

Myakka Watershed Surface Water Quality Status Report

October 2017

OVERVIEW

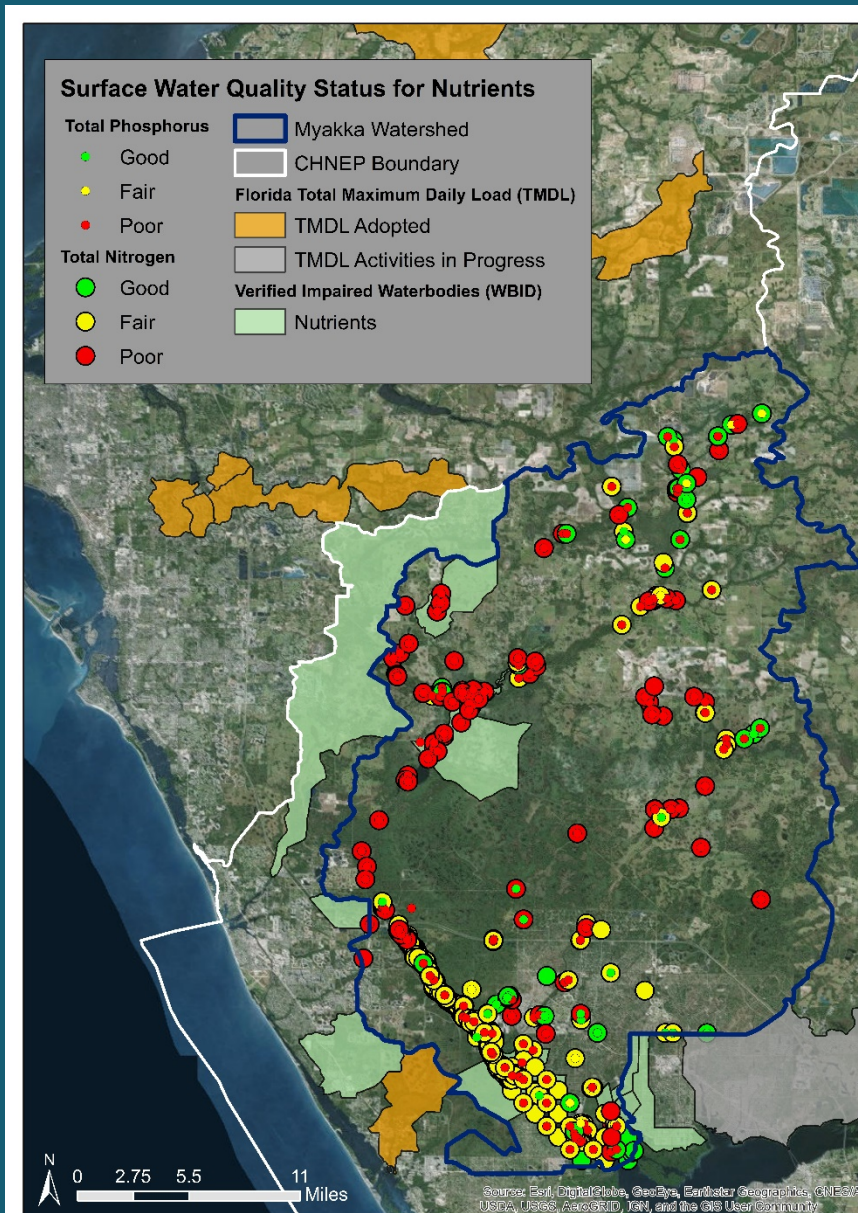
The Myakka Watershed surface waters is primarily comprised of the Myakka River and its tributaries. CHNEP and its partners such as the Florida Fish and Wildlife Conservation Commission, Charlotte County, Florida Department of Environmental Protection and the Southwest Florida Water Management District conduct much of the water quality monitoring in the area. This status report compares the five-year average of CHNEP Water Atlas data sources to local water quality targets to determine if water quality is good, fair or poor. It also identified “impaired” waterbodies that do not meet state water quality standards.

Major River

- Myakka

Major Creeks:

- Forked	- Sam Knight
- Huckaby	- Oglebay
- Sam Knight	- Curry
- Indian	- Young
- Curry	- Bobcat
- Flopbuck	- Owen
- Howard	



NUTRIENTS

Nutrient pollution is one of the most widespread water quality problems, caused by excess nitrogen and phosphorus. It can cause algae to grow, degrade aquatic habitat, and decrease dissolved oxygen that fish and other aquatic life need to survive.

Light green areas are impaired for nutrient pollution, and yellow and red dots indicate where sampling has detected high nutrient levels.

