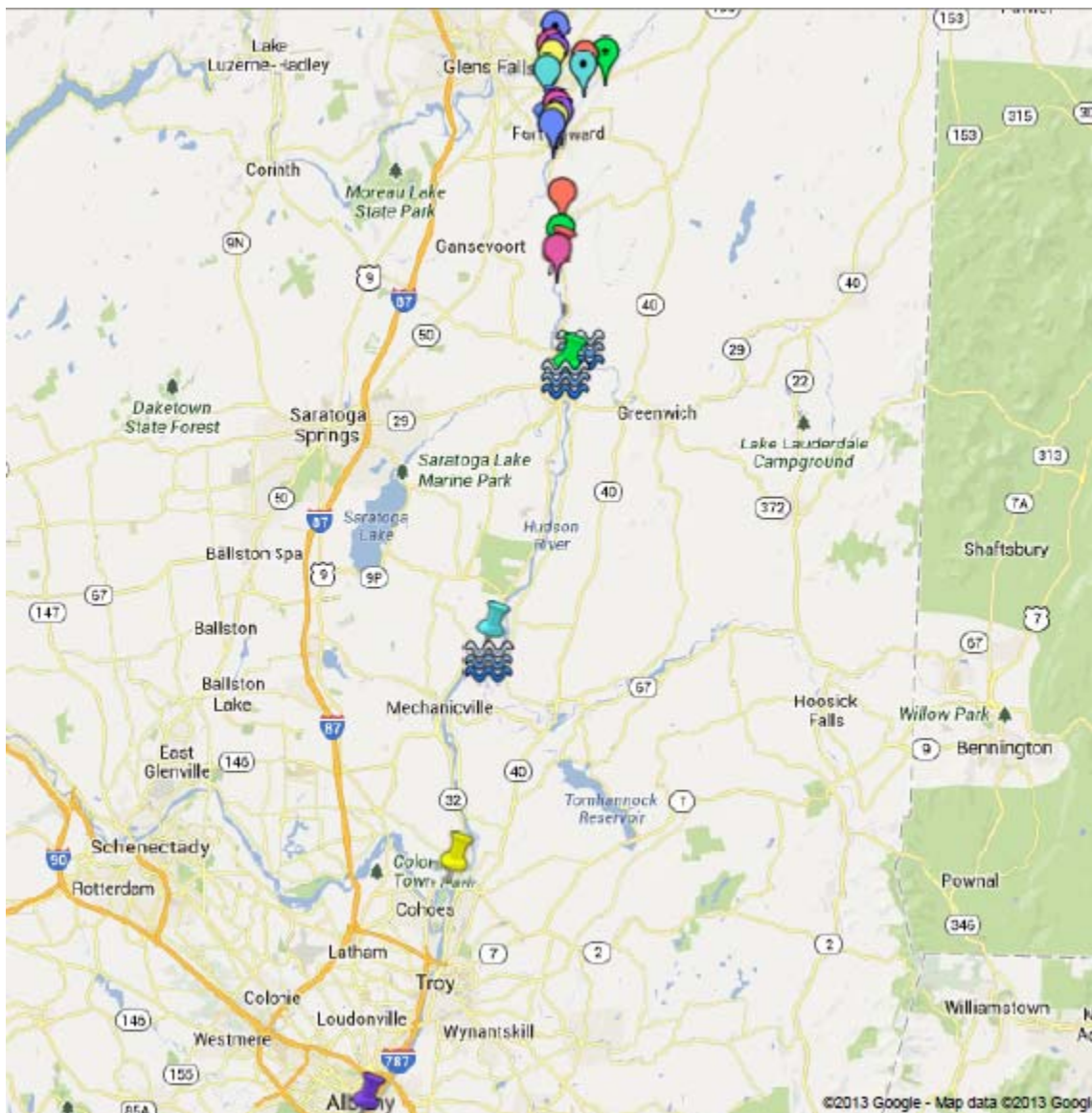




## Hudson River PCBs: A Map of the PISCES Study in Relation to Current Dredging Sites and Monitoring Stations



-  Waterford Monitoring Station
-  Albany Monitoring Station

### **Map Overview and Details**

To offer some geographical bearings, this is an image of the map fully zoomed out and containing all pertinent landmarks. The map begins at Hudson Falls and extends all the way south to Albany where the southern most monitoring station is located. Points of interest are largely concentrated in the North, where the Upper Hudson River PCB Trackdown Using PISCES (Passive In-Situ Chemical Extraction Samplers) study focused.

