



## Community Advisory Group Meeting

Saratoga Spa State Park

December 9, 2010

# Phase 2 Dredging Project Update (Peer Review Recommendations)

- Peer Review Panel made its recommendation (Final Report issued Sept 10, 2010)
- EPA and GE agree that many of the Panel recommendations were helpful and could be incorporated into the project
- EPA and GE have interpreted a few of the recommendations differently
- EPA and GE technical and upper management discussions (Sept - Dec)
  - More than 25 meetings overall have taken place

# Phase 2 Dredging Project Update (Discussions with GE)

## Key points:

- Improvement to sediment core data set (2010 coring program)
  - September 15 to November 8
  - 475 sediment cores (~ 3,900 samples)
  - Fill in data gaps and improve incomplete cores
  - Test alternate coring methods (sonic worked well)
  - Data not all in yet



# Phase 2 Dredging Project Update (Key Points)

- Determine DoC and address uncertainty
- Achieve removal of 95% of the area
- Achieve the ROD requirement:  
“removal of all PCB contaminated sediments within areas targeted for dredging, with an anticipated residual of approximately 1 ppm Tri+ PCB (prior to backfilling)”



# Phase 2 Dredging Project Update (Key Points)

- **Number of dredging passes**
  - **Peer Review Panel recommended one pass**
  - **Second pass may be needed**
- **Place a 3- to 6-inch backfill cover to limit resuspension**
- **Close CUs quickly**
- **Incorporate Adaptive Management**

# Phase 2 Dredging Project Update (Key Points)

- Limit capping by setting a maximum percentage as the performance metric
  - Use Phase 1 experience to improve Phase 2
  - EPA and GE both have evaluated capping considerations for Phase 2
    - Bedrock/clay areas
    - Near structures and cultural resources
    - Consideration by node
- Productivity (350,000 cy)

# Phase 2 Dredging Project Update (Other)

- GE is developing a model which EPA is reviewing
- Resuspension Standard
  - Use existing far-field monitoring locations
- Load standard
- Habitat reconstruction considerations
- Information from other dredge sites being considered

# Next Steps

- **EPA decision (expected next week)**
  - Engineering Performance Standards
  - Quality of Life Performance Standards
  - Consent Decree Statement of Work Documents
- **GE election (expected in early January)**
  - If opt in (2011)
    - Design
    - Contracting
    - Dredging



# 2010/11 Field Activities

- **Off-season River Baseline Monitoring ongoing**
- **Shipment of dewatered sediment completed**
- **Habitat reconstruction efforts for Phase 1 will be completed in Spring**
- **Floodplain sampling and removal actions complete for 2010**
- **Cultural resource investigations are ongoing for Phase 2 Dredging areas**
- **Fish sampling ongoing (Dr. Marc Greenberg)**

# Comments/Questions



# Floodplain Summary

- **Number of Samples**
  - 2010: ~235 samples collected on 31 properties
  - Total Project: ~4,900 floodplain soil samples collected on 390 properties
- **Interim Response Actions**
  - 2010: 21 properties received IRMs this fall (10 covers)
  - Total Project: 50 IRMs completed
    - Total Number of Caps: 30
    - Total Number of Other: 20