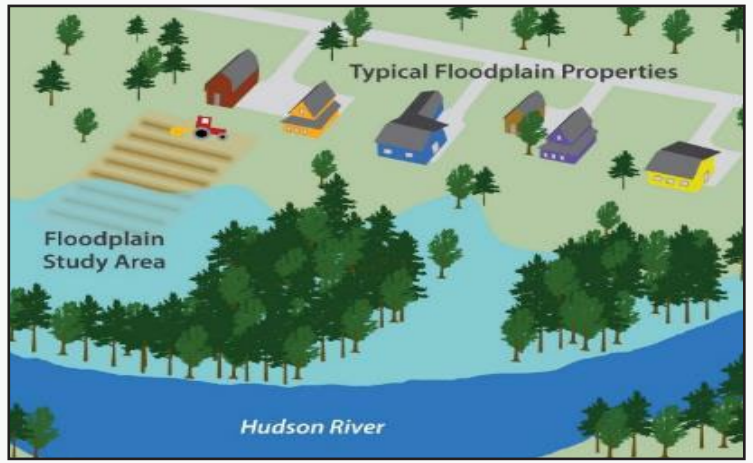
Floodplain Comprehensive Study

- Ongoing sampling
  - Multiple rounds in past years and more this year
    - Where are PCBs in the floodplain
      - — Focus on better understanding contaminant distribution
      - — Follow-up sampling to be conducted in 2023
    - Areas people use – EPA in coordination with DEC/DOH continue to identify these areas as property use along the river changes
      - — Additional sampling to be conducted in 2023
    - Flood mud samples collected to assess impacts from flood events
      - — Sample collection anticipated in spring 2023



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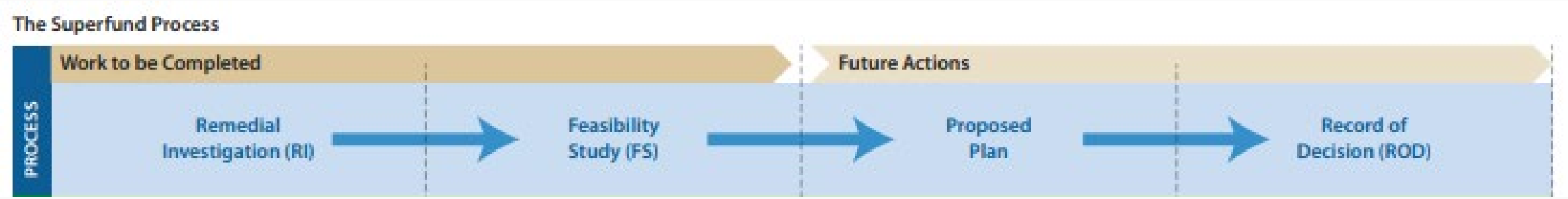
Floodplain Comprehensive Study

- Risk assessments work is ongoing
  - PCB concentrations decrease farther down river and away from the shore
  - Initial screening level assessments underway (both Human Health and Ecological)
  - Preliminary ecological field efforts - summer 2023
    - Past work included earthworm sampling



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Floodplain Short-Term Actions

- Areas regularly used by people have been prioritized for sampling
- Sampling associated with community projects are also prioritized
- Immediate action taken to address areas >10ppm PCBs
  - Short-Term Actions implemented on 66 properties (48 grass or gravel covers, 93 warning signs)
  - Covers – topsoil grass or gravel covers (fabric under covers)
  - Signage – along long trails and less frequently used areas

Saratoga Boat Launch

Floodplain Short-Term Actions

- Installation of two Short-Term Actions in 2020
  - Two new Short-Term Actions
- Installation of four Short-Term Actions in 2022
  - Two new Short-Term Actions
  - Installation of a second Short-Term Action on a property with an existing Short-Term Action
  - Expansion of an existing Short-Term Action
- Maintenance conducted at four Short-Term Actions in 2022
- Annual inspection of Short-Term Actions to be conducted in late spring/early summer of 2023
- Short-Term Actions will be completed as areas are identified

