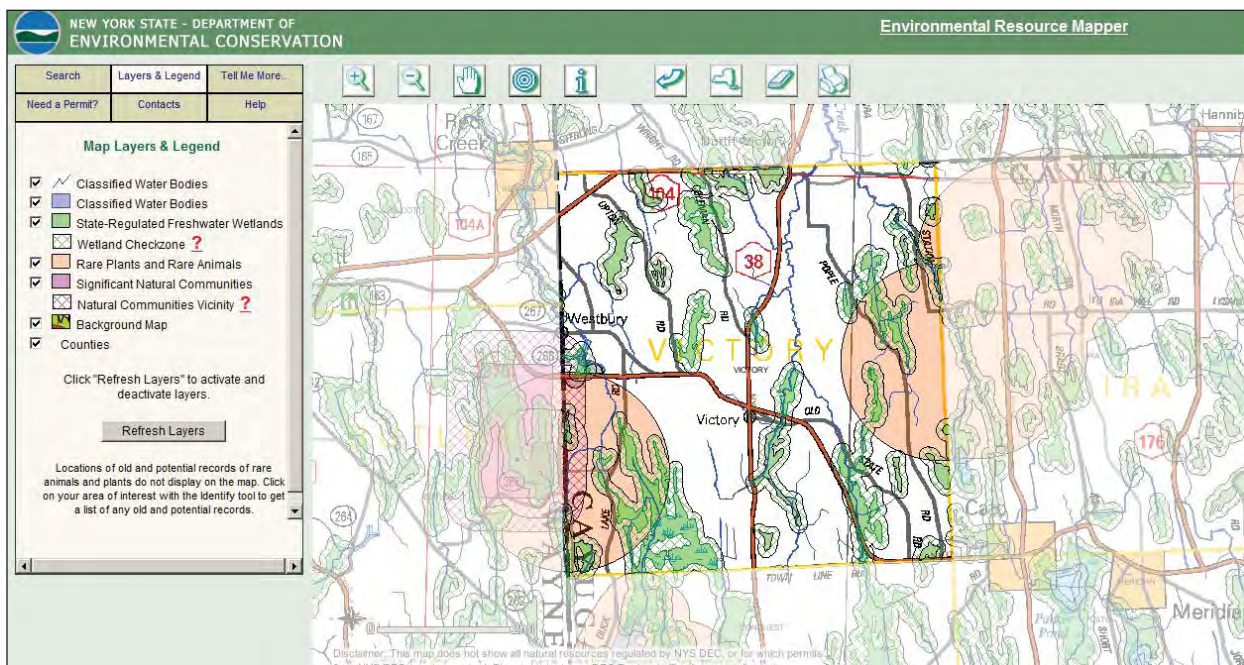


The Town of Victory is bisected by Sterling and Little Sodus Creeks flowing north through the town to east of the Hamlet of Victory on their way to Lake Ontario. Most of the Town of Victory is in the Lake Ontario watershed, with the exception of small areas at the south edge that are in the Seneca River watershed, although both of these watersheds ultimately drain to Lake Ontario. The headwaters of Red Creek flow north through the western part of town and Blind Creek also runs to the north beginning in the northern sector.

The wooded lowlands between the many drumlins throughout the Town often feature standing water, and there are large areas of state and federally designated wetlands in the Town. Approximately one quarter of the Town is in a 100 year flood zone area. The largest wetland is located in the southwestern quadrant of the Town between Duck Lake and Stahlnecker Roads. These wetlands, in combination with Victory’s many acres of agricultural lands and woodlands, comprise important wildlife habitat and ecological areas. The NYS DEC Environmental Resource Map (below) indicates the existence and locations of rare plant and animal areas in the Town, as well as proximity to significant natural communities at the west edge of Victory just south of the hamlet of Westbury. The extensive surface and subsurface hydrology in the Town of Victory make it both ecologically rich, and easily vulnerable to contamination of these important resources.

