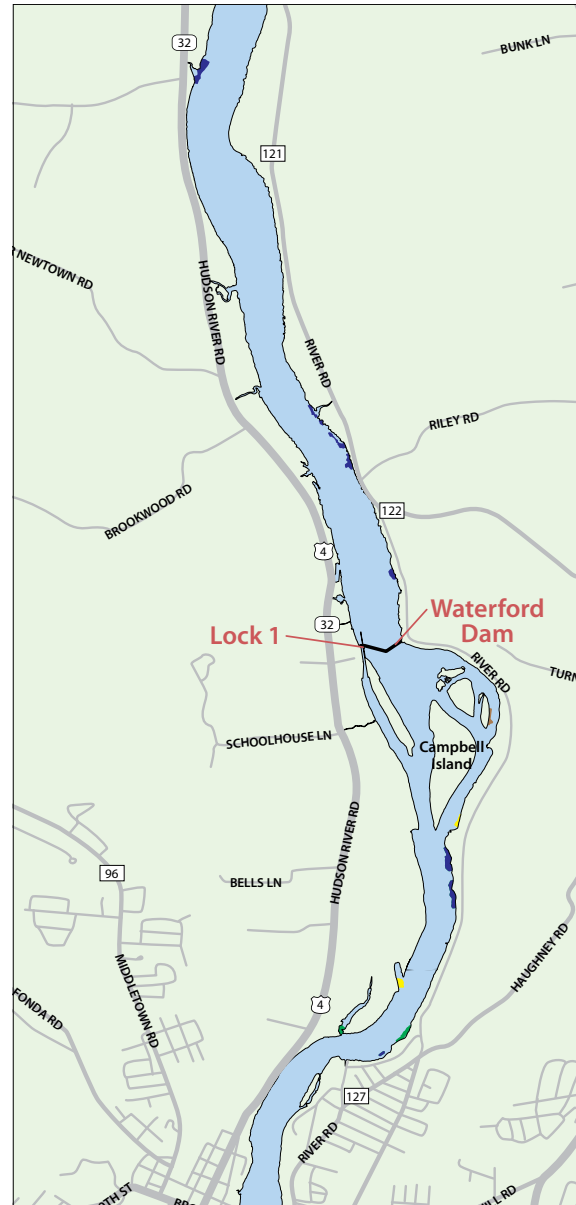
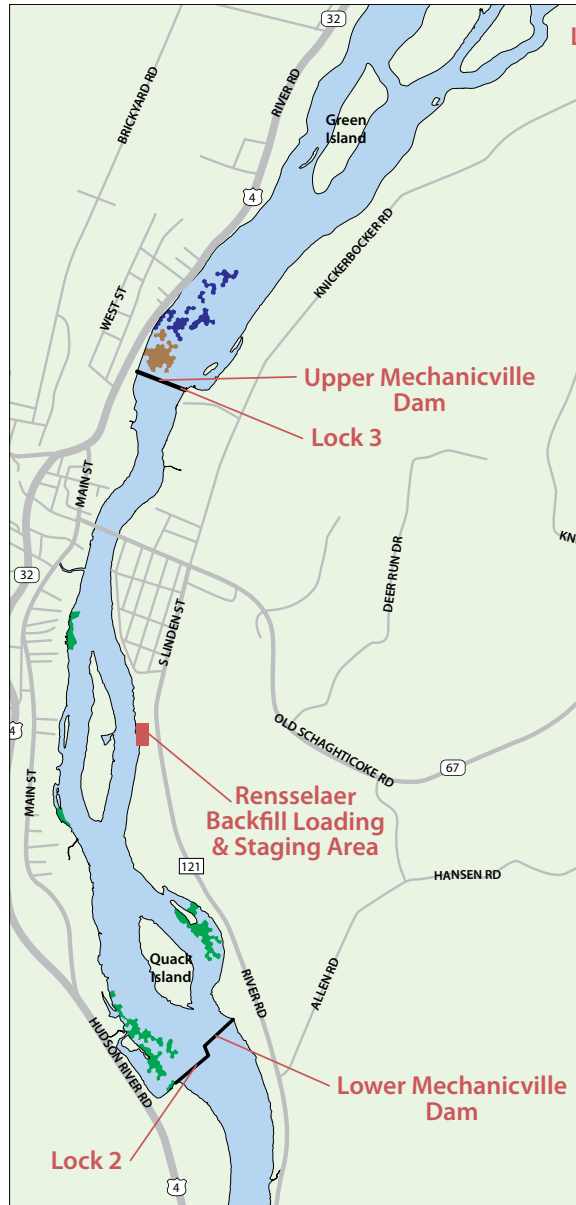
LEGEND	
■	Areas to be Dredged
■	Dredging in Progress
■	Backfill in Progress
■	Activities Completed

Map of Current Progress



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■	Areas to be Dredged
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Map of Current Progress



