Thomas Corners Road Bridge Replacement

July 2013

Thomas Corners Road Bridge Location
Easements Requested by Cattaraugus County

1979 Aerial Radiation Survey
Buttermilk Creek Preliminary Survey Areas

Background Survey Location
Thomas Corners Bridge Sample Results

- Gamma scan results showed no activity significantly above background
- None of the analytical results indicated gross alpha or tritium levels over 2X background
- Two samples (HA01 and GP05) showed gross beta levels slightly over 2X background
- One sample (HA01) indicated Cs-137 levels of ~15 picocuries/gram, significantly above the background value of ~0.5 picocuries/gram, but not at levels of concern for worker protection
  - A second sample taken from the HA01 location did not show elevated Cs-137
Bridge Replacement Status

- Cattaraugus County began demolition work June 6, 2013
- NYSERDA provided radiation survey coverage during potentially impacted soil/sediment disturbance activities
  - Surveys included soils, sediments, construction debris, and equipment
  - No contamination was discovered during demolition activities
  - All demolition debris met acceptance criteria for disposal in a New York State landfill
- NYSERDA will continue to provide radiation survey coverage as needed; e.g., surveys to support bank stabilization work

Bridge Just Prior to Demolition – June 6, 2013

Bridge During Demolition Phase – June 10, 2013

Bridge Construction as of 7-18-13