All maps were created in Google Maps which are north to south oriented.

All source locations on the map were monitoring site locations from the PISCES study, placed as closely as possible to locations mapped in the study's figures. Unspecified sources are those labeled in the study without any conjecture to what the original source of PCB contamination was (i.e. landfills, rivers, etc.). All PCB levels noted for sites are from the study's figures. Those sites, without including levels, were not noted in the figures.

Not all stations mapped in the PISCES study were mapped here. Locations noted in the Key Findings and Summary sections of the PISCES study as important were selected. Out of these selections of particular interest are the Hoosic and Batten Kill Rivers PCB outflows and their possible effects on the monitoring stations located nearby.

The following maps travel from north to south down the Hudson River, allowing you to see each monitoring location and PCB source in detail, besides the Waterford and Albany monitoring stations which were excluded for the sake of document brevity, but included in the overview map.

### **Sources**

Spodaryk, Joseph G., T. L. Preddice, L. C. Skinner, R. J. Sloan and H. C. Rowell. 2005. *Upper Hudson River PCB Trackdown Using PISCES*. Albany, New York: Bureau of Habitat, Division of Fish, Wildlife and Marine Resources, New York State Department of Environmental Conservation.

[http://www.dec.ny.gov/docs/wildlife\\_pdf/piscestext.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/piscestext.pdf)

[http://www.dec.ny.gov/docs/wildlife\\_pdf/piscesfigures15.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/piscesfigures15.pdf)

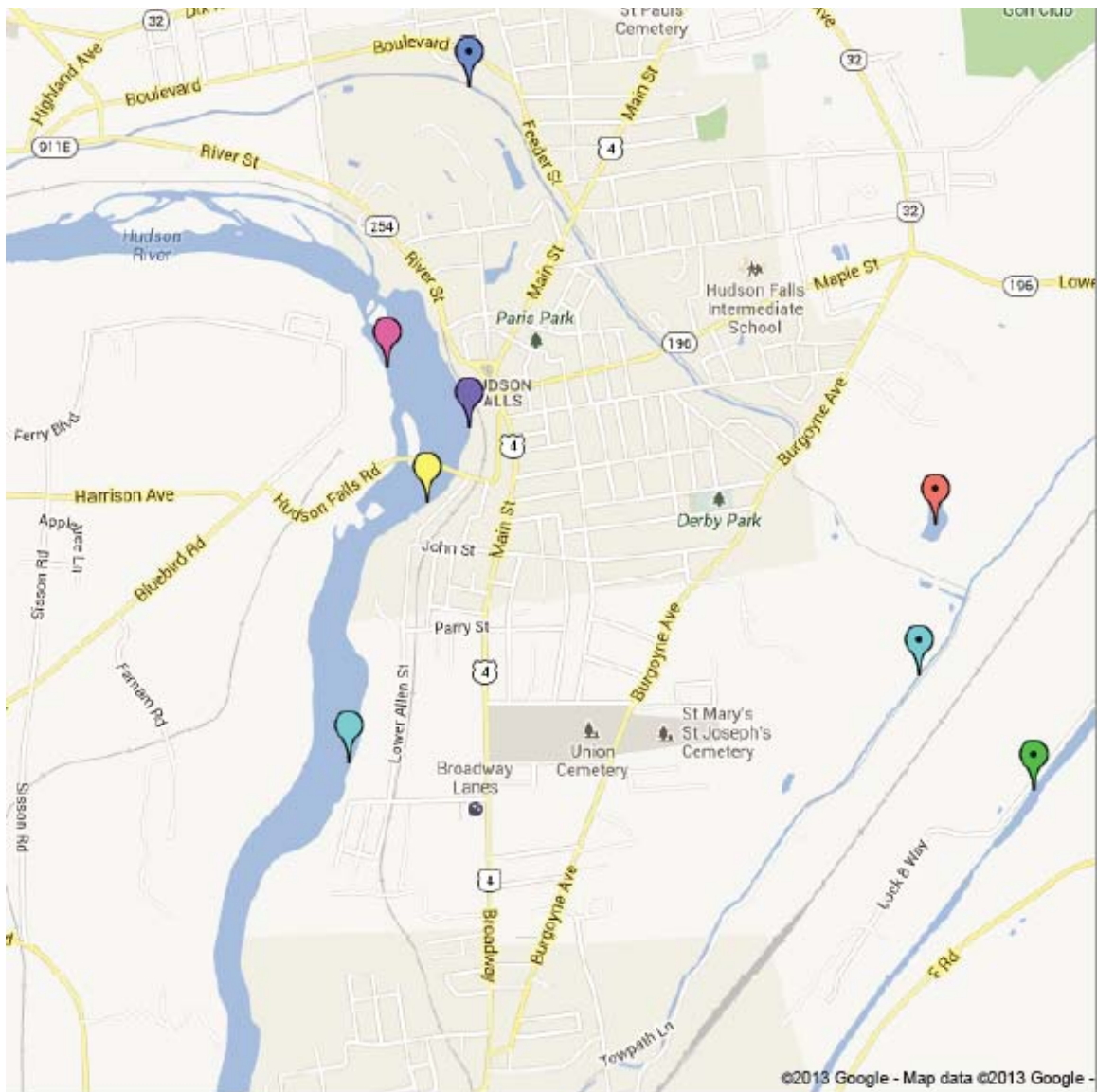
[http://www.dec.ny.gov/docs/wildlife\\_pdf/piscesfigures69.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/piscesfigures69.pdf)