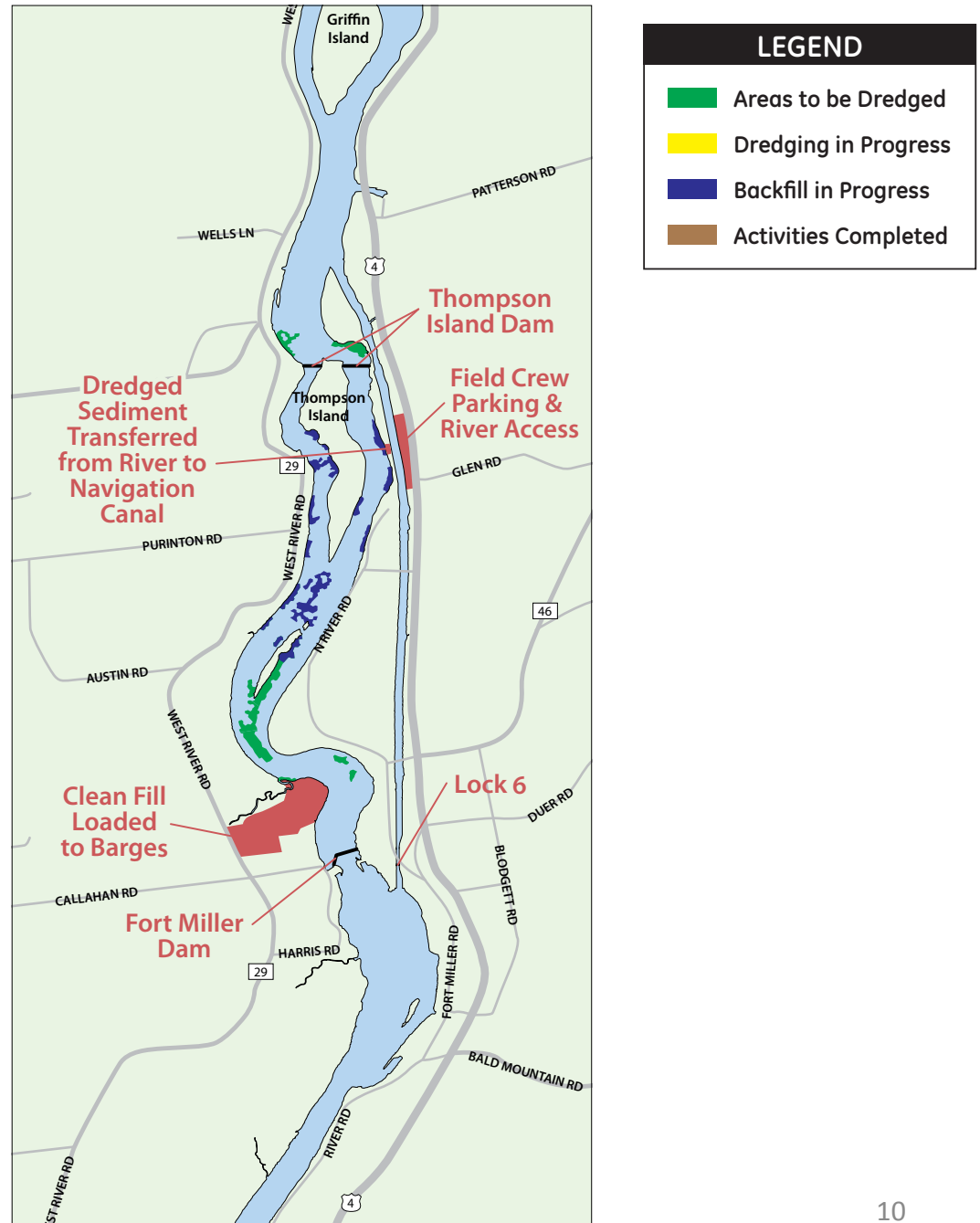
Rensselaer Barge Loading Area



Phase 2 Year 4: LandLocked River Operations

- Dredging conducted July 15 — October 18, 2014
 - 15 weeks completed
- Dredged more than 84,000 cubic yards thru Oct. 18, 2014
 - More than 19 acres dredged
- Used Landlocked Barge Loading Area (Northumberland) and Isthmus Transload Area (Fort Miller)
- Backfilling/capping after dredging
 - Approximately 10 acres covered through Oct. 23, 2014
 - Backfilling/capping began Sept. 11, 2014; forecast to complete late November

Map of Current Progress



Phase 2 Year 4: Processing Facility Operations



Phase 2 Year 4: Processing Facility Operations

- Consistent 24/6 operations
- More than 850 barges unloaded to date
- North and south unloading wharfs operational
- More than 9,500 filter press drops; material is finer-grained



Phase 2 Year 4: Transport

- Railcar shipping began June 13, 2014
- Material shipped to EPA-approved disposal facilities in Oklahoma, Ohio and Michigan
- 52 unit trains (each 93 or 65 rail cars carrying approx. 106 tons each) shipped as of Oct. 27, 2014
 - Approximately 480,000 tons of material shipped off-site



2014 Habitat Planting in Thompson Island Pool, Northumberland, and Stillwater Pools

- RFW planting
 - Performed June 4 — Aug. 28, 2014
 - 13 acres, approximately 130,000 plant units
 - Zone A seeding completed (approximately 2 acres)
 - Zone B seeding (11.5 acres), waiting for water temperatures below 40 degrees
 - More than 800 live stakes to be planted later this fall, based on required conditions
- SAV planting
 - Performed June 17 — Aug. 22, 2014
 - More than 18 acres, approximately 194,000 plant units

2014 Habitat Planting



Monitoring Update

Water

- No Total PCB standard level exceedances to date (out of 933 samples)
- PCB Load at far-field station below 14-day standard

Air

- PCBs in air detected above residential air standard in 0.23% of samples (6 out of 2,629 samples)
 - Reflects one-tenth of the rate seen in 2013 (2.46%)
- Best management practices include:
 - Moving dredge operations between high- and low-concentration areas
 - Covering higher-concentration sediments with water
 - Tracking, prioritizing barges with higher-concentration sediments for transport, unloading and processing

Capping percentages below specified limits

- 7.3% of nodes capped, project to date (below the 11% standard)

Next Steps

- Demobilize equipment
- Winterize plant and equipment
- Complete shipping of material off-site (forecast mid-December)
- Plan for 2015



Questions/Comments