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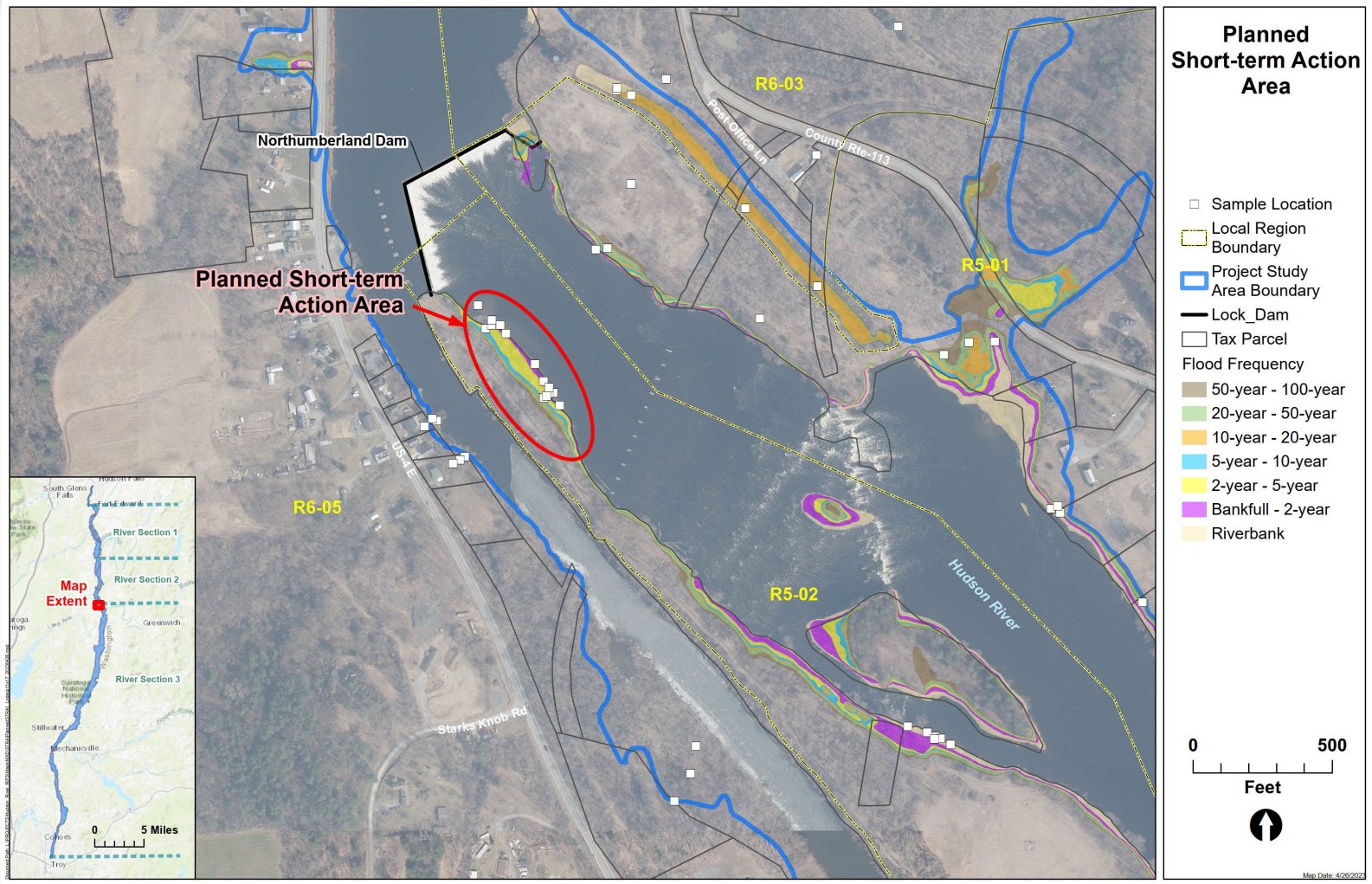
Example of Challenging Short-term Action Planned for 2023

- Area identified by local resident – just below the Northumberland Dam
- Area used for fishing and campfires observed
- Area is underwater most of the year - steep bank
- Sampling conducted over past several years
- Surface (top 6 inches) as high as 30 ppm, few areas of deeper sediment higher
- GE currently developing Short-Term Action design
- Work planned for 2023
- EPA and GE coordinating with Canal Corporation and Hudson Crossing Park



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Planned Short-Term Action 2023

