

## Culver Lake Water Use and Consumption Policy

The purpose of this policy is to clarify the understanding of water use and for informational intent. Recently, an inspection of the exposed shoreline of the lake was completed by Normanoch volunteers with the intent to document drain pipes and flows entering the lake. Many water supply lines were observed during this inspection. The use of these lake water pipes could not be determined but it is presumed that some may be used as a potable water sources for homes instead of a well-supplied water source.

Historically, it is understood that many of these houses dating to earlier years were unable to have wells. Well drillers refused to drill wells in some areas around the lake -most notably parts of the east and west shores. In those early days, drawing water from the lake was the only alternative. While documentation from past years does not exist, it is assumed that lake water was of higher quality due to lower housing density and fewer year-round residents. Use of lake water was understandable and common practice. This practice still exists although modern well drilling technology enables a well to be drilled at most any location around the lake. Those who are contemplating new construction, reconstruction, or remodeling should contact Frankford Township officials to see what water system and septic system regulations apply.

Our lake is classified by the State as a Category 2 body of water and is primarily for recreational use. The State does permit it to be used as a source for potable water but only with proper treatment. Perhaps in the past, some residents have consumed lake water without pre-treatment. Or they do not drink the water but use it for washing. In any event, the lake water in its untreated raw form should not be used as potable water.

Why do we bring this to your attention? First, the lake is not a water supply reservoir. We are a developed lake whose water can receive nutrients and pollutants from the watershed that can result in potential health risks. Powered boats, algae blooms, numerous wildlife including large flocks of birds, and increased housing density can alter the water quality. Even with all this, the lake remains safe for swimming.

Second, the Normanoch Association is always striving to improve the recreational value of the lake. This is accomplished through our water quality improvement plans, including monitoring and restoration of impaired aspects of the lake's water. Aeration systems are operated to minimize oxygen deficiency during the summer stratification season. Monitoring and control of nuisance weeds through harvesting in high density areas that impede recreational use are periodically conducted. From time to time, other methods may be used to improve the lake including the use of nutrient inactivation minerals. Use of nuisance weed herbicides may be considered in the future. The Association reserves the right to undertake such measures as needed with State permits and within State surface water quality standards.

Finally, awareness of these factors are offered as a guide to avoid any potential health risks. Persons who drink or use lake water do so at their own risk and the Association will not be responsible for any health effects, injuries, damages or

losses resulting from drinking or using lake water. Residents have the responsibility to insure their potable water is safe and if drawn from the lake is suitably tested and pretreated.

Normanoch Board of Directors

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