

*Hudson River*  
PCBs SUPERFUND SITE

# Sediment Sampling Update

Town of Fort Edward Meeting

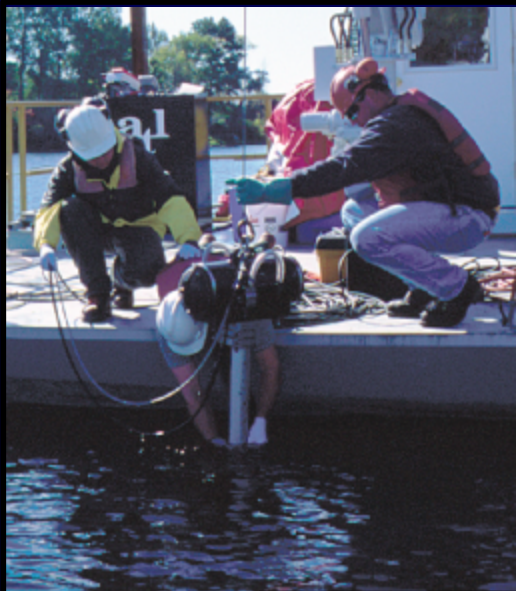
August 17, 2004



# Sediment Sampling Milestones

- July 2002: GE, EPA reach agreement on sediment sampling program.
- November 2002: GE completes 1st year of sediment sampling program. 5,546 samples collected from @ 1,000 locations.
- May-October 2003: GE conducts 2nd year of sediment sampling program. 33,000+ samples collected from @ 5,000 locations.

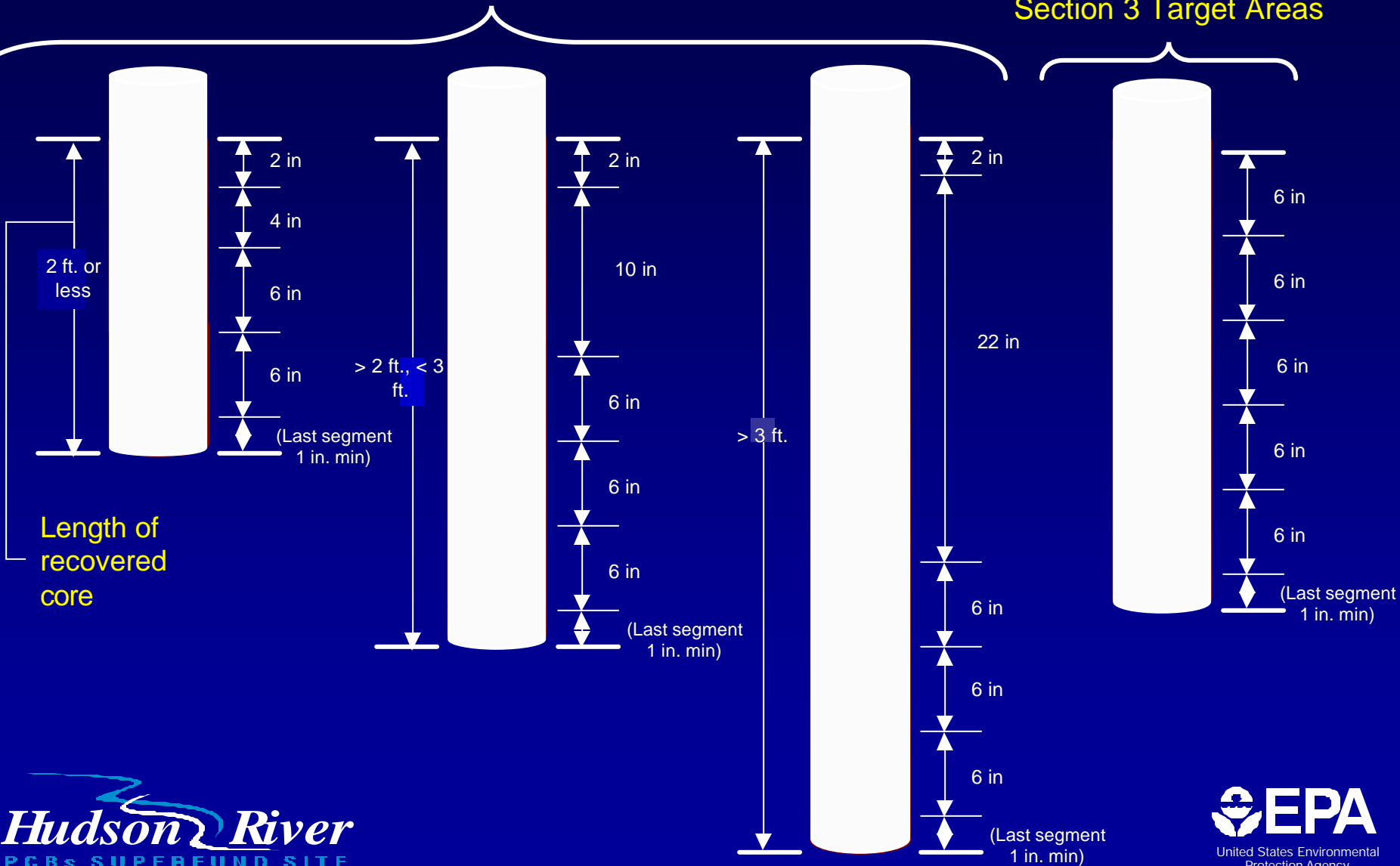
# Map of Sample Locations



# Core Segmentation

All cores except every 3<sup>rd</sup> core in River Section 3 Target Areas

Every 3<sup>rd</sup> core in River Section 3 Target Areas



# Samples Locations Attempted

Year	Locations Attempted	Cores Obtained	Grabs Obtained	Total Cores/ Grabs Obtained	Total Samples	Samples Analyzed for PCBs
2002	1,169	967	35	970	5,515	5,105
2003	5,007	4,691	104	4,795	33,126	24,337
<b>Total</b>	<b>6,176</b>	<b>5,658</b>	<b>139</b>	<b>5,765</b>	<b>38,641</b>	<b>29,442</b>

# Concentrations Found

Year	Median	Above 20 ppm	Above 50 ppm	Above 100 ppm	Above 10,000 ppm
2002	2.7 ppm	29%	17%	<1% (35)	(2)
2003	2.6 ppm	26%	17%	<1% (109)	(0)

# **Samples with Total PCB Concentrations >3,000 ppm**

<u>Year</u>	<u>Depth (in)</u>	<u>Total PCB (ppm)</u>
2002	54-60	13,820
2002	54-60	12,500
2002	42-48	6,800
2002	36-42	6,700
2003	30-36	6,080
2002	60-66	5,000
2003	24-30	4,860
2003	24-30	4,830

<u>Year</u>	<u>Depth (in)</u>	<u>Total PCB (ppm)</u>
2002	48-54	4,080
2002	18-25	4,050
2003	36-42	3,920
2003	24-30	3,530
2002	60-66	3,400
2003	18-24	3,258
2003	24-30	3,080

# Next Steps for Data Collection and Evaluation

- Finalize Phase 1 and Phase 2 Data Summary Reports (Both under review)
- Revised Phase 1 Dredge Area Delineation (DAD) Report (Draft Due in September)
- Revised Phase 1 Target Area Identification Report (Draft Due in September)
- Collect Additional Phase 1 and 2 Samples in 2004
- Submit Phase 2 DAD (Draft Due Early Spring 2005)