Waters Verified Impaired for Nutrients:

- Myakka River
- Flopbuck Creek
- Huckaby Creek
- Tippecanoe Bay
- Manchester Way
- Lake Myakka Upper Segment
- Indian Creek
- Curry Creek – Freshwater Portion
- Cow Pen Slough
- Forked Creek

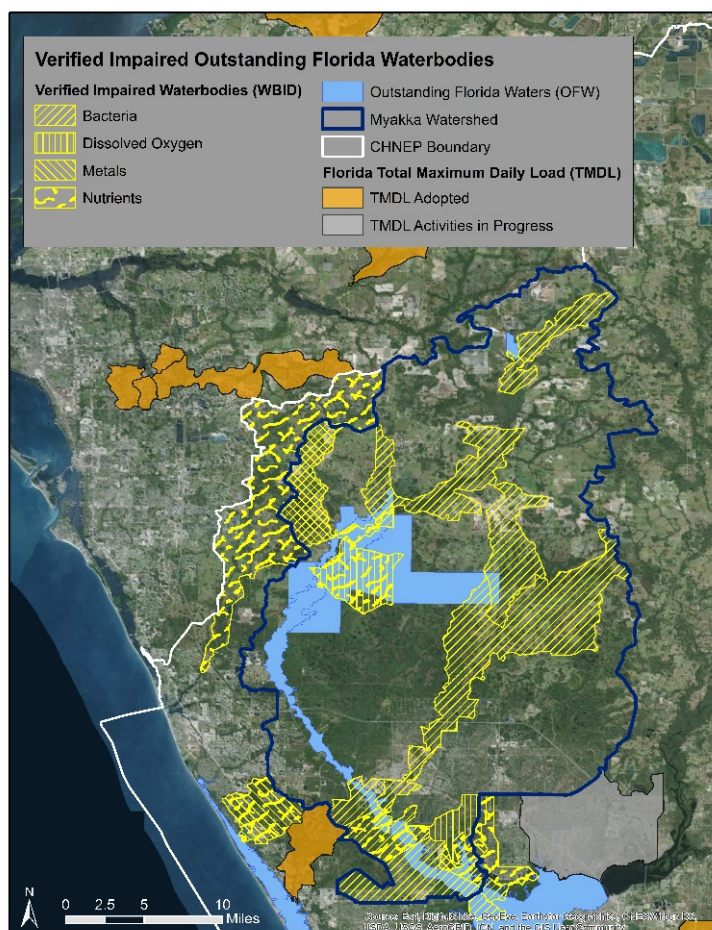
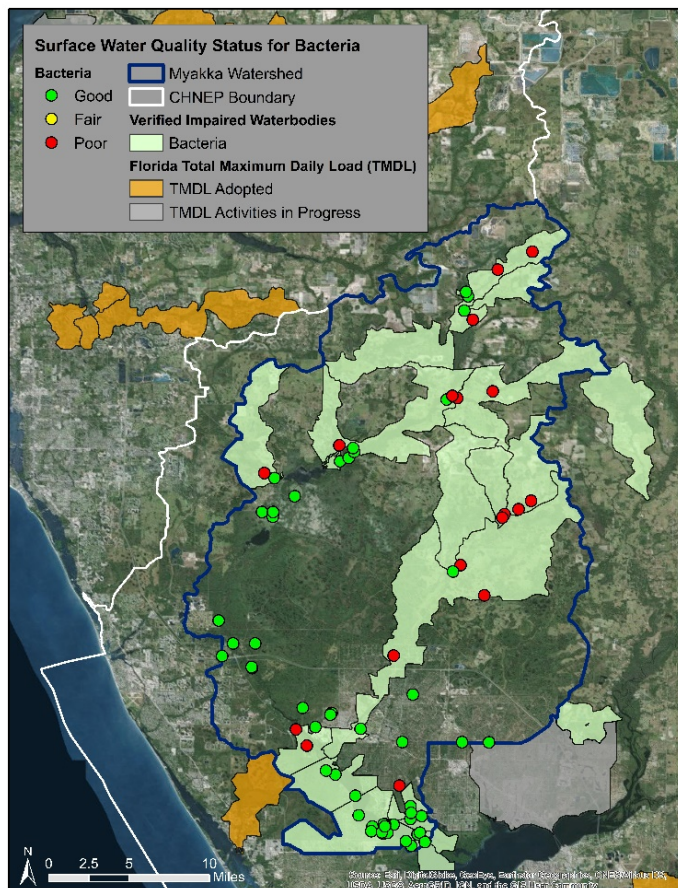
BACTERIA

Bacteria pollution can result from human and animal waste entering waterways, and can indicate pathogens may be present.

Light green areas are impaired for bacteria. Yellow and red dots indicate where sampling has detected high bacteria levels.

Waters Verified Impaired for Bacteria:

- Big Slough Canal
- Bobcat Creek
- Brandy Branch
- Bud Slough
- Howard Creek
- Mud Lake Slough
- Myakka River



Outstanding Florida Waters

An Outstanding Florida Water, (OFW), is a waterbody designated worthy of special protection because of its natural attributes (pursuant to rule 62-302.200(26) and 62-302.700, Florida Administrative Code (F.A.C.).

However, many of these waterbodies are currently impaired (as indicated by light blue with yellow crosshatching in map to left).

Verified Impaired OFWs:

- Beker
- Lemon Bay Estuarine System
- Lemon Bay Aquatic Preserve
- Gasparilla Sound Aquatic Preserve
- Myakka River
- Myakka River State Park
- Myakka River Wild and Scenic River Segment



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