

A12: Salem Township

Dry holes have occurred in many sections of Salem Township and the entire township has been identified as "well first." This requires that wells be drilled first prior to constructing any new homes.

A review of the surface soils of the Township shows that 23% of the land is covered by sandy soils. 28% of the land surface is hydrous or has a seasonal high water table that comes to the surface. Water features cover 3.14% of the Township.

Groundwater supplies are threatened by the presence of two landfills, the Salem Township landfill that is capped and inactive and the active Veolia ES landfill, which is among the largest in Southeast Michigan. Both are listed by the Michigan Department of Environmental Quality as P.A. 451, Part 201 Sites or sites of known or suspected groundwater contamination.

Drinking Water: Well Information

From 1968 through 1992, 695 drinking water wells were drilled in Salem Township. Of these, 525 have been added to the Washtenaw County Groundwater Database. Between the years 2000 to 2005 there were 255 new wells drilled and 76 wells were replaced. The average depth in the Township is 110 feet. This number is very misleading because of the great range of well depths in the Township. Sections 14, 17, 18, 19, 20, 30, and 36 have an average well depth of over 150 feet. Sections 19, 20, and 36 have well depths far deeper, with average depths of 251, 195, and 234 feet.

Salem Twp. – Town Hall



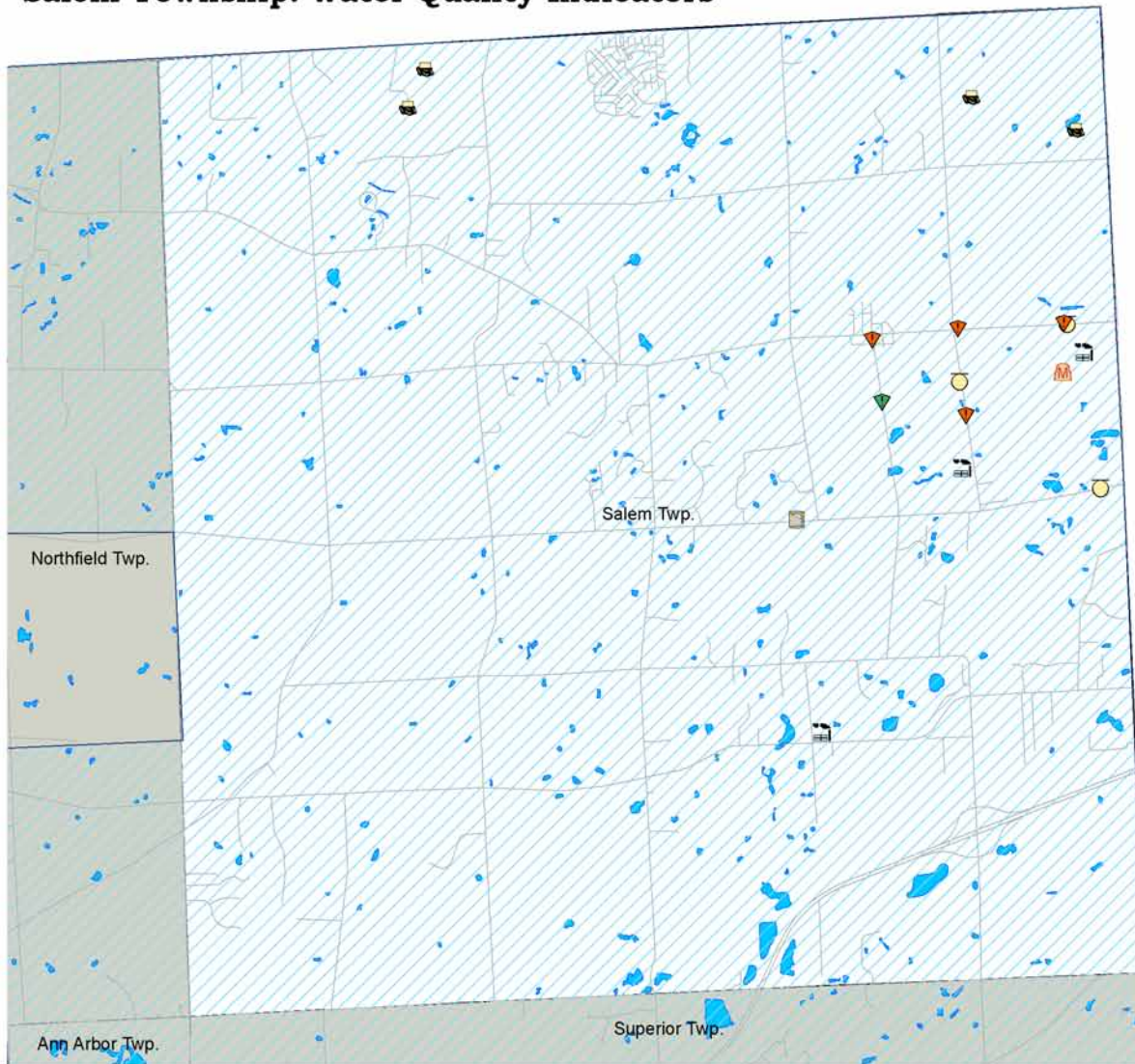
Drinking Water: Consumer Confidence Report Summary
None.

Surface Water Features: **Fleming Creek, Johnson Creek, Walker Creek/Drain, Ingall Drain, Wagner Drain.**

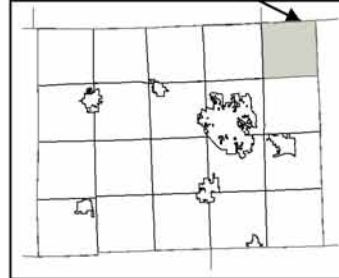
Local Indicator Data

Salem Township has one TMDL site for poor dissolved oxygen at Johnson Creek, from the confluence with the Walled lake branch upstream to 5 Mile rd. West of Currie Rd. It has three Part 201 sites. It has four NPDES permits for storm water and two NPDES pollutant discharge permits. Salem Township has four UST sites, and no AST or LUST sites.

Salem Township: Water Quality Indicators

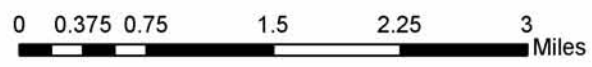


**Washtenaw County:
Salem Twp.**



Legend

- Septage Disposal Sites - 0
- NPDES Storm Sites - 4
- NPDES Permit Sites - 2
- TMDL Sites - 1
- AST Sites - 0
- LUST Sites - 0
- UST Sites - 4
- Part 615 Sites - 4
- Part 201 Sites - 3
- Part 115 Sites - 1
- Part 111 Sites - 0
- Well First Area
- Lakes
- Salem Township



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Environmental Health, October 2005.
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