

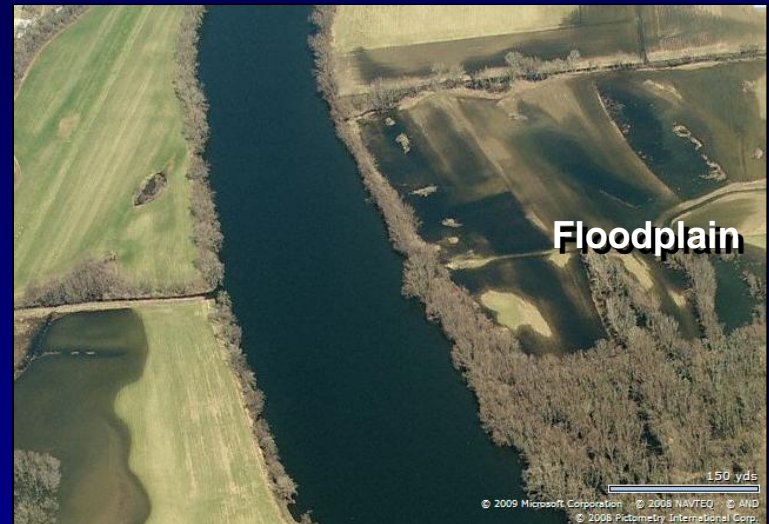
# Floodplains Investigation Update



**Hudson River Community Advisory Group Meeting  
February 17, 2011**

# Floodplains Investigation

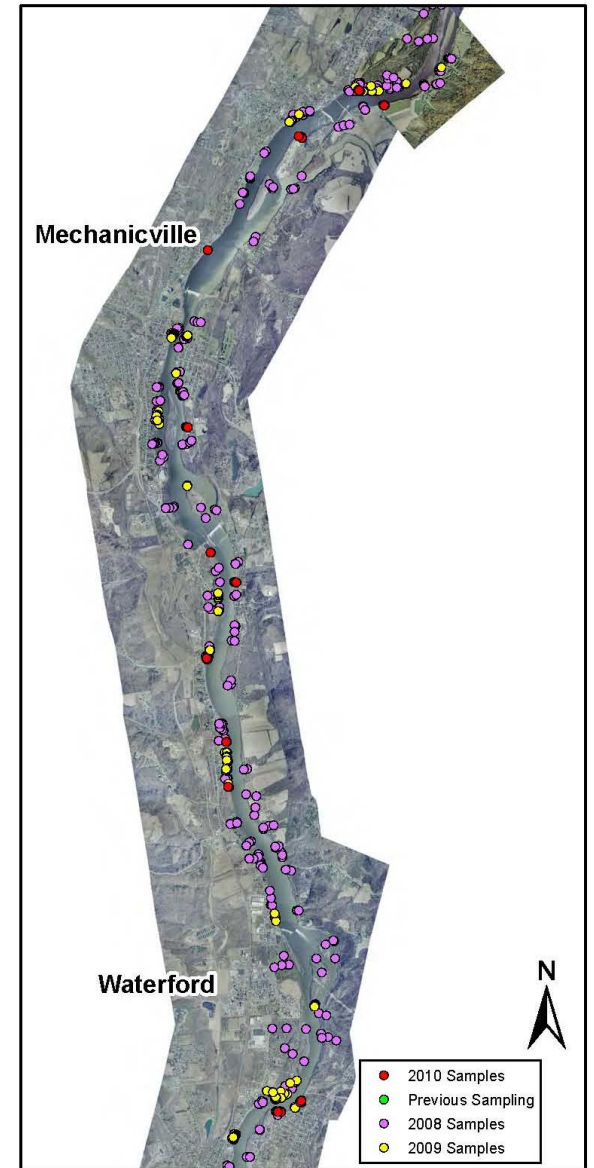
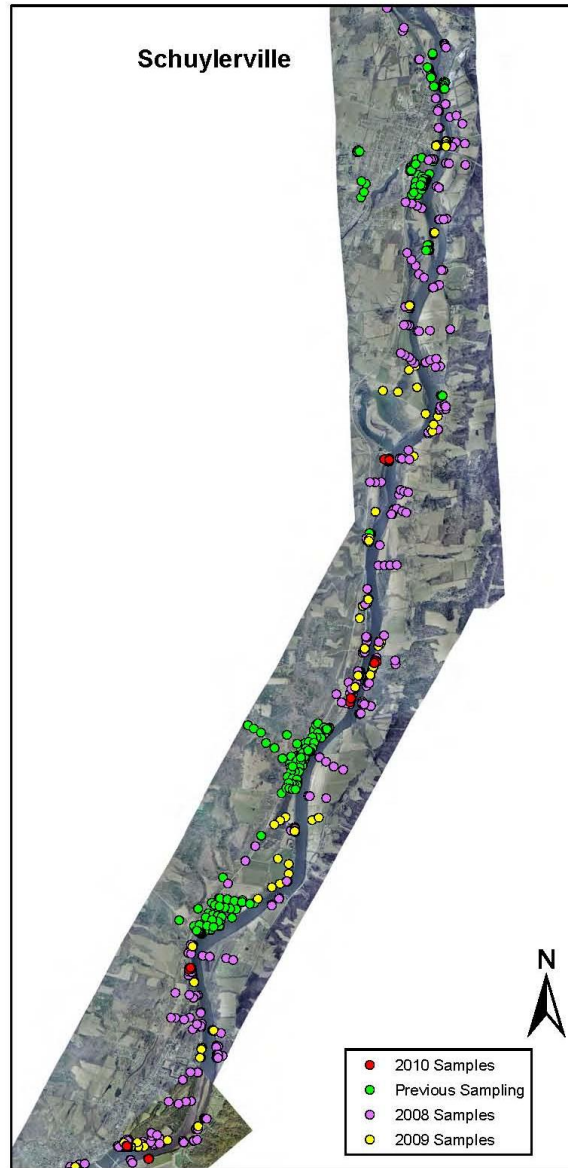
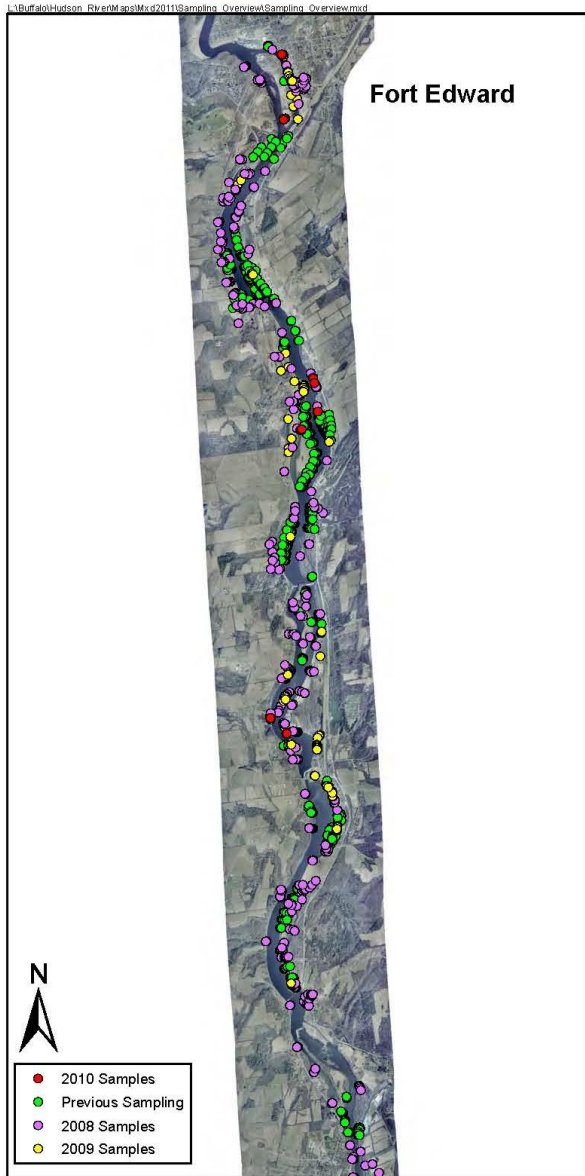
- EPA and GE are evaluating the extent of PCBs in the floodplains of the Hudson River from Fort Edward to Troy
- Floodplain soil sampling results are being used as part of comprehensive study (Remedial Investigation)
- As generated, data is being evaluated to determine if interim response actions are needed in residential and recreational use areas



