

The Village of Ortonville periodically collects surface water samples from Kearsley and Duck Creeks within the Village. The Oakland County Health Division (OCHD) then takes the samples and tests them.

The OCHD takes a conservative approach in interpreting surface water results. OCHD does not know the intended purpose of the water body being sampled. Therefore, OCHD applies a recreational water use standard in determining “satisfactory” or “unsatisfactory.” Currently, recreational water standards are set in State law for partial and full body contact. The partial body contact standard is 1000 M.P.N (most probable number) /100 ml e.coli and full body contact standard is 300 M.P.N./100 ml. Surface water results are compared against the 300 M.P.N. e. coli. **Below 300 would be “Satisfactory.” The 2419 number is the upper detection limit for the test in the OCHD laboratory.**