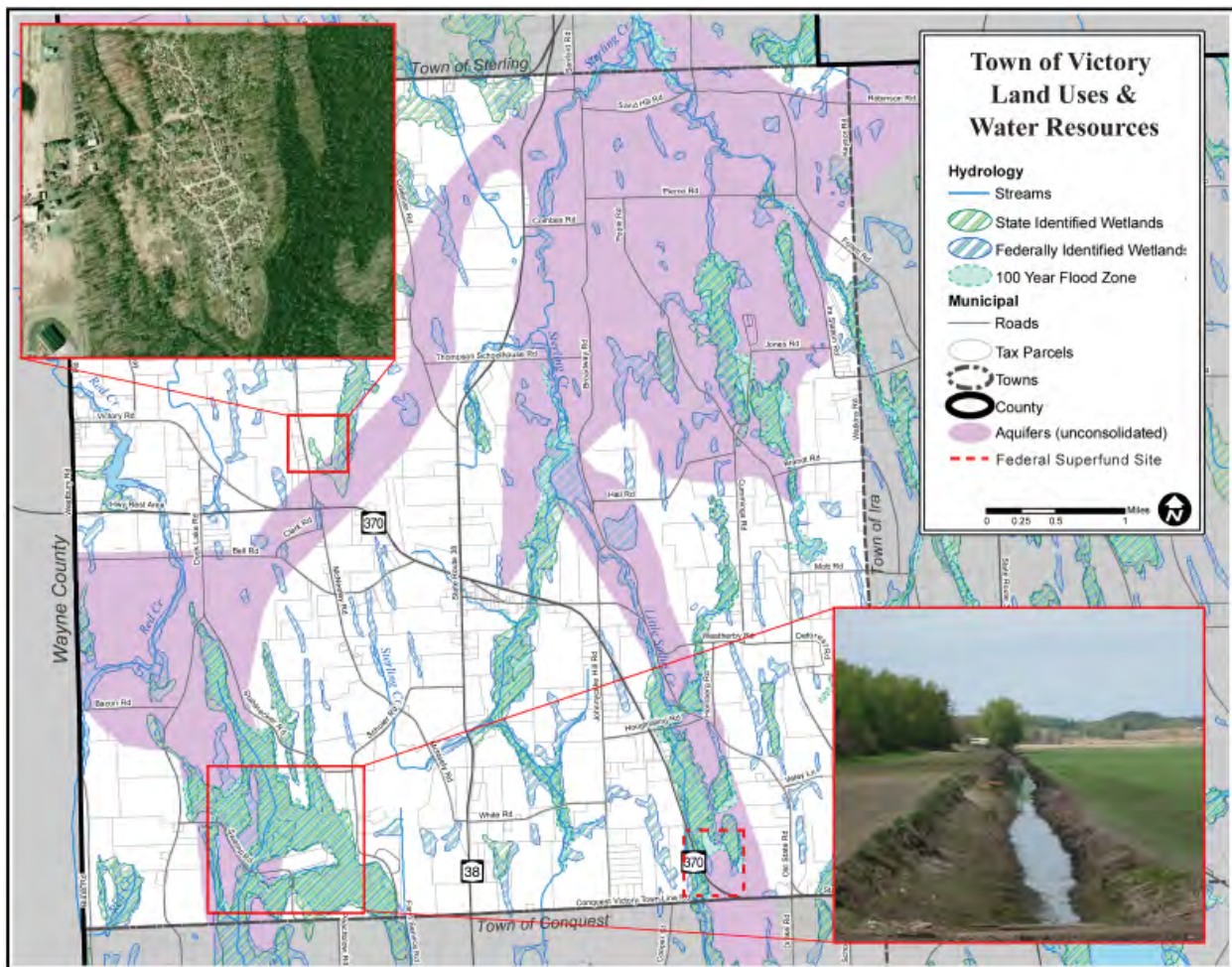


A large, unconsolidated aquifer lies beneath much of the Town of Victory. This ground water resource lies beneath Little Sodus Creek, Sterling Creek, and Red Creek to the north and west of Swamp Road. It extends to an area beneath almost the entire northeastern quadrant of the Town (see Map 6). The aquifer consists of deposits of sand and gravel with high permeability and shallow depth to the water table making it particularly susceptible to contamination from point sources such as junk yards, landfills and petroleum storage, and nonpoint sources such as agricultural runoff.

Due to the intricate hydrology of the Town of Victory, careful consideration should be given to land use decisions to prevent environmental impacts to the Town’s water resources. Indeed, many private residential shallow drinking water wells throughout the Town have already been determined by recent NYS Health Department testing to contain elevated levels of contaminants such as coliform bacteria.

Land uses in the town, especially those located above the aquifer or adjacent to wetlands, may contribute additional contaminants to the ground water supply. The Brillo Landfill, a federal superfund site located in the 100 year flood zone, within both state- and federally-identified wetlands, and directly over the aquifer near the southeastern border of the Town, is currently undergoing NYS DEC remedial investigation. The contaminated site includes approximately 12 acres of wetland and swamp area on privately-owned land that was contaminated with industrial wastes including PCBs and industrial solvents from General Motors Corporation dumped there in the 1970s.

Today, land uses that may contribute pollutants to soils or stormwater runoff should involve special consideration to ensure environmental protection. Regulatory issues to address fluid management to prevent spills at salvage yards are important because fluids and other hazardous materials commonly found associated with this land use include mercury, lead, and asbestos, and may contribute contaminants to ground water supplies. In addition, pesticides and other agricultural inputs with high nitrogen or phosphorus content can impact the health of the Town's wetlands and water resources.







An auto salvage yard (above left) is surrounded by a state identified wetland at the edge of the aquifer (shown in purple) that lies beneath the Town. At right, a series of channels provide irrigation to farm fields, but also carry runoff from agricultural lands to natural waterways and wetlands in the southern part of the Town. The location of a federal superfund site containing PCB's and industrial wastes is shown with a dashed red line near the southeastern border of the Town.

