



*Florida Department of
Environmental Protection*

Florida's TMDL Program and the TMDL Development Process

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Summary of Presentation

- **Purpose of Meeting**
- **TMDL Overview and 303(d) Requirements**
- **Florida's TMDL Legislation**
 - ❖ **Administrative Requirements**
- **Comments Requested By August 13th!**





Water Quality Process Overview

Develop & Adopt Water Quality Standards to protect Florida waters



Use WQS to assess Florida waters & determine if meeting Designated Uses



If determined impaired, develop Total Maximum Daily Load (target to restore water)



Develop & implement Basin Management Action Plan to implement restoration





303(d) Listing Requirements

- **Section 303(d) of the Federal CWA requires states to:**
 - **submit lists of waters that do not meet applicable water quality standards (designated uses) (“impaired waters”),**
 - **identify pollutant causing or expected to cause impairment**
 - **establish/implement TMDLs for these waters on a prioritized schedule**
- new list and schedule required every 2 years**





What Does TMDL Stand For?

Total

Maximum

Daily

Load

- Establishes maximum amount of a pollutant that a water body can assimilate without causing exceedances of water quality standards (water quality criteria & designated uses)





TMDL Process: Overall Objective

- Identify and quantify all point and nonpoint source (NPS) loadings to a water to determine the assimilative capacity of that waterbody for each pollutant impairing water quality
- Use data analysis and sometimes models to estimate and establish assimilative capacity
- TMDL:
 - May include allocations sources, and
 - Includes a Margin of Safety (MOS).





Rulemaking Schedule

- **“Notice of Rule Development” has been noticed (after list adoption by Secretary)**
 - Specified waters/parameters for which TMDLs will be developed
 - E-mails were sent to interested parties list, and noticed on DEP website under “Official Notices”
 - <http://sharepoint.dep.state.fl.us/PublicNotices/default.aspx>
 - Can register for the notices on DEP website, or sign up today for our notices





Implementation Steps

- Once a TMDL is Adopted the Department is authorized to adopt a BMAP.
- The Department has decided that a BMAP is necessary for Silver Springs
- BMAPs include projects, initiatives, and activities aimed at water quality restoration.
 - Can include recognition of previous or on-going activities to provide credit toward achieving the goal.