View is to the north towards Northumberland Dam

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Planned Short-Term Action 2023

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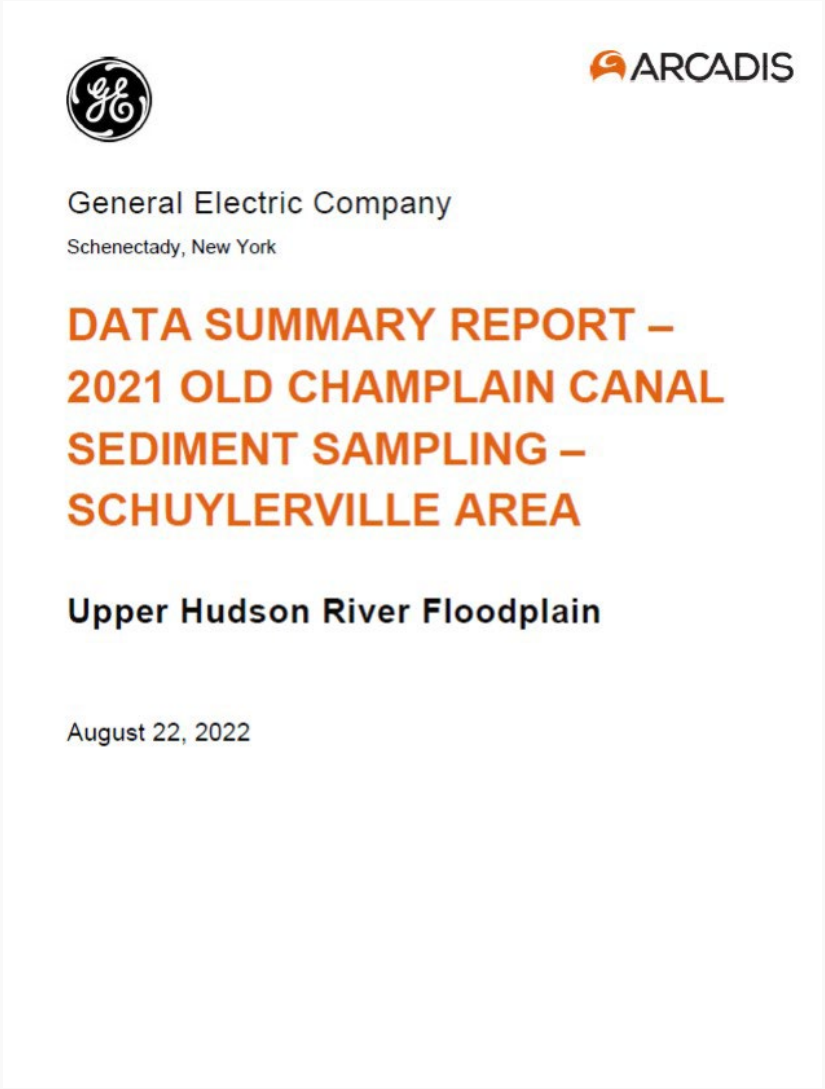
Floodplain – Next Steps

- Continue to identify data gaps
  - additional soil sampling in 2023
  - newly identified use areas including areas exposed when river is low during summer months
- Continue coordination with municipalities and DEC/DOH
- Continue to evaluate PCB concentrations in frequently flooded areas (areas close to the river)
- Continue field reconnaissance to identify new use areas/changes in use
- Continue screening level risk assessments
- Oversee the installation of new Short-Term Actions and continue inspection and maintenance of existing Short-Term Actions

Old Champlain Canal - Overview

- Town/Village have long-term recreational and economic development plans for the Old Champlain Canal
- EPA coordinated sediment sampling program with DEC and DOH
- Sampling of canal was conducted between 2012 and 2021
  - Total of 43 locations and 68 samples from the canal
- Data Summary Report prepared by GE
  - Includes all data collected in canal to date
  - Provided to town/village on August 22, 2022
- EPA and DEC following up internally in support of the town/village plans


ARCADIS

General Electric Company

Schenectady, New York

DATA SUMMARY REPORT – 2021 OLD CHAMPLAIN CANAL SEDIMENT SAMPLING – SCHUYLERVILLE AREA

Upper Hudson River Floodplain

August 22, 2022

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