

The Upper Hudson River Dredging Project: 2012 Season



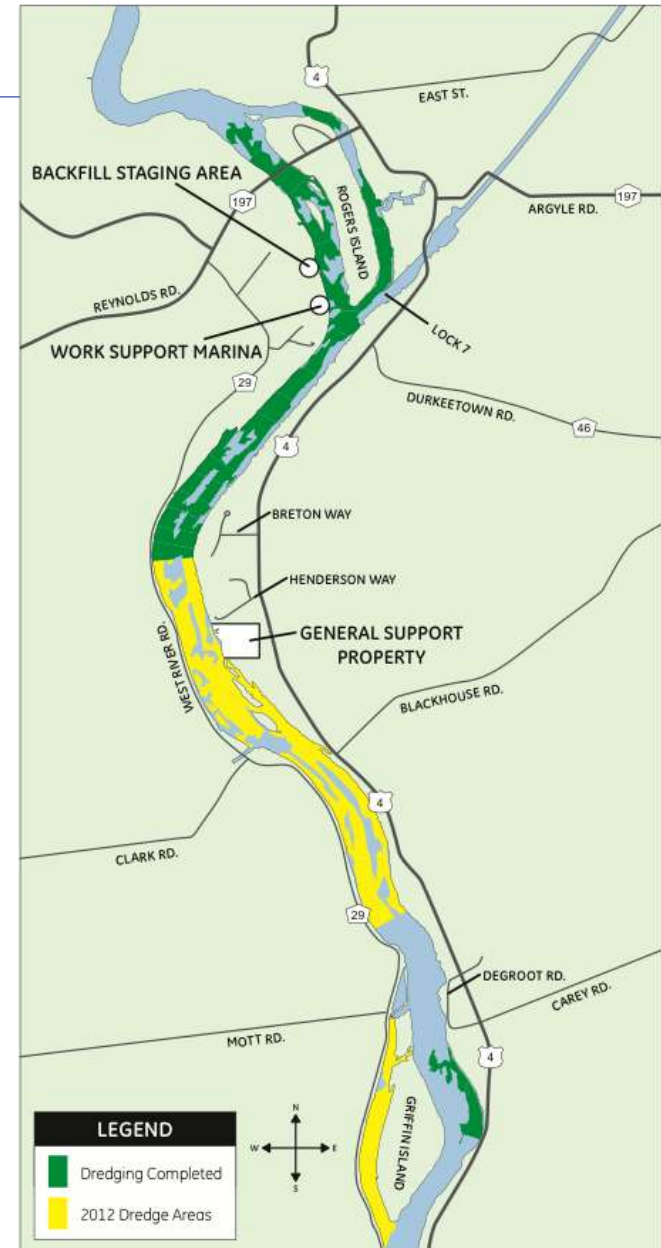
EPA Community Advisory Group
March 22, 2012



2012 Dredging

- > EPA Goal: 350,000 cubic yards
- > May-November
- > 24/6 work schedule
- > Dredging from Rt. 4 general support property to Griffin Island
 - Generally north to south
 - Three Sister Islands
- > Compliance with EPA standards

2012 Dredge Areas



Contracting

Completed:

- > Shaw Environmental and Infrastructure to operate processing facility
- > Finger Lakes Railway to operate rail yard

Nearing completion:

- > Dredging operations, backfilling, capping
- > Disposal and rail contracts
- > Monitoring and testing services
- > NYS Canal Corporation extension of lock operations to support project



Technical Documents Drafted

- > Phase 2 Year 2 Remedial Action Work Plan
- > Phase 2 Year 2 Final Design Report
- > Phase 2 Year 2 Community Health and Safety Plan
- > Phase 2 Year 2 Remedial Action Health and Safety Plan
- > Phase 2 Year 2 Remedial Action Monitoring Quality Assurance Project Plan



Improvements at Processing Facility

2012 Processing Facility Improvements



LEGEND



Coarse Material Staging Area Expansion Project



Additional Gravity Thickener Construction



Additional Barge Unloading Station Construction

Expanding Unloading Wharf



Second Gravity Thickener Tank



Additional Activities

- > Coarse material staging area expanded
- > Evaluating barge-mounted water treatment
- > Survey of 2009 dredge areas planted in 2011
- > Evaluating habitat program for 2011 dredge areas



Anticipated Schedule: March-April

- Set up support facilities
- Mobilize equipment
- Assemble tree-trimming, dredge and backfill platforms
- Assemble excavators and buckets
- Set up Vessel Traffic Center
- Rehabilitate, repair process equipment
- Re-assembly of pipes, pumps, tanks at processing facility
- Delivery of backfill/cap material to W. River Road barge loading facility



Anticipated Schedule: April-May

- NYS Canal Corp. opening of lock system
- Install docks at work support marina
- Pre-dredge survey
- Place excavators on dredge platforms
- Place vessels in river
- Tree trimming
- Move 17 barges to river moorings
- Move vessels north from Troy



Anticipated Schedule: May-Summer

- Calibrate dredge equipment
- Test monitoring systems and begin water monitoring
- Mobilize rail yard equipment and railcars
- Complete equipment assembly
- Begin dredging and processing operations
- Begin loading railcars three weeks after dredging
- Begin backfilling



Questions

