

# The Upper Hudson River Dredging Project: 2011 Season

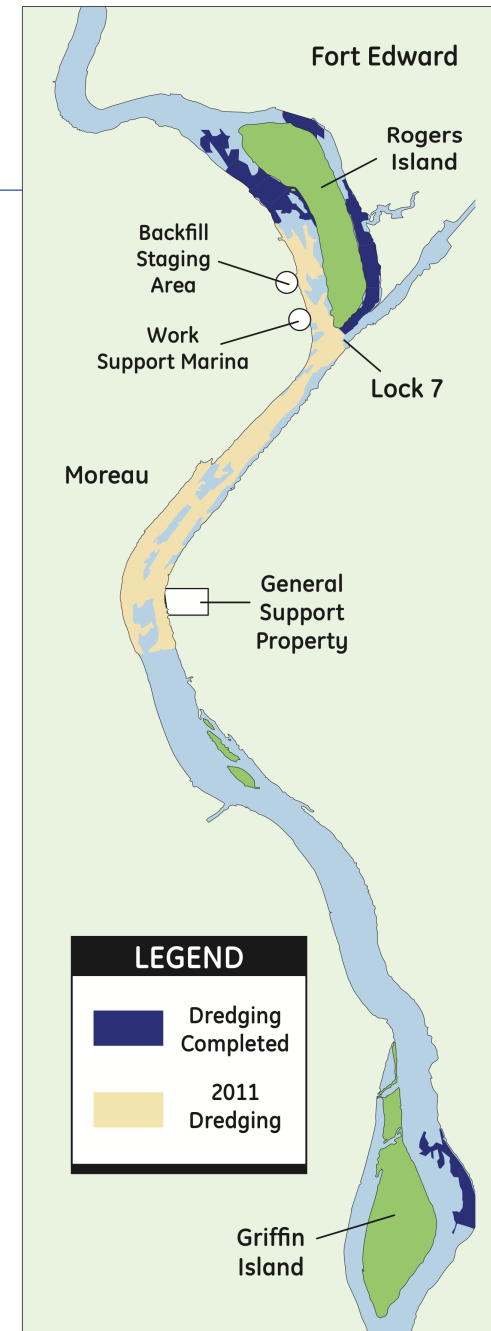


EPA Community Advisory Group  
April 28, 2011



# 2011 Dredging

- > Target: 350,000 cubic yards
- > May-November
- > 24/6 work schedule
- > Dredging south of Rt. 197 bridge to Rt. 4 general support property
  - Generally north to south
  - No dredging in eastern channel of Rogers Island



# Contracting

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## Completed:

- > Cashman Dredge & Marine to perform dredging operations, backfilling, capping
- > Shaw Environmental and Infrastructure to operate processing facility
- > Finger Lakes Railway to operate rail yard
- > NYS Canal Corporation to extend lock operations to support project

## Nearing completion:

- > Disposal and rail contracts
- > Monitoring services
- > Habitat reconstruction



# Readying for Project

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- > Technical Documents in Place:
  - Phase 2 Remedial Action Work Plan
  - Phase 2 Final Design Report
  - Community Health and Safety Plan
  - Remedial Action Health and Safety Plan
  
