

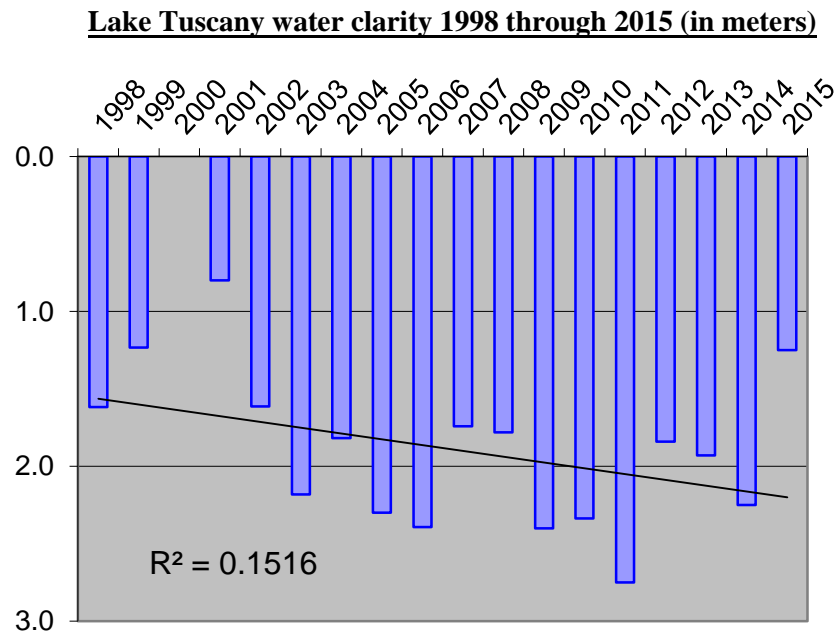
# LAKE TUSCANY

**Size:**  
2.2 acres

**Drainage Basin:**  
10 acres

**Average Depth:**  
12 feet (approx.)

**OHW Elevation:**  
69.9 feet NGVD



**General Information:** Lake Tuscany is a small, organic muck bottom, sinkhole pond. The lake receives water from groundwater seepage, and two stormwater outfalls. Water leaves the lake during high water conditions through a culvert to Lake Temple. .

**Water Quality:** Stormwater runoff is the primary factor affecting water quality in Lake Tuscany but at certain times of the year (fall turnover and spring warm up), water clarity may also be influenced by internal nutrient cycling from the highly organic sediments. Statistical analysis of annual average Secchi disk transparency data from 1998 through 2015 shows a slight improving trend in the lake over that time period.

**Management Efforts:** A baffle box has been constructed on one of the two outfalls treating a significant portion of the runoff to the lake. The city maintains a leaf trap on the other stormwater outfall to Lake Tuscany. The lake's muck bottom, occasionally leads to some aquatic plant problems. The tendency for water levels to fluctuate significantly can cause lily pads (*Nymphaea odorata*) to pull out of the bottom and float during high water conditions. A non-native plant, the burhead sedge (*Oxycaryum cubense*) occurs on the lake and has a tendency to form floating tussocks that can become quite large, and can be blown around the lake by wind. The City recently assisted with these issues by removing 200 cubic yards of floating plant material. The city plans to perform regular maintenance to reduce the potential for recurrence of this problem, but homeowners are primarily responsible for aquatic plant maintenance on private shorelines (permits may be required), and the City has limited access to the lake for bringing in equipment.