

Floodplain Update



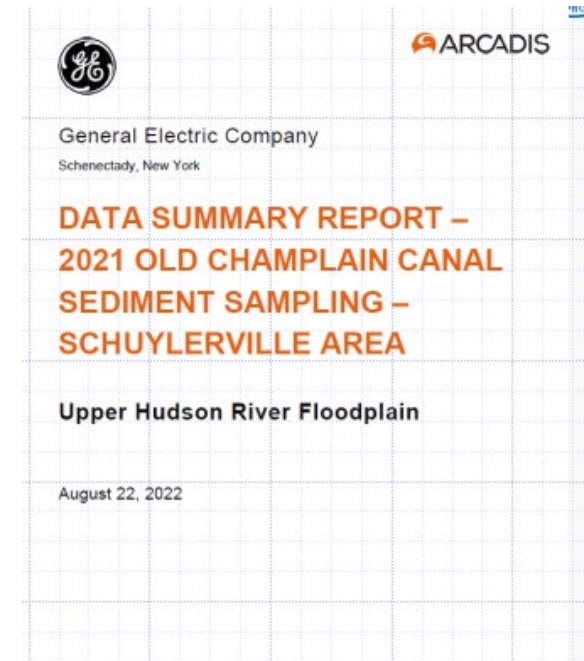
Old Champlain Canal - Overview

- Town of Saratoga and the Village of Schuylerville have long-term recreational and development plans for the area of Old Champlain Canal and Fort Hardy Park
- EPA coordinated sampling program with NYSDEC and NYSDOH
- Sampling of the Canal was conducted between 2012 and 2021
 - Total of 68 samples collected from 43 locations in the canal
 - PCB results were generally low
 - Additional analysis conducted to support municipalities' plans
 - Other contaminants were also detected



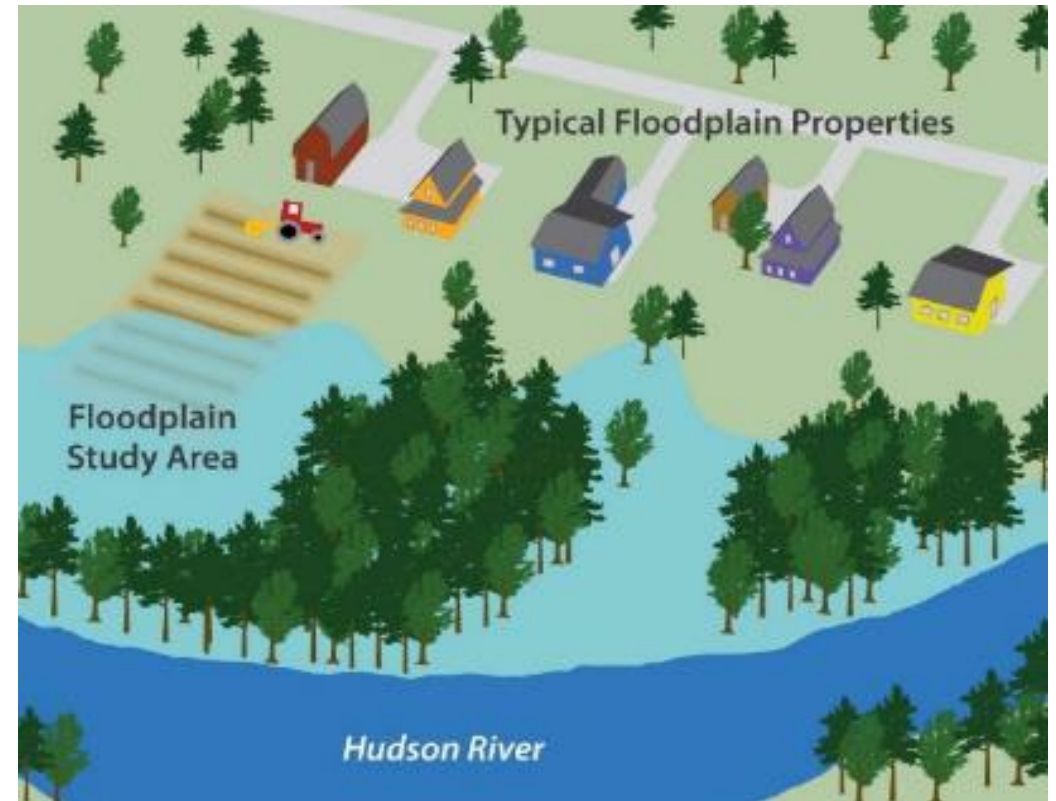
Old Champlain Canal – Overview (continued)

- Data Summary Report prepared by GE (with oversight by EPA)
 - Includes all data collected in canal to date
 - Provided to municipalities in 2022
- Sample results will be included in the floodplain comprehensive study - RI/FS
- EPA and NYSDEC will coordinate with the municipalities regarding their future plans



Remedial Investigation/Feasibility Study (RI/FS)

- The RI/FS is a comprehensive study of the floodplain being performed by GE and overseen by EPA
- 2025 field work includes:
 - New Short-Term Removal Actions (STRAs)
 - Response action inspections
 - Soil sampling in use areas
 - Flood mud sampling
- Evaluation of new and existing data to support the RI/FS and next steps
- Over 10,000 samples collected to date



Floodplain Short-Term Removal Actions

- Floodplain areas regularly used by people are sampled for PCBs. Areas with elevated PCBs addressed through Short-Term Removal Actions (STRAs)
 - Soil covers or signage depending on use and location
 - Work is on a property-by-property, area-by-area basis in close coordination with property owners
 - Floodplain continually monitored for changes in use
- STRAs to date
 - 75 areas (52 grass or gravel covers, 4 natural covers, 19 warning signs)
 - At least four new STRAs anticipated in summer/fall 2025
- Annual inspection of STRAs to confirm covers remain in place
 - 2025 inspections to be conducted in summer/fall
 - Repairs conducted annually based on inspection results



Soil cover at Saratoga Boat Launch

Risk Assessments

➤ Ecological Risk Assessment

- Screening Level Ecological Risk Assessment is underway
- Past field work included earthworm sampling, invertebrate sampling, catbird survey, and wetland sampling

➤ Baseline Human Health Risk Assessment

- EPA conditionally approved GE's Human Health Screening Level Assessment in May 2025
 - 1,959 properties in the floodplain were evaluated
 - Highest concentrations were generally found in Flood Frequency Units closer to the river, therefore parcels screened out are generally further from the river and downstream
- GE preparing the Pathway Analysis Report



Risk Assessments (continued)

- EPA is in close coordination with NYSDEC, NYSDOH and NYS Canal Corporation, and the National Park Service
- Property-by-property considerations of risk
 - A parcel-by-parcel review was conducted by EPA and NYSDEC/NYSDOH during review of the Screening Level Assessment
- EPA and NYSDEC conducted field reconnaissance on a boat tour in June 2025 to support the Baseline Human Health Risk Assessment
 - Additional field reconnaissance planned
 - Confirm property settings

Floodplain – Next Steps

- Continue soil, sediment, and flood mud sampling and data evaluation to support the RI/FS
- Continue field reconnaissances to support the RI/FS and to identify new use areas and changes in use
- Install new STRAs and continue inspection and maintenance of existing STRAs
- Continue work on the Pathway Analysis Report to support the Baseline Human Health Risk Assessment
- Finalize the Screening Level Ecological Risk Assessment
- Continue coordination with municipalities and NYSDEC/NYSDOH

The Superfund Process

