



# Key West & Stock Island DEP Water Quality Monitoring

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# Reasonable Assurance Plan

## Within 500 yards of shoreline

- EPA regulations allow states to place certain impaired water bodies into Category 4b of the Integrated Report Categories instead of Category 5 – Impaired and needs a TMDL.
- The Florida Watershed Restoration Act (Section 403.067(4), F.S.) explicitly allows DEP to not list impaired waters under Category 5 if they already have control programs in place that will ensure water quality standards will be restored.
- These types of waterbodies – impaired, but with control programs already being implemented to reduce pollutant loadings – are placed in assessment Category 4b for Clean Water Act section 303(d) reporting purposes.





# Numeric Nutrient Criteria

## 500+ yards from shoreline

ENRG1 & ENRG3	Estuary Segment Code (ENR)
62-302.532(1)(g)3., F.A.C.	Rule Citation
0.3 ug/L	Chl-a Criterion
0.21 mg/L	TN Criterion
0.008 mg/L	TP Criterion

As of the conclusion of the recent monitoring program contracted to Monroe County (ending in October 2020), **none of the sites around Key West or Stock Island** were in violation of these numeric criteria.

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# Welcome to Watershed Information Network WIN

## DEP Announcements



Announcement Title	Announcement	Posted on Date

## General Guidance to our New WIN Users and the General Public

This is the Florida Department of Environmental Protection (DEP) Watershed Information Network (WIN) environmental database. WIN is the DEP repository for environmental data from non-regulatory data sources from data providers across Florida. WIN replaces Florida STORET as an active data repository, while both are used for data reporting. Data providers & data users include federal, DEP, other state & local agencies, academic institutions, volunteer organizations, private laboratories, & others.

If you only want to view data already submitted, you can go directly to the public Reporting area by selecting the "Reports & Extracts" option at the top left of this screen.

If you need the ability to display or extract more than a limited number of rows of data, but you are not affiliated with a specific organization, you need to be a Registered WIN user.

[Register as a WIN User only](#)

If you are a Registered WIN User, please login using the button below.





# Data Uploaded Within Last Year



- Department of Health currently samples beaches **weekly** for enterococci.
- Florida Lakewatch samples Stock Island sites **periodically** (7 events in 2020 with last event 12/2020) for nutrients, chlorophyll, and secci.
- FIU samples Gulf-side locations **quarterly** for as part of Water Quality Protection Program.



# Requirements

- ✓ Lab must be **accredited** (e.g., Flower's Lab in Marathon).
- ✓ Field sampling must be done under Florida DEP **standard operating procedures (SOPs)**, including daily calibrations.
- ✓ Equipment must meet all DEP/EPA **quality control standards** (e.g., YSI ProDSS).
  - These requirements may already be met.

**Data is then converted into proper format and uploaded to WIN, which the WQPP has identified as a priority.**



**Thank you!**

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