



Hudson River
PCBs SUPERFUND SITE



Community Advisory Group
Meeting

May 28, 2009



Dredging Project Update



Dredging Project Update

- Dredging started May 15, 2009
- Approximately 740 cubic yards dredged as of Saturday May 23, 2009





Dredging Project Update

- East channel Rogers Island rock dike



Dredging Project Update

- Tree trimming



Dredging Project Update

- Debris removal



Dredging Project Update

- Barge transport through Lock 7



Dredging Project Update

- Unloading at processing facility



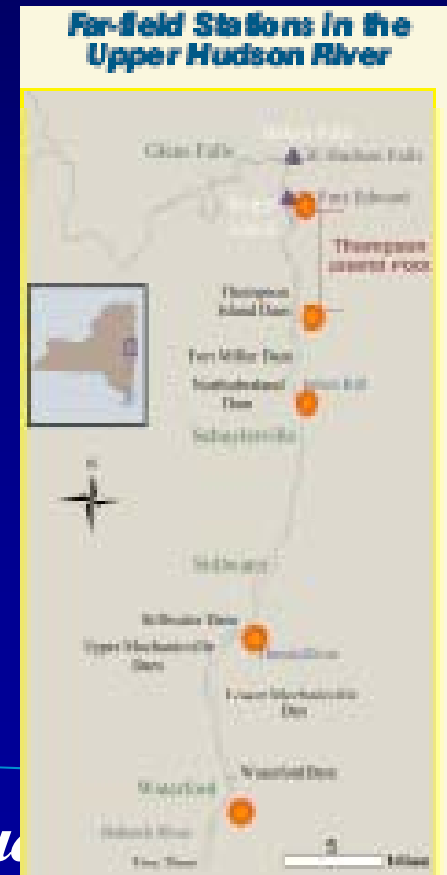
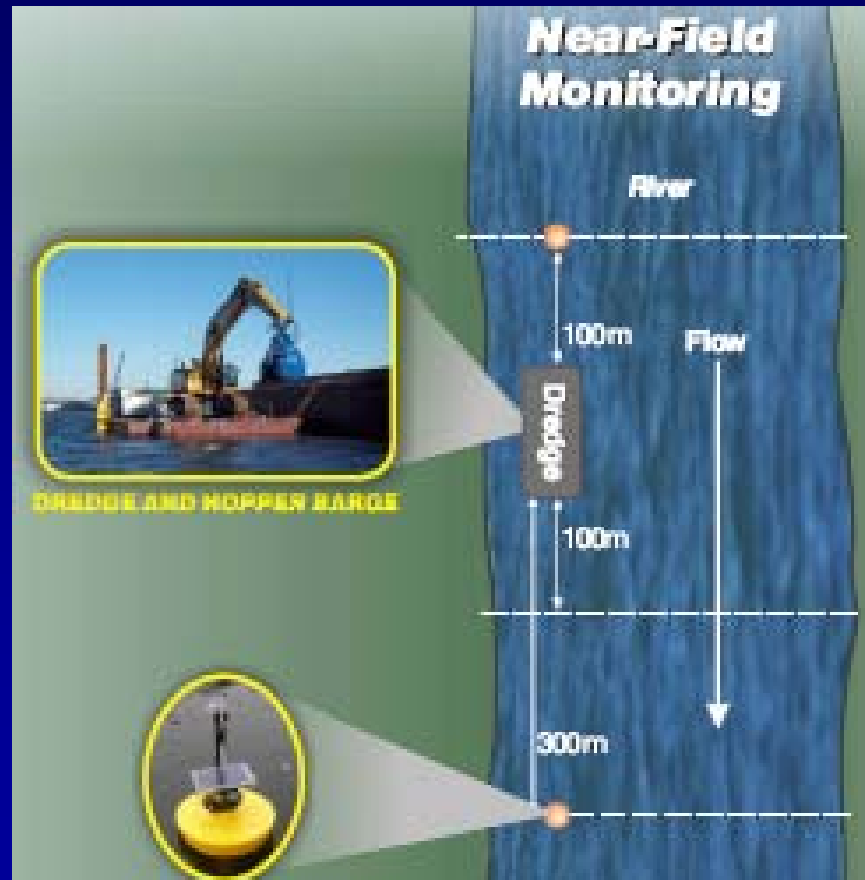
Dredging Project Update

- Debris staging prior to loading to rail cars



Dredging Project Update

- Monitoring along river and at processing facility



Comments/Questions



2008 Floodplains Investigation

- Fort Edward to Troy/Waterford
- Limited sample collection between 2000 and 2005 (about 1,500 samples)
- Resulted in response actions on 15 areas in 2007 (9 included caps)
- EPA survey of human use areas along river (Summer 2007)
- September 2008: Agreement with GE for additional sampling
- Sampling conducted September — December 2008
- Data collected will be used in the Remedial Investigation of the floodplains
- To date approximately 3850 samples have been collected on approximately 350 properties

