

# LAKE SEMINOLE FACT SHEET

## GENERAL FACTS

- Lake area is 684 acres
- Lake is just over 3 miles long
- Lake depth averages 5-6 feet

## HISTORY

- Prior to 1940s the lake was an extension of Long Bayou, a brackish water segment of Boca Ciega Bay
- Late 1940s the lake was created by the construction of Park Boulevard
- 1950-1960 the largemouthed bass fish species population was rated as excellent, water quality starts to decline
- 1963 the lake was designated an official Fish management area by the Florida Game Commission
- 1970s the water quality and sport fishery see noticable decline
- 1971 elimination of direct input from wastewater plant
- 1976 Lake Seminole Bypass Canal created
- 1987 grass carp introduced
- 1989 Pinellas BOCC passes resolution of long-term management plan
- 2001 Lake Seminole watershed management plan finished
- 2007 Lake Seminole Reasonable Assurance Plan adopted



Figure 1- 1942 aerial



Figure 2 – current aerial

## CURRENT CONDITIONS

- Poor water quality is sustained by
  - Stormwater runoff
  - Mucky bottom sediments
  - Poor flushing
- Rough fish are more abundant than sport fish
- Continued invasive vegetation spread throughout the lake
- Recreational opportunities and aesthetics have diminished due to murky water, algae blooms, and muck sediments

## WHAT HAS TO BE DONE

- 1990s Stormwater pond rehabilitations
- 2002 Littoral shelf sediment removal and revegetation
- 2006 Lake draw-down and nuisance vegetation removal, replanting, and drainage improvements
- 2010s Construction of alum stormwater treatment systems

## WHAT IS BEING DONE NOW

- Operation of 5 alum stormwater treatment facilities
- Construction phase of 900,000 cubic yards organic sediment removal project
- Continued education and outreach

## FUTURE EFFORTS

- Aquatic vegetation management
- Wetland restoration
- Native tree plantings

## FUNDING

- Pinellas County Penny for Pinellas
- Southwest Florida Water Management District
- State of Florida Appropriations
- RESTORE Act
- Federal fun