

A16: Superior Township

Many portions of Superior Township have groundwater supplies that are of insufficient quantity for residential use, so the entire Township is designated “well first.” A well with at least seven gallons per minute of potable water must be permitted and drilled prior to constructing a residential home.

Groundwater supply problems are associated with the fine-grained lake plain geology of the eastern portions of the Township.

Approximately 8.5% of the water wells that have been drilled in the township encountered bedrock. A large percent of the wells drilled into bedrock did not yield sufficient quantity of water and no pump was installed. The predominant bedrock type encountered is blue, black and gray Coldwater Shale.

It is projected that aquifer recharge is occurring at a higher rate in the areas with sandy surface soils. Also, these areas have a higher probability that shallow unconfined water table aquifers are connected hydraulically to deeper aquifer systems. Land use in these sandy areas should be regulated to help prevent or minimize those activities which negatively impact groundwater.

Drinking Water: Well Information

From 1968 through 1992, there have been 803 water wells drilled in Superior Township. Between the years 2000 to 2005 there were 266 new wells drilled and 95 wells were replaced. The average well depth of 123 feet is the deepest in the County.

Superior Twp. – Parker Mill at Fleming Creek



Drinking Water: Consumer Confidence Report Summary

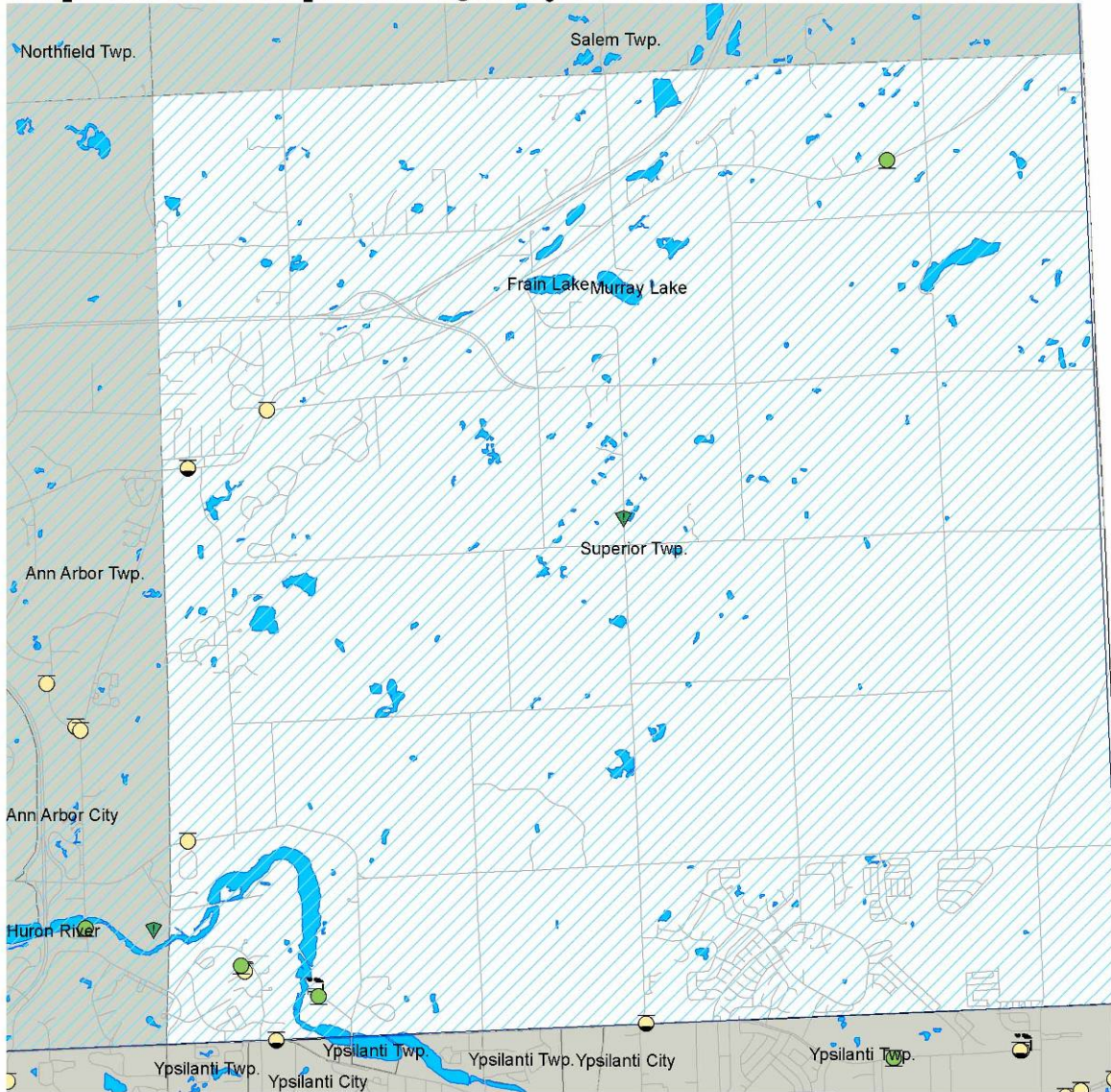
Superior Township: See Ypsilanti (YCUA) for most of the water district or for those residents in the far western portion of the water district see Ann Arbor Township

Surface Water Features: Fleming Creek, Huron River, Frain Lake, Murray Lake.

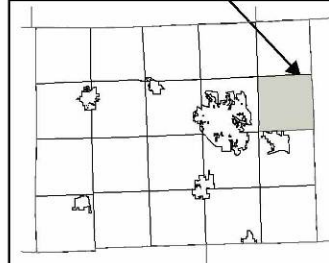
Local Indicator Data

Superior Township has no TMDL sites. It has one Part 201 Site. It has no NPDES permits for storm water and one NPDES pollutant discharge permit for its Municipal Separate Storm Sewer System. Superior Township has nine UST sites, three AST and three LUST sites.

Superior Township: Water Quality Indicators

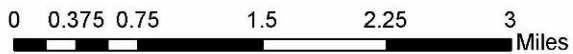


**Washtenaw County:
Superior Twp.**



Legend

- Septage Disposal Sites - 0
- NPDES Storm Sites - 0
- NPDES Permit Sites - 0
- TMDL Sites - 0
- AST Sites - 3
- LUST Sites - 3
- UST Sites - 9
- Part 615 Sites - 0
- Part 201 Sites - 1
- Part 115 Sites - 0
- Part 111 Sites - 0
- Well First Area
- Lakes
- Superior Township



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