[http://www.dec.ny.gov/docs/wildlife\\_pdf/piscesfigures1013.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/piscesfigures1013.pdf)

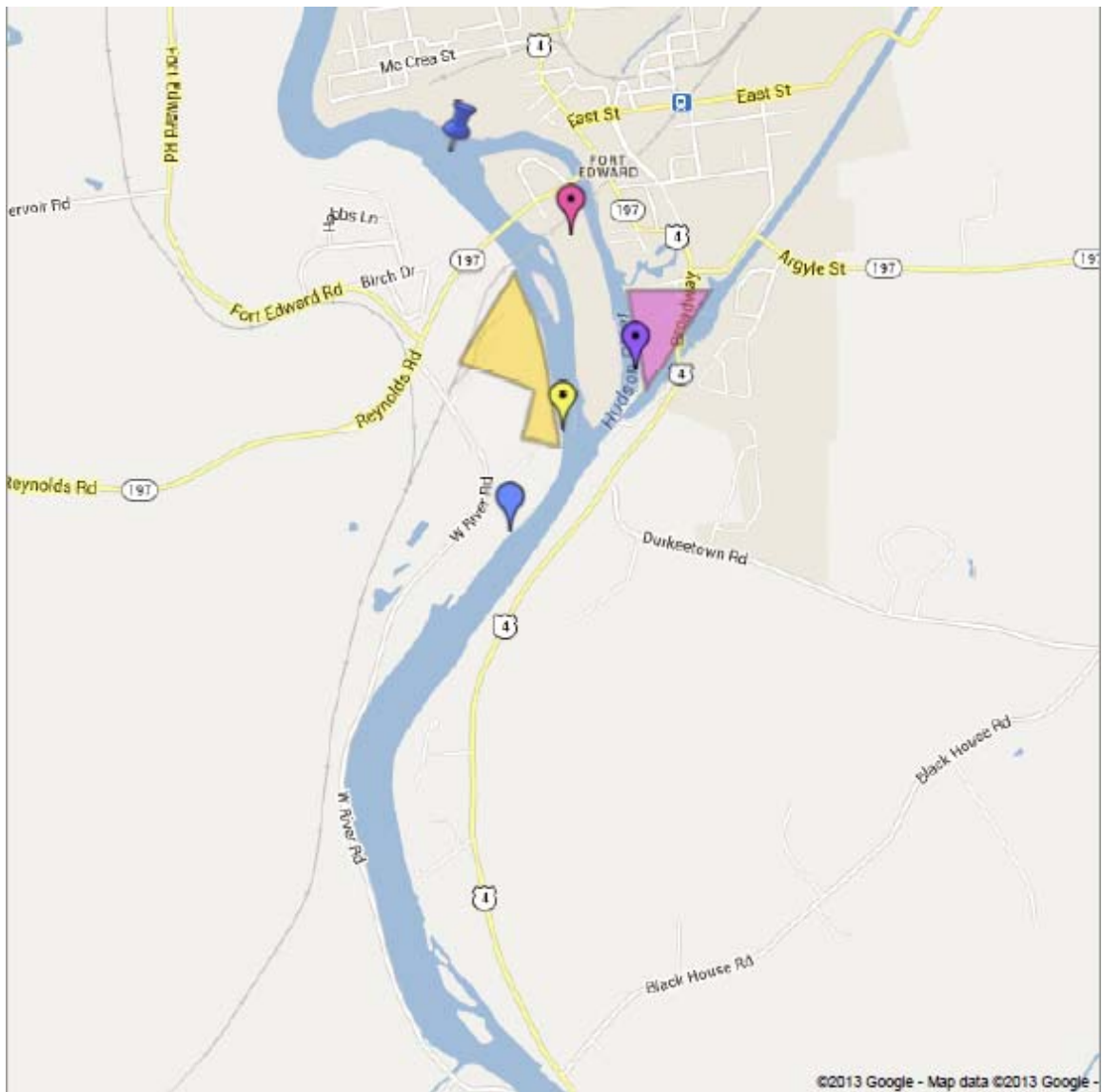
[http://www.dec.ny.gov/docs/wildlife\\_pdf/piscesfigures1438.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/piscesfigures1438.pdf)