Fort
Edward



Schuylerville



Mechanicville



Waterford

2008 Floodplain Sampling Work

- 287 properties sampled by GE
 - 58% contain human use areas
 - 49% residential
 - 12% seasonal residential
 - 27% recreational or undeveloped
 - 17% agricultural
 - Nearly half (48 of 109) of parcels with some agricultural usage in floodplain sampled
 - 3% commercial/industrial



2008 Floodplain Sampling Work

- More than 1,000 locations
 - 0-6 inches
 - 6-12 inches
 - Some 12-24 inches
- Nearly half (48%) in “use” areas
- More than 2,100 samples collected
- Additional sampling by EPA
 - 48 properties
 - 57 locations
 - 144 samples



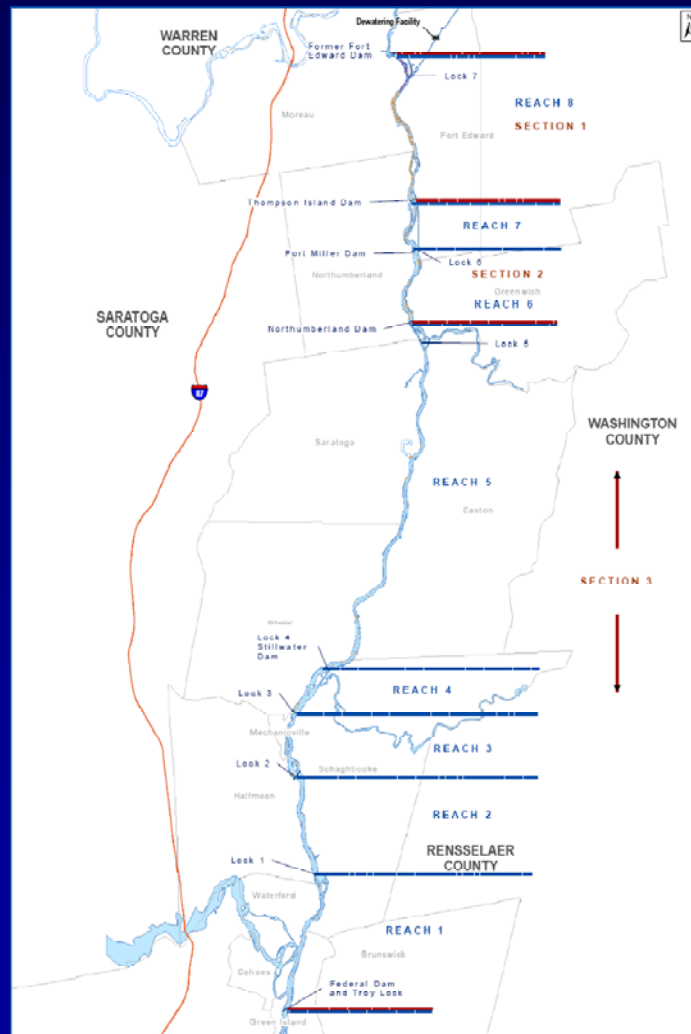
2008 Sample Collection by Reach

Reach 1: 145

Reach 2: 225

Reach 3: 152

Reach 4: 77



Reach 5: 784

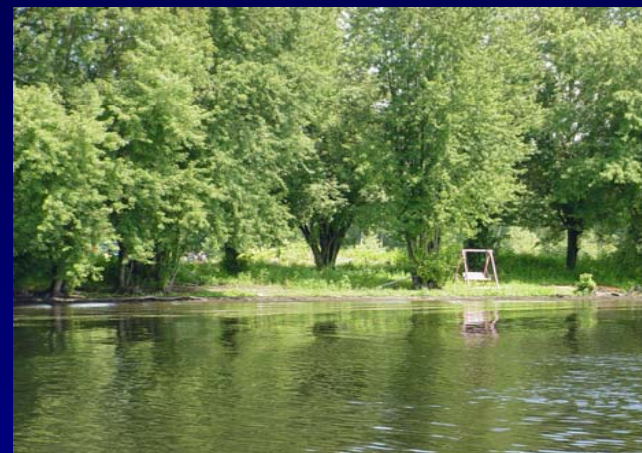
Reach 6: 222

Reach 7: 281

Reach 8: 387

2008 Sampling Results

- 85% of samples <1 ppm or non-detect
 - 55% ND (1,259 samples)
 - 30% >ND — <1 ppm (682 samples)
- 11% (244 samples) ranged from 1-10 ppm
- 4% (88) greater than 10 ppm



Highest concentrations generally found in low-lying areas closest to shoreline.

PCB concentrations generally decreased as distance from shoreline increased and as distance from Fort Edward increased.

Next Steps

- Results submitted to EPA in Data Summary Report
- Data mailed to property owners
- More sampling in 2009
 - Resampling approximately 50 properties to delineate results
 - Targeting approximately 60 new properties for sampling
 - Additional agricultural land sampling
- GE preparing Field Sampling Plan
- GE, EPA to amend existing AOC for new sampling
- Sampling to be performed this summer
- EPA and GE discussing next steps in performance of Remedial Investigation

Comments/Questions

