

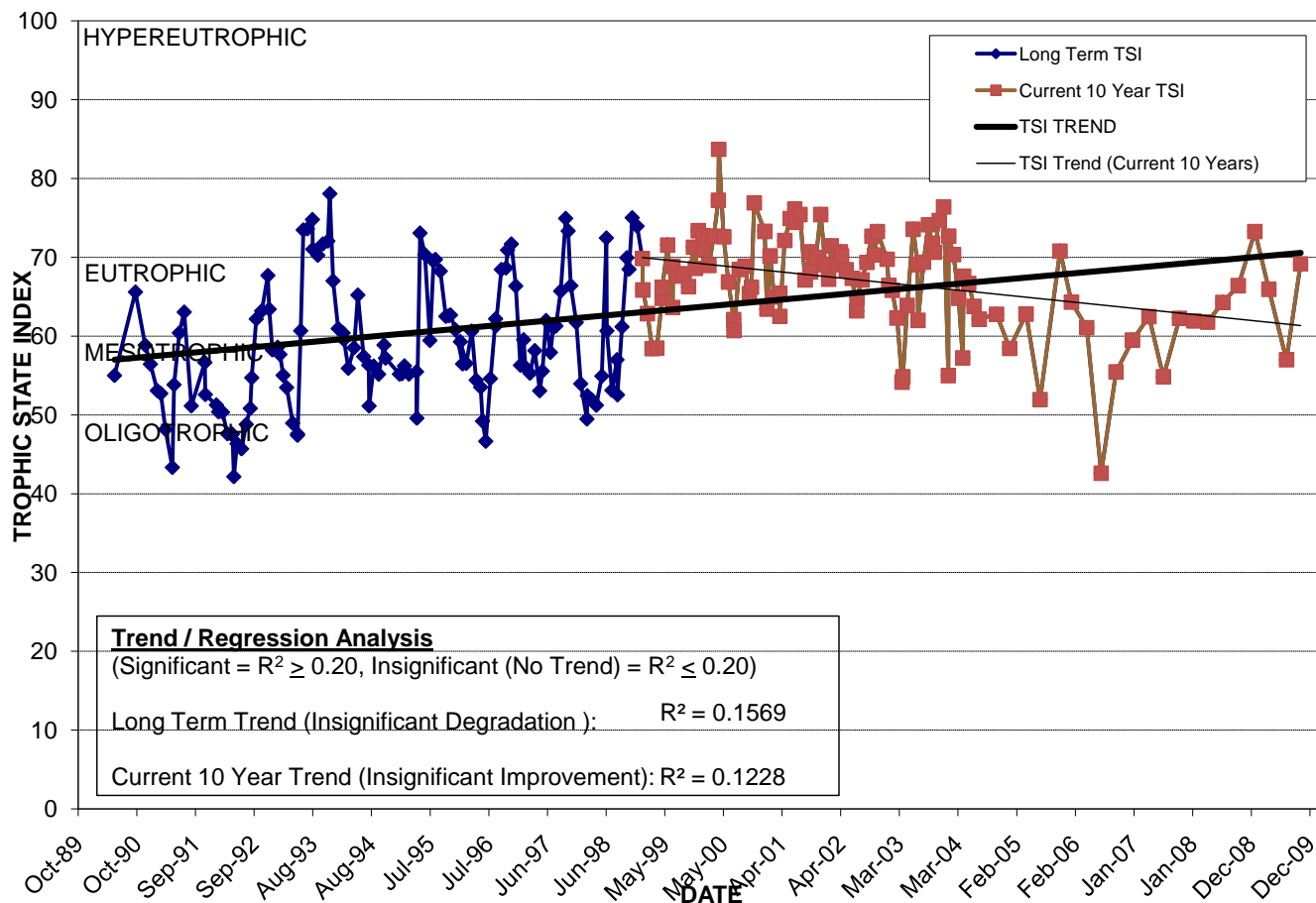
# BAY LAKE

Location: Lat **N 28° 35' 28.3"** Long **W 81° 25' 18.5"**  
 Section **9** Township **22S** Range **29E**  
 Lake Surface Area: **34 acres**  
 Lake Volume: **12,250,000 ft<sup>3</sup>**  
 Shoreline Length: **4,778 ft (1,456 m)**  
 Mean Depth: **8.3 ft (2.5 m)**  
 Maximum Depth:

Water Management District: **St. Johns River**  
 Drainage Code: **SJ-LW-3-27**  
 Drainage Basin Area: **332 acres**  
 Land Use: **24% Res, 37% Com, 28% Vac**  
 Drain Wells: **No** Aeration: **No**  
 Lake Origin: **Natural**  
 Grass Carp (*Ctenopharyngodon idella*): **Yes**

2009 Water Quality Data		TSI Ranking: 87 (out of 95 lakes)			
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m <sup>3</sup> )	Trophic State Index
Minimum	0.022	1.95	0.4	14.2	57
Maximum	0.039	2.52	0.9	53.3	73
Average	0.030	2.25	0.6	33.6	66

**Long-Term Trophic State Index Values and Linear Regression Trend Line**



**Location:** Adjacent to John Young Pkwy. (on the west side) approx. 0.5 mile south of Lee Rd.