U.S. EPA. April 2004. *Old Moreau Dredge Spoils Area/ New York Sate Canal Corporation*. New York, NY.

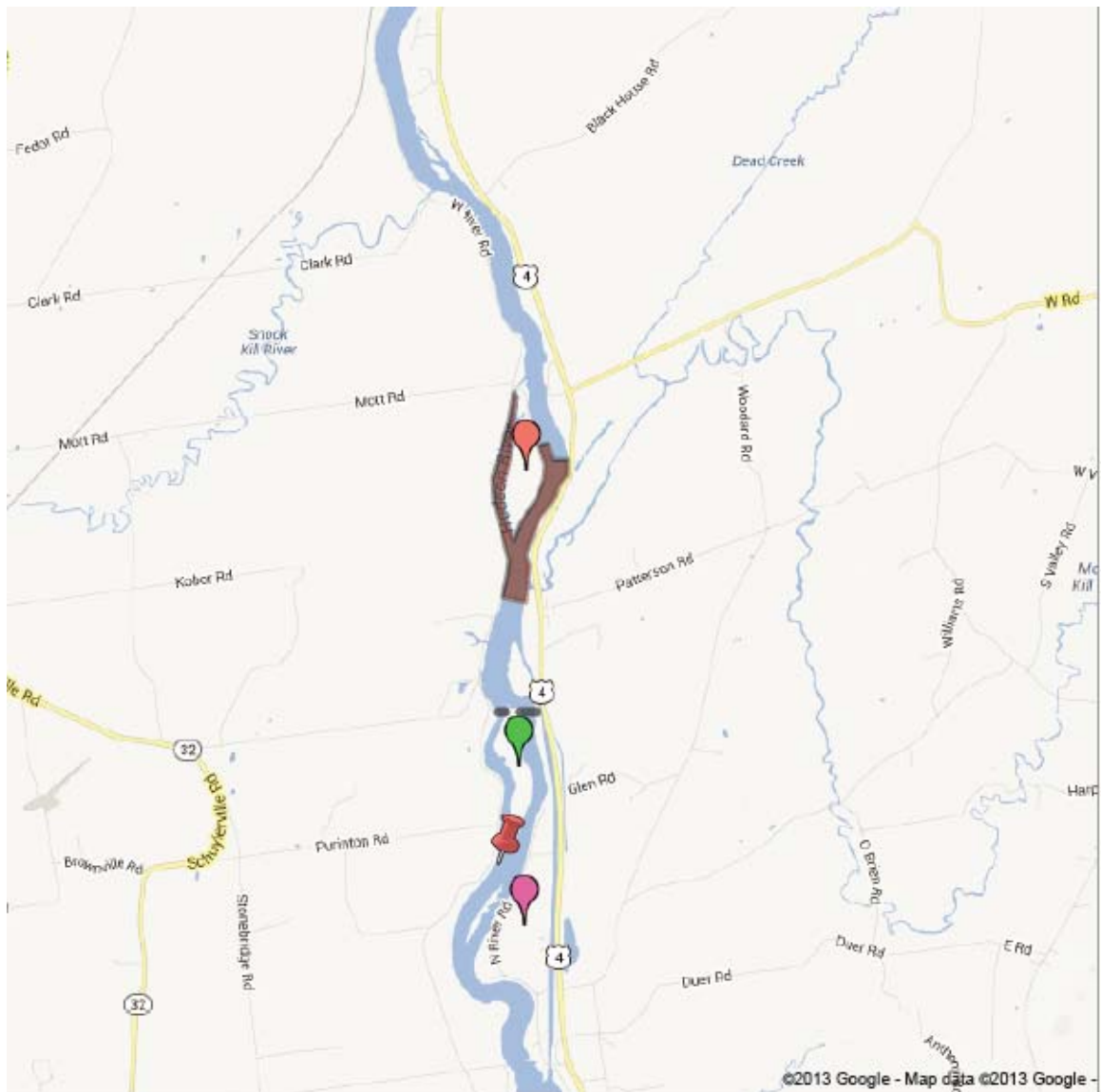
<http://www.epa.gov/udson/pdf/FS-Old-Moreau.pdf>