# Floodplains Investigation Summary

- **2000-2006:** Approximately 1,500 samples collected by NOAA, GE, and EPA during initial investigative efforts
- **2008:** GE and EPA collected > 2,200 samples at more than 1,000 locations on 280 properties
- **2009:** GE and EPA collected > 900 samples on 100 properties
- **2010:** GE collected 230 samples on 31 properties

# Floodplain Sampling Locations



# 2008 - 2010 Sampling Results

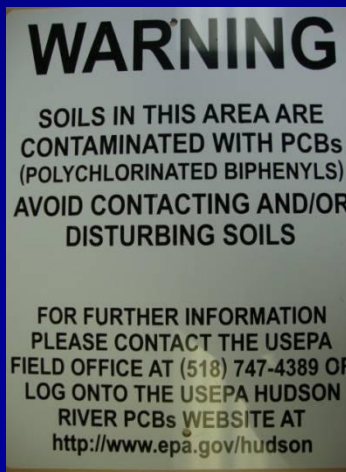
- Approximately 3,500 samples collected
- 80% of samples <1 ppm or non-detect
- 14% ranged from 1-10 ppm
- 6% samples >10 ppm
- 99% samples <1 ppm in agricultural fields
- The highest PCB concentrations are generally found in low-lying areas (flooded more frequently)
- PCB concentrations generally decrease as distance from shoreline increases



# Completed Interim Response Actions

Conducted in human use areas that displayed higher PCB concentrations (>10 ppm)

Year	Temporary Caps	Signage
2007	12	2
2009	9	6
2010	14	7
Total	35	15



# Summary

## To Date:

- Approximately 5,000 floodplain soil samples collected on 395 properties
- 50 short-term interim response actions have been completed on 44 properties
  - 35 temporary caps
  - 15 warning sign postings



# Next Steps

- **Additional properties are being evaluated for sampling and interim response actions during the next season**
- **EPA and GE are discussing next steps in performance of the Remedial Investigation**

