



2024

Jerry Arrendale jerrya@pcsouth.org jarrendale@sbcglobal.net

These notes do not replace our voice or text communications during or just after my visits that are intended to communicate any more urgent or time relevant concerns. This communication is intended to help further communicate to other lake stakeholders who may be interested. Leisure Ponds does provide a Detailed Yearly Report and monthly Data Sheets can be made available.

December 2024

Lake notes from my Lake Visit in December.

Lake 1: Small Lake

At the time of my visit the lake was milky slightly brownish black looking - OK.
Nutrient levels were low again for Nitrogen. Phosphorous levels were high again this month.
Geese present at the lake.

Lake 2: Large Middle Lake

The lake was slightly milky brownish black looking – OK. Nutrient levels were excessive for nitrogen this month and also high for phosphorous.

Lake 3:

At the time of my visit Lake Superior was only slightly milky brownish black looking – OK.
Nitrogen and phosphorous levels were both high this month. Geese were present.

Temperatures are colder as the winter season begins in December and ice sometimes form on the lakes surface. Some ice is clear and does not affect photosynthesis of photosynthetic organisms on the water. But if the ice has bubbles or is snow covered light transmission can be affected and oxygen production in the water reduced. If this condition remains too long a fish kill may result. This is referred to as Winter Kill. We do not see this much in our area as lakes do not typically remain ice covered for long. Leisure Ponds monitors the lakes for percent ice covered during our monthly visits.