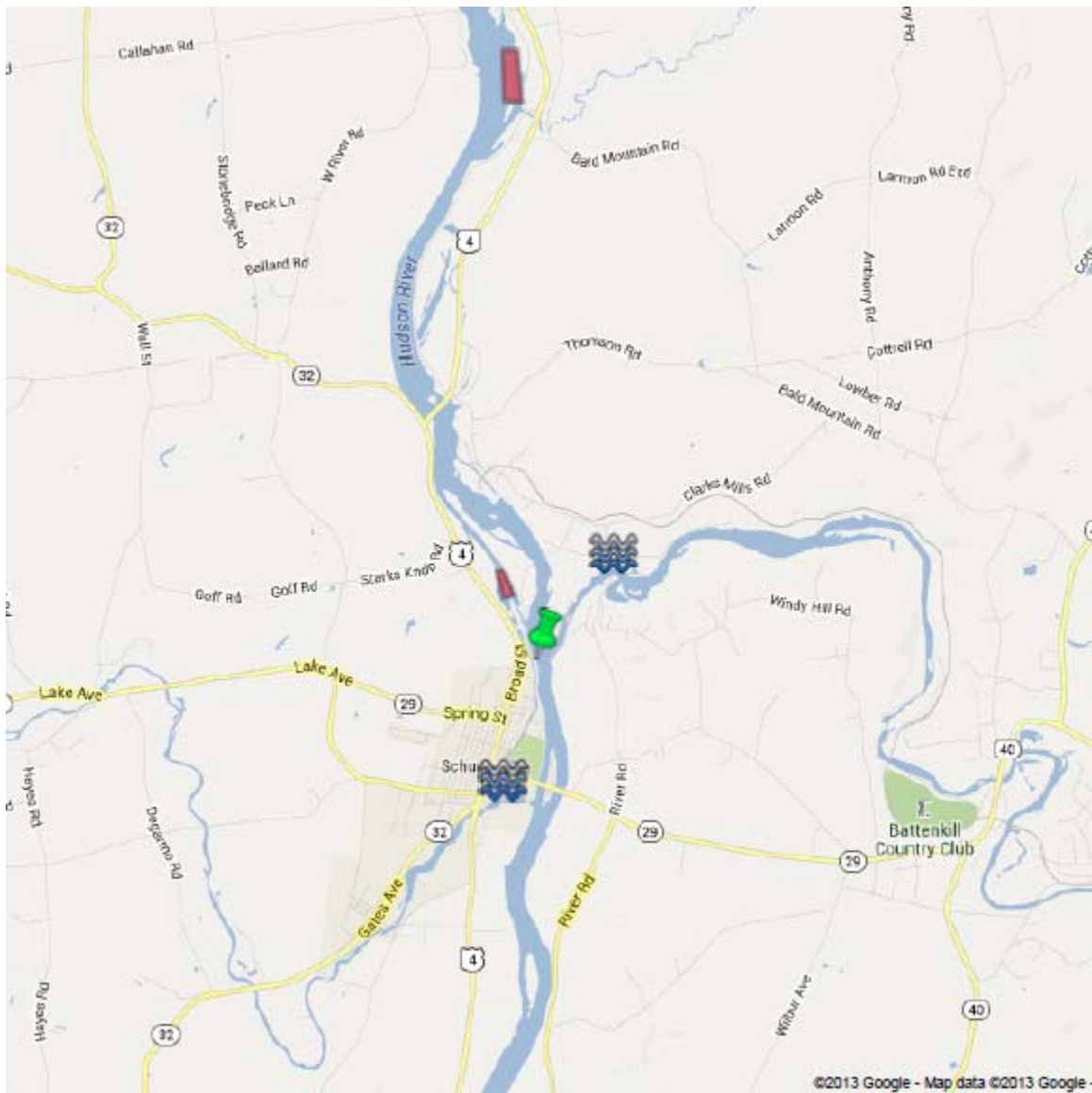
-  Feeder Canal  
 PCB contamination was documented in the area of the Ft. Edward and Kingsbury Landfills which contaminated Feeder Canal, Old Champlain Canal and Champlain Canal, and Cutter Pond. Location of Ft. Edward and Kingsbury Landfills unspecified. 5.2 ng/L
-  Unspecified Source
-  Unspecified Source  
 Low Level. 4.8 ng/L
-  Unspecified Source  
 Low level. 18.1 ng/L at surface. 23.8 ng/L at bottom.
-  Cutter Pond  
 7.4 ng/L
-  Old Champlain Canal  
 6.8 ng/L to 26 ng/L
-  Below GE Outfall 004  
 PCB Input. 466 ng/L
-  Champlain Canal






