

Village of Windsor
 NY0301684
 AWQR Source Water Assessment Summary

The NYS DOH has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The state source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how easily contaminants can move through the subsurface to the wells. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is, or will become contaminated. See section “Are there contaminants in our drinking water?” for a list of the contaminants that have been detected. While nitrate and other inorganic contaminants were detected in our water, it should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants from natural sources. The presence of contaminants does not necessarily indicate that the water poses a health risk.

As mentioned before, our water is derived from two drilled wells. The source water assessment has rated these wells as having a high susceptibility to nitrate and microbials, specifically enteric bacteria and enteric viruses. These ratings are due primarily to the proximity of the wells to sewage disposal and septic systems in the surrounding area. Well #2 also has a high susceptibility to halogenated solvents and petroleum products because of its proximity to high traffic roadways with the potential for spills due to accidents. While no significant sources of contamination have been identified in the assessment area, the wells have also been given a medium-high susceptibility rating for other chemicals as noted in the table below because elevated chemical concentrations have been observed. Specifically, nitrate concentrations have exceeded 2.0 mg/l on occasions, which implies the wells have a high sensitivity to chemical contaminants. In addition, the wells draw from an unconfined aquifer that may not provide adequate protection from potential contamination. While the source water assessment rates our wells as being highly susceptible to microbials, please note that our water is disinfected to ensure that that the finished water delivered into your home meets New York State’s drinking water standards for microbial contamination.

SUSCEPTIBILITY TABLE		
CONTAMINANT	WELL #1	WELL #2
Enteric Bacteria	High	High
Enteric Viruses	High	High
Halogenated Solvents	Medium-High	High
Herbicides/Pesticides	Medium-High	Medium-High
Metals	Medium-High	Medium-High
Nitrate	High	High
Other Industrial Organics	Medium-High	Medium-High
Petroleum Products	Medium-High	High
Protozoa	Medium-High	Medium-High

County and state health departments will use this information to direct future source water protection activities. These may include water quality monitoring, resource management, planning, and education programs. A copy of the assessment, including a map of the assessment area, can be obtained by contacting the water supplier.