



Dredging Project Update

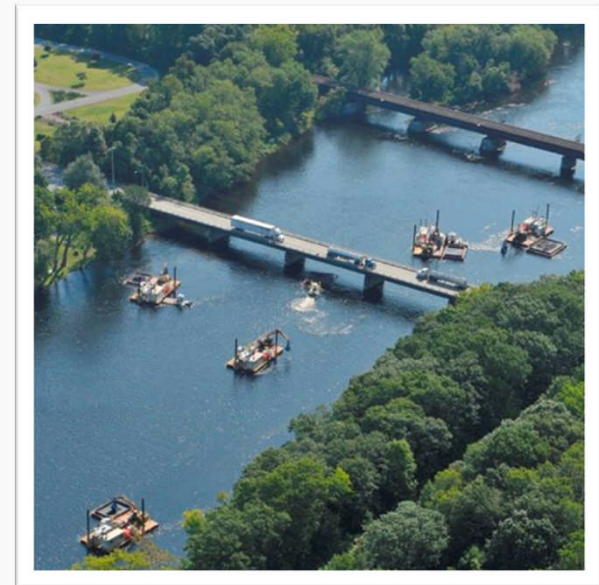
Community Advisory Group Meeting
December 3, 2015



Dredging Project Update



- Volume removed: 2.76 million cubic yards (anticipated 2.65 million)
 - 450,000 cubic yards of sediment dredged from the navigation channel
 - 2015: 231,000 cubic yards removed
 - 22 weeks of dredging (similar to previous years)
- Mass of PCBs removed: 141,000 Kg (310,000 lbs) (twice the mass anticipated)
- Area Dredged: 500 acres
- Total Rail Transport: 29,918 rail cars loaded onto 343 trains
- Material Shipped: 3.2 million tons
- 2015 - 16 TSCA (>50 ppm) and 9 Non-TSCA (<50 ppm) trains shipped as of 12/3/15



Dredging Areas in 2015



- Dredging completed
 - October 3
- Backfilling completed
 - November 13
- Sediment shipped offsite in next few weeks
- CUs Completed in 2015 include:
 - River Section 1: CU 60, Area adjacent to Fort Edward Yacht Basin
 - River Section 2: CU 64, 65, 66
 - River Section 3: CU 94, 95, 96, 99







Hudson River
PCBs SUPERFUND SITE



Hudson River
PCBs SUPERFUND SITE



Hudson River
PCBs SUPERFUND SITE

Dredging Project Update



Backfill/Capping:

- Capping Metric: 7.8% of the 11% target

Resuspension:

- Anticipated 3%, actual 1.5%
- Compliant with load standard

Habitat:

- 2015 SAV Planting: 4 acres
- 2015 RFW Planting: 3.6 acres
- Planting will continue in 2016
- To date over 1.4 million plants have been installed and 18.4 acres seeded



Hudson River Project Update – Working on the River



- Work Time: 5.8 million man-hours, ~76,000 hours active dredge time
- Sediment barges pushed ~92,000 miles (not including BF/Cap trips)
- Number of lockages: 23,000
- Number of barges unloaded: 4,804
- Local vendors, suppliers, and sub-contractors: 300+
- Prime Contractors: 5

Project Monitoring – Water and Air



Water Quality

- During dredge seasons, samples collected regularly (daily) at multiple locations (>15,000 samples collected)
- Sampling will continue weekly for the foreseeable future
- OM&M plan due to EPA Feb 2016

Noise

- Standard: 65-80 decibels (based on property type)
- >60,000 measurements



Project Monitoring – Water and Air



Air Quality

- During dredge seasons, samples collected regularly (daily) at multiple locations (> 14,000 samples collected)
- Sampling at Facility will continue as needed
- Sampling on river complete

Light

- 322 measurements

Navigation

- No significant disruptions to recreational traffic



Questions?