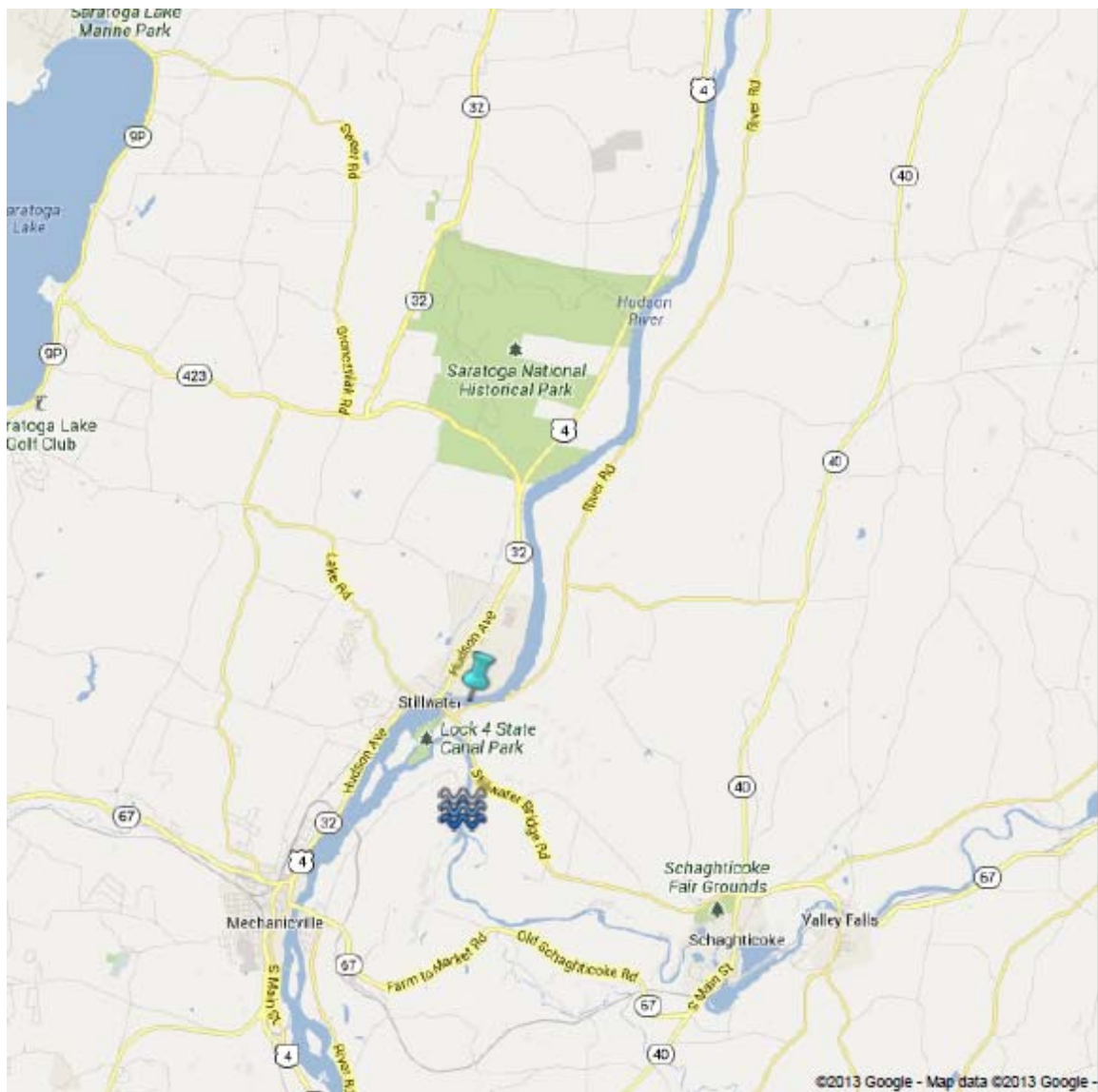
-  Rogers Island Monitoring Station
-  Rogers Island
-  Old Moreau Landfill  
"PCB inputs were documented adjacent to and just downstream from Rogers Island pointing to possible input from the Moreau Landfills." Previous Dredge spoils and dumping contaminated the site. Was being considered as a possible dredge spoils site in the late 1990's/ early 2000's.
-  Area 518  
An estimation of what Area 518 is. Not thoroughly mapped or described in the document.
-  Area 518 Elevated PCBs  
"due to Area 518 and/or sediment deposits in the east channel." 102 ng/L
-  Moreau Elevated PCBs  
"may be due to the Moreau Sites" 34.9. ng/L
-  Special Area 13 PCB Source  
"Evident PCB Source" Located at the Northern Area of Special Area 13. No maps or details of where or what Special Area 13 are given.





- Currently Dredging
-  Griffin Island
-  Thompson Island Dam
-  Thompson Island Dam
-  Thompson Island
-  Thompson Island Monitoring Station
-  Galusha Island



- Currently Dredging
-  Batten Kill River  
"showed PCBs slightly greater than background. There is a known PCB source upstream at Battenville." 2.6 ng/L
- Currently Dredging
-  Schuylerville Monitoring Station
-  Fish Creek  
Double the background PCB level, 2.4ng/L.



 Stillwater Monitoring Station

 Hoosic River

"Hoosic River showed a relatively high level of PCBs (4.8 ng/L). It has at least one known source further upstream at the former Sprague Electric plant site in North Adams, MA."