

Powerpoint presented by J. Gihring,
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BMAP Kickoff Meeting

Total Maximum Daily Load (TMDL) Program

Purpose: Identify scientifically-based quantitative goals for restoration of waterbodies that do not meet Florida's water quality standards, and implement a plan to achieve those goals.

Local information and stakeholder involvement is the foundation of success

What is a TMDL?

Formal definition: A TMDL identifies the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.

Informal definition: A TMDL establishes numeric water quality goals to restore the health of a lake, river, stream, spring, or estuary.

TMDL Development

**Specific to a waterbody and a pollutant
(e.g. total phosphorus in the C23 Canal)**

Steps

- Determine “assimilative capacity”
(i.e. water quality restoration target)
- Specify current conditions
- Calculate pollutant reductions needed to meet the target

BMAP Basics

Identifies actions needed to achieve the TMDL and who is responsible for implementing those actions.

- Guided by provisions of Section 403.067(7) F.S.
- Developed collaboratively with stakeholders.
- Integrates the best available scientific information.
- Includes completed and new projects.
- Involves critical evaluations, studies, and research.
- Adaptive management.
- Provides equity among stakeholders & sources.

BMAP Basics, Cont.

Adopted by FDEP Secretarial Order

Will seek statements of commitment from stakeholders

NPDES Point Source (e.g. WWTPs)	Permit	Effluent Limit
MS4	Permit	Specific Projects to be Implemented
Agriculture	BMAP	BMP Implementation or Monitoring
Other Nonpoint Sources	BMAP	Specific Projects to be Implemented

BMAP Components

- **Specific water quality restoration goals**
- **Refined source identification**
- **Allocations to responsible entities**
- **Projects** (local/regional, structural/nonstructural, permitted/not permitted, etc.)
- **Evaluation of future growth impacts**
- **Monitoring** (water quality & projects)
- **Commitments: funding & timelines**

