

# Piseco Lake Chemical & Physical Trends

Based on multiple analytical reports

CHEMICAL PARAMETER	RANGE	CONCERN
PHOSPHATES 1993-2023	30 to 5 µg/L (decreasing)	>20 µg/L
NITRATE/NITRITE 1993-2023	50 to 2 µg/L (decreasing)	Increasing
pH 1993-2023	6.9 to 9	<5
CALCIUM 1995-2023	2 to 2.8 mg/L	12 to 20 (Zebra Mussel)
ALKALINITY 1993-2023	2 to 8 mg/L (increasing)	Not published
CHLORIDE 2012-2023	2 to 8 mg/L	>230 mg/L

PHYSICAL PARAMETER	RANGE	CONCERN
CHLOROPHYL-a	2 to 4 µg/L	>8 µg/L high plant productivity <2 µg/L low plant productivity
TRANSPARENCY 1990-2023	5 to 2.2 meters (decreasing)	<0.5 meter