



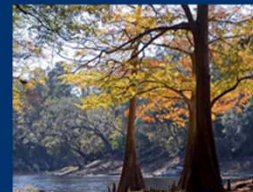
Florida Department of Environmental Protection

Water Quality Evaluation and TMDL Program

Nutrient TMDLs for Caloosahatchee River Basin

<http://publicfiles.dep.state.fl.us/DEAR/BMAP/Caloosahatchee/CaloosahatcheeTMDL/>

February 21st, 2017





WATER QUALITY RESTORATION PROGRAM OVERVIEW



Water Quality Restoration

- Standards
- Monitoring
- Assessment
- **TMDL development**
- Restoration Plans
(i.e. BMAP, RAP)



Implemented on a rotating basin approach...



What Does TMDL Stand For?

Total Maximum Daily Load

Maximum amount of a pollutant that a waterbody can assimilate without causing exceedances of water quality standards.

TMDL is a ***Restoration Target***

Under Section 303(d) of the federal Clean Water Act and the Florida Watershed Restoration Act, TMDLs must be developed for *impaired* waters.



Ok, so what does that mean?

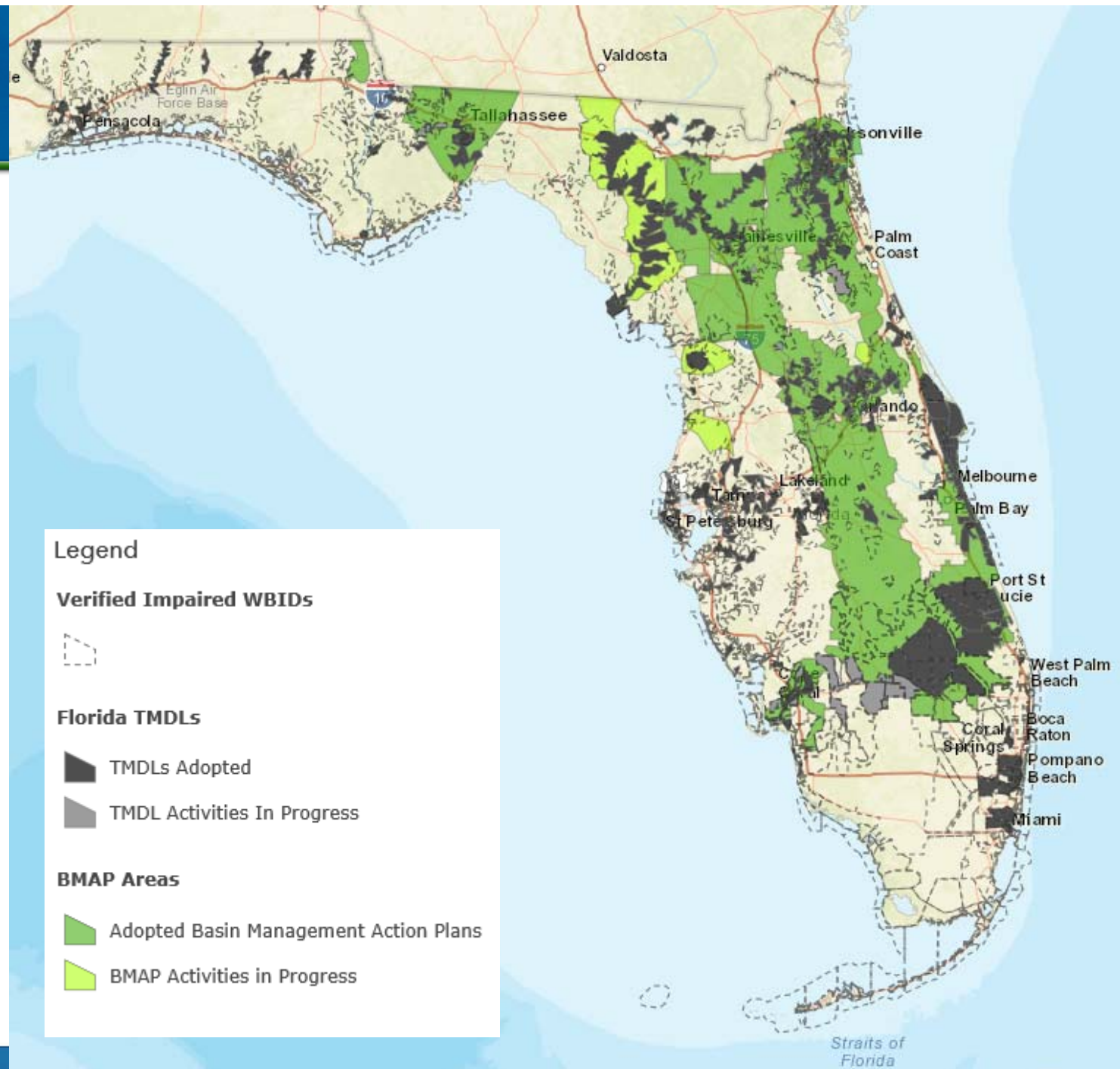
- TMDLs are water quality restoration goals
 - Pollutant-specific loading targets
 - Derived scientifically by studying the waterbody
 - If targets met, waterbody expected to meet its criteria



Restoration Targets

- We call them **TMDLs** (Total Maximum Daily Loads)
- **TMDLs are water quality restoration thresholds produced for waterbodies that are “impaired”, which means that they do not meet water quality standards**
- They serve as the legal basis for future restoration action (federal CWA, state WRA), particularly for permitted entities. Adopted as state rules.

Fact: 399 TMDLs adopted to date, **43** for waters that include springs





Federal TMDL Program Responsibilities

**The Federal Clean Water Act (1972)
established requirements for states
in section 303(d).**

States must:

- Assess and provide lists of their impaired waters to EPA
- **Develop TMDLs for impaired waters**
- Identify pollutant reductions and allocations
- **Develop implementation plans**



Florida Watershed Restoration Act

The Watershed Restoration Act of 1999* established a framework for identifying impaired waters, developing TMDLs and developing and implementing restoration plans:

- Authorizes DEP to do these things
- Authorizes FDACS to work with agriculture to implement BMPs

**(Section 403, Florida Statutes)*



Stakeholder Involvement in TMDL

We need your help:

- Reviewing and commenting on draft documents
- Providing information on local water quality issues & projects that might influence the TMDL
- Assuring that pertinent local information is used in TMDL development and in report
- Establishing contact with key stakeholders who will help us during the restoration process



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Watershed Information Network

- WIN is the replacement for Florida STORET
 - Data providers will upload to WIN instead
 - Old data in STORET will still be accessible
- WIN will be open for uploads in January 2017
 - Last sample date to be uploaded to STORET (06/30/17)
 - After that, all data will need to come to WIN
 - STORET closes- December 31, 2017*
- WIN data must meet minimum quality standards
 - Providers should be making necessary changes now
 - Contact your WIN coordinator for assistance





Watershed Information Network

- WIN is the replacement for Florida STORET
 - Data providers will upload to WIN instead
 - Old data in Florida STORET will still be accessible
- WIN will be open for uploads in **spring 2017**
 - New data can still be uploaded to Florida STORET through **December 2017**
 - After that, all data will need to come to WIN
- WIN data must meet minimum quality standards
 - Providers should be making necessary changes now
 - Contact your WIN coordinator for assistance





WIN Contacts

- More information at [http://publicfiles.dep.state.fl.us/DEAR/storet/WIN Communication](http://publicfiles.dep.state.fl.us/DEAR/storet/WINCommunication)
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