

TMDL Development in the