- > Processing Facility Improvements
  
- > Mobilization and Pre-dredging Activities



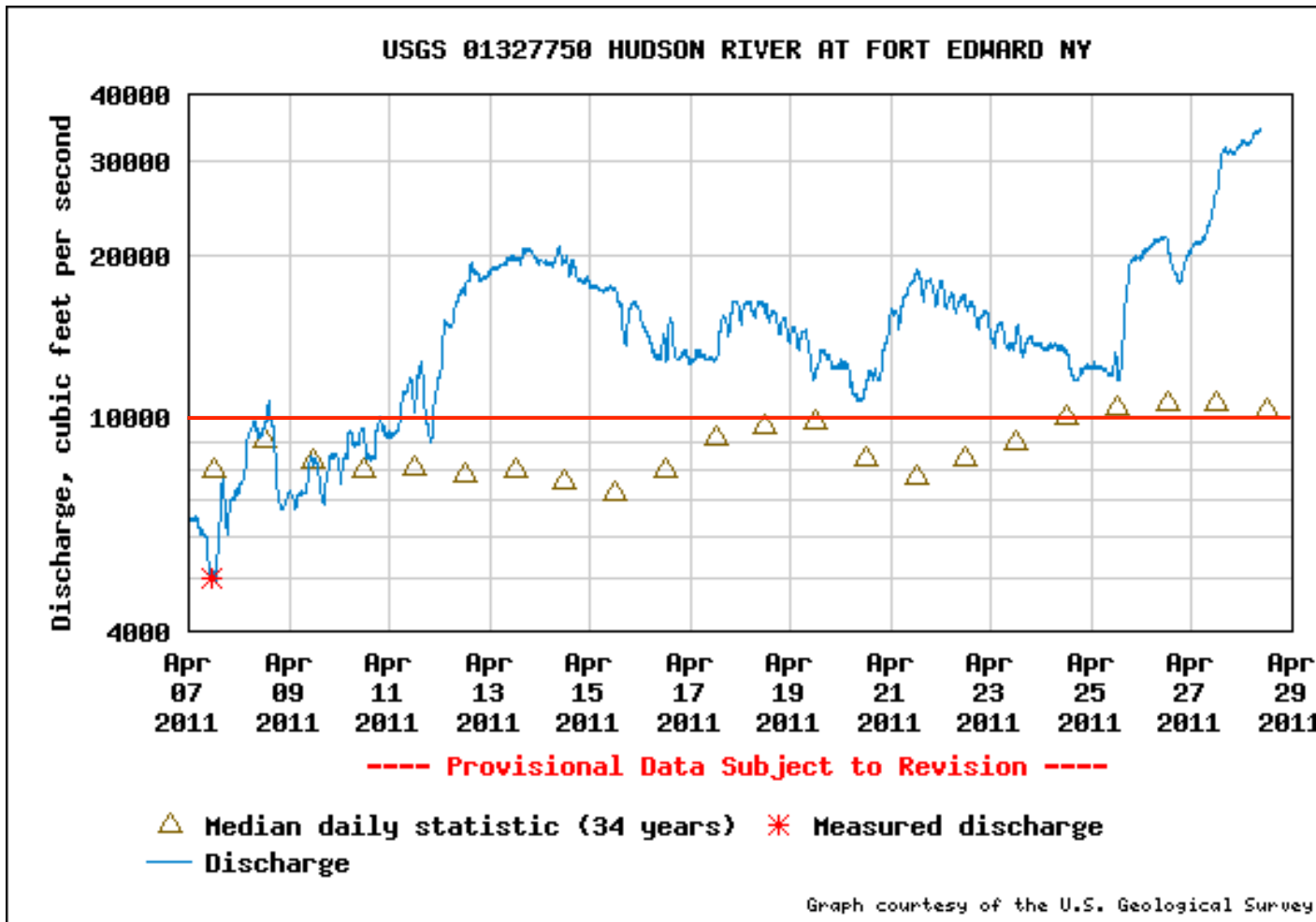
# Improvements at Processing Facility

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- > Modified trommel feed system
- > Modified system for moving barges along wharf
- > Added barge pump-out and barge clean-out stations
- > Modified fender system at wharf



# High River Flows

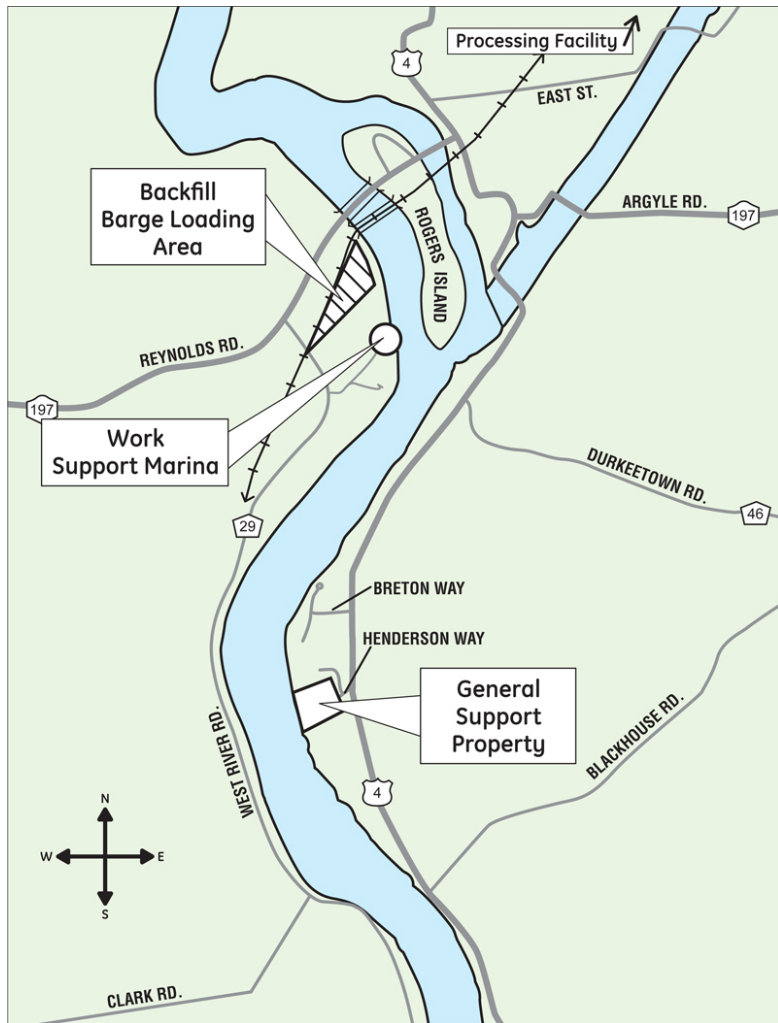


Small craft  
work  
restrictions at  
10,000 cfs  
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# Mobilization



Route 4 general support property



Work support marina



# On-Going Activities

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





# Anticipated Schedule

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## Activities on Hold Due to River Flows

- 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 10 backfill barges from Troy



# Anticipated Schedule

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- Early May**
- Calibrate dredge equipment
  - Test monitoring systems and begin water monitoring
  - Mobilize rail yard
  - Complete equipment assembly
- Mid May**
- Begin debris removal
  - Begin dredging
  - Planting in Phase 1 dredge areas
- Late June**
- Begin rail shipments to disposal sites



# Anticipated Schedule

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- October**
  - Complete dredging
  - Complete backfill/capping operations
- November**
  - Remove equipment from river
  - Decommission and clean processing facility
- December**
  - Complete rail shipments
  - Winter operations at processing facility



# Questions

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