

**Community Advisory Group Meeting
Fort Edward Fire House**

September 22, 2011

Floodplains Update
(last update February 17, 2011)



Floodplains Evaluations

- Agreement with GE to evaluate Use Areas
 - Work near completion
- Agreement with GE to conduct Removal Actions
 - Work near completion
- GE and EPA evaluated Flood Mud
 - Prior sampling (EPA and DEC)
 - 2011 Spring and late Fall flood
- Ongoing (discussions with GE)
 - Remedial Investigation approach (i.e., work plan)
 - Further sampling to improve our understanding of the PCB distribution

Floodplains Investigation Summary



- **2000-2006:** Approximately 1,500 samples collected (NOAA, GE, and EPA)
- **2008:** 2,200 samples at 280 properties (EPA and GE)
- **2009:** 900 samples on 100 properties (EPA and GE)
- **2010:** 230 samples on 31 properties (GE)
- **2011:** 16 properties (GE)

2008 - 2010 Sampling Results



Key Points (Where are the PCBs ?):

- Low-lying areas (flooded more frequently)
- Decrease as move away from River

2008 - 2010 Sampling Results



Data Summary:

- Approximately 5,000 samples collected (400 properties)
- 80% of samples <1 ppm or non-detect
- 14% ranged from 1-10 ppm
- 6% samples >10 ppm
- 99% samples <1 ppm in agricultural fields

Removal Actions Summary



Soil Covers or Signage where PCB concentrations >10 ppm

To date:

- 35 Soil covers
- 15 Signs

This year:

- 7 Soil Covers
- 1 Sign



* *Seasonal inspections and repairs if needed*

WARNING

SOILS IN THIS AREA ARE CONTAMINATED WITH PCBs (POLYCHLORINATED BIPHENYLS) AVOID CONTACTING AND/OR DISTURBING SOILS

FOR FURTHER INFORMATION PLEASE CONTACT THE USEPA FIELD OFFICE AT (518) 747-4389 OR LOG ONTO THE USEPA HUDSON RIVER PCBs WEBSITE AT <http://www.epa.gov/udson>





Flood Mud



2010:

- 18 samples collected

2011 (Spring Flood)

- Similar results to 2010
- 160 samples collected (EPA and GE)
- 24 samples above 1 ppm (highest 4.8 ppm)
- Average concentration 0.6 ppm

2011 (Late Summer Lower River Flood)

- 4 samples collected



A scenic view of a river or lake with a dense forest of green trees in the background. The water is calm and reflects the surrounding greenery. The trees are lush and vibrant, creating a thick canopy. The overall atmosphere is peaceful and natural.

Questions