

A17: Sylvan Township

The geology of Sylvan Township consists of a mixture of coarse textured soils of Kame Moraine, Ground Moraine, and Outwash. The Township's groundwater resource varies considerably from the rest of Washtenaw County, in that approximately 40% of the wells in the Township are terminated in bedrock. This occurrence is due to the presence of the Marshall Sandstone formation which underlies much of the Township.

Some wells in Sylvan Township have experienced problems with tannic acid. This is most likely to occur in wells less than 50 feet deep in areas that have substantial wetlands acting as groundwater recharge areas. Tannic acid does not represent a health threat and is treatable using a charcoal or activated carbon type filter to remove the "yellowish" color tannins cause.

Drinking Water: Well Information

From 1968 through 1992 there have been 580 drinking water wells drilled in Sylvan Township. Between the years, 2000 to 2005, there were 99 new wells drilled and 65 wells were replaced. The average well depth is 87 feet.

Drinking Water: Consumer Confidence Report Summary

Sylvan Township Water and Sewer Authority: Water drawn from two underground wells, each at a depth of approximately 120 feet, and meets or exceeds State standards. Contact: (734) 433-5470

St. Louis Center: Drawn from two underground wells, each over 100 feet deep. Currently under an Administrative Consent Order (ACO) to address arsenic concentrations exceeding the drinking water standard. Corrective actions including installation of a treatment system is under way, with compliance required by July of 2008.

Sylvan Twp. – Mill Lake Observation Deck



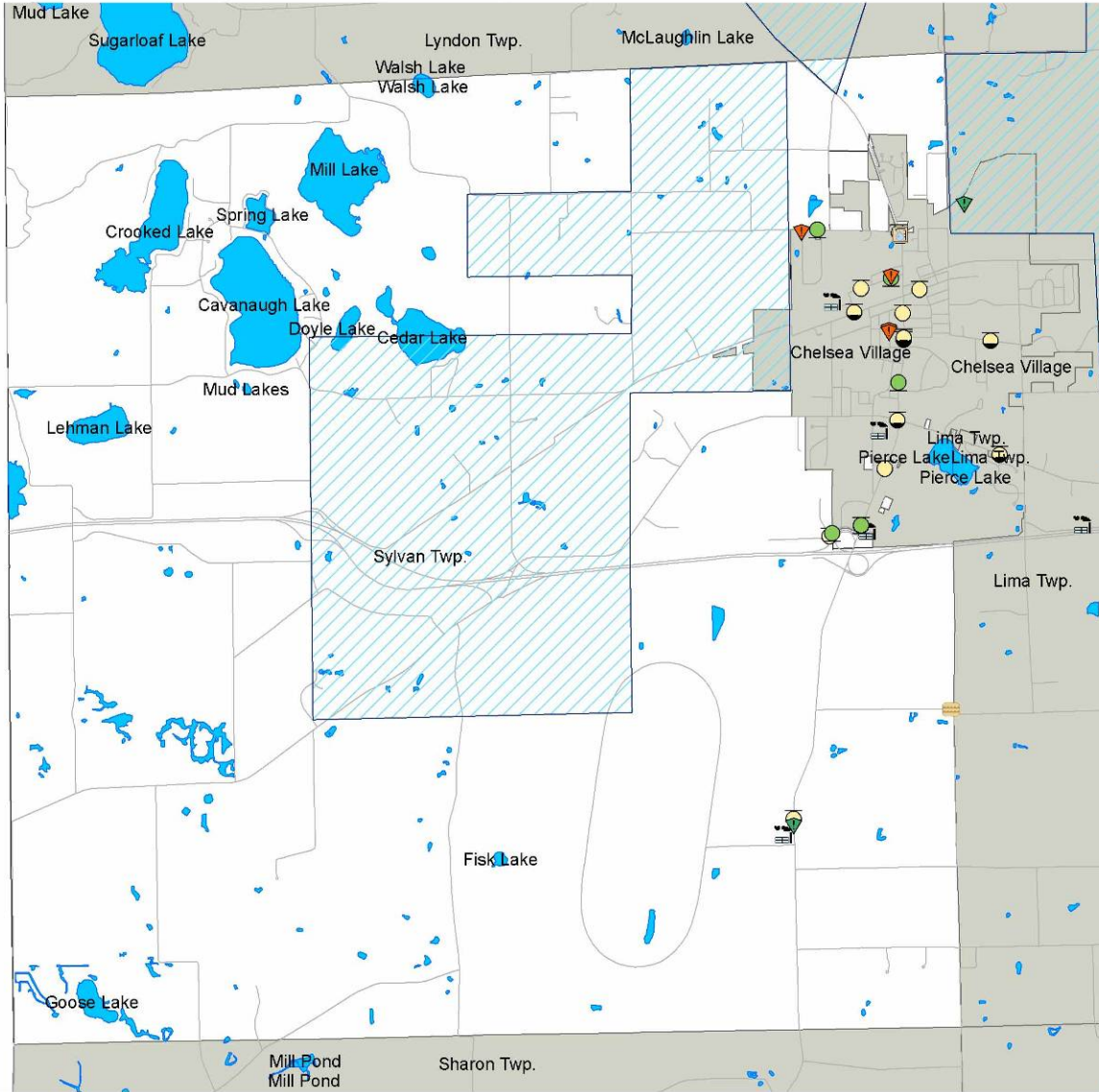
Surface Water Features: Mill Lake, Crooked Lake, Cavanaugh Lake, Cedar Lake, Goose Lake, Lehman Lake, Spring Lake, Doyle Lake, Fisk Lake, Walsh Lake.

Waterloo Recreation Area, the largest park in the Lower Peninsula, is located in Sylvan and Lyndon Townships. The park is more than 20,000 acres, and has a variety of amenities, including: modern campgrounds, a rustic campground, an equestrian campground, a swimming beach, several picnic sites, 11 excellent fishing lakes, eight boat launches, 12 miles of interpretive nature trails, 47 miles of hiking trails, and the Gerald E. Eddy Discovery Center.

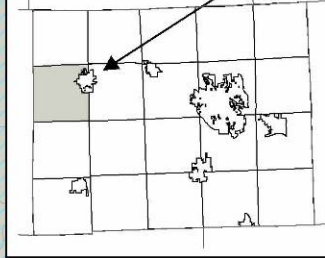
Local Indicator Data

Sylvan Township has no TMDL sites. It has no Part 201 sites. It has one septage disposal site. It has no NPDES permits for storm water and one NPDES pollutant discharge permit. Sylvan Township has 37 UST sites, three LUST, and three AST sites.

Sylvan Township: Water Quality Indicators

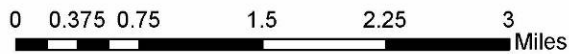


Washtenaw County:
Sylvan Twp.



Legend

- Septage Disposal Sites - 1
- NPDES Storm Sites - 0
- NPDES Permit Sites - 1
- TMDL Sites - 0
- AST Sites - 1
- LUST Sites - 3
- UST Sites - 37
- Part 615 Sites - 0
- Part 201 Sites - 0
- Part 115 Sites - 0
- Part 111 Sites - 0
- Well First Area
- Lakes
- Sylvan Township



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