Wetlands, Floodplains & Aquifers






Town of Victory Comprehensive Plan

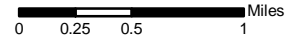
MAP 7

Hydrology

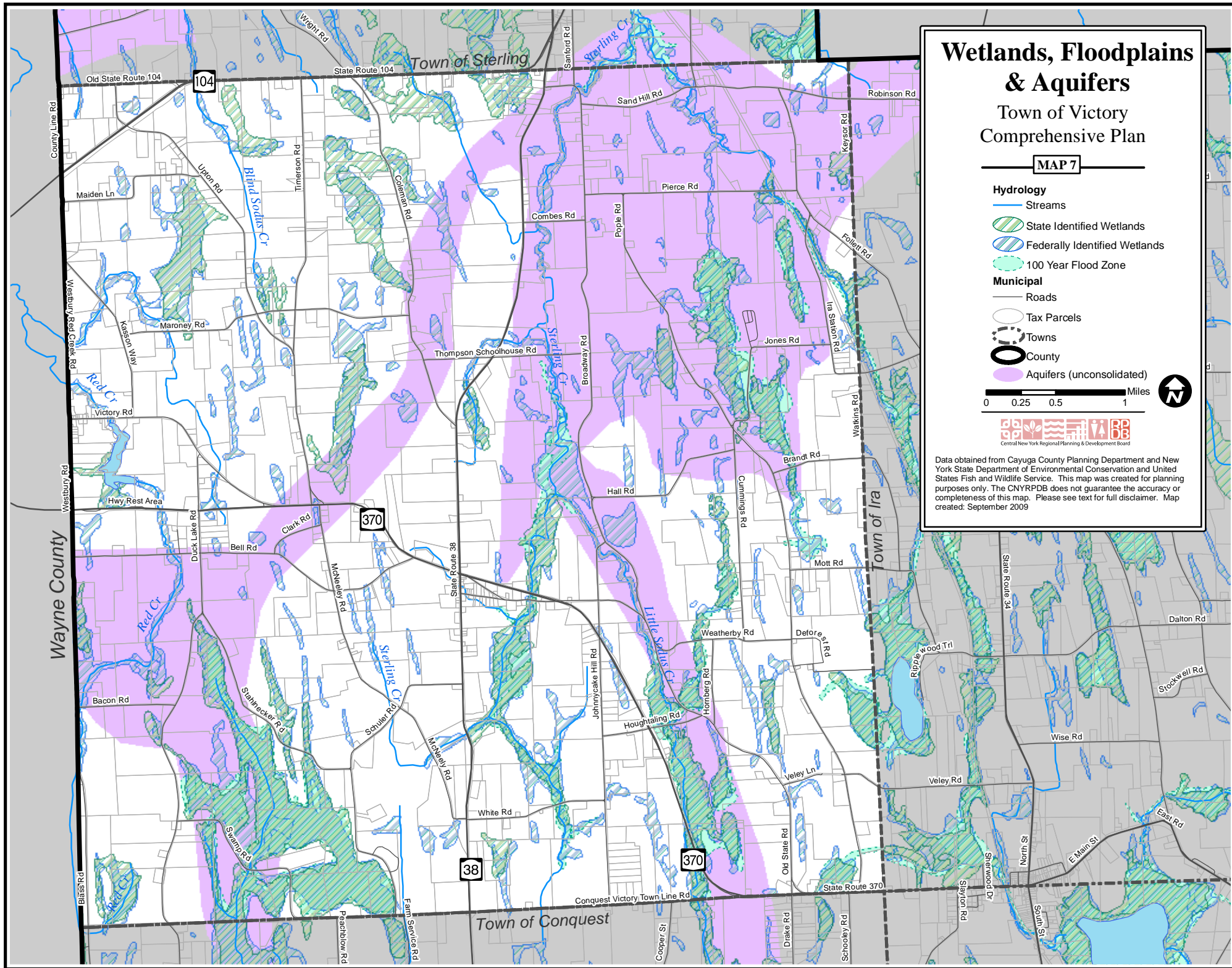
-  Streams
-  State Identified Wetlands
-  Federally Identified Wetlands
-  100 Year Flood Zone

Municipal

-  Roads
-  Tax Parcels
-  Towns
-  County
-  Aquifers (unconsolidated)



Data obtained from Cayuga County Planning Department and New York State Department of Environmental Conservation and United States Fish and Wildlife Service. This map was created for planning purposes only. The CNYRPDB does not guarantee the accuracy or completeness of this map. Please see text for full disclaimer. Map created: September 2009

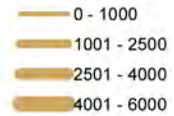


Roads & Scenic Views

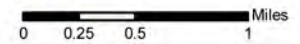
Town of Victory Comprehensive Plan

MAP 5

Average Daily Traffic



Other



Data obtained from Cayuga County Planning Department and New York State Department of Transportation. Traffic counts reflect both field counts as well as projected counts. This map was created for planning purposes only. The CNYRPDB does not guarantee the accuracy or completeness of this map. Please see text for full disclaimer. Map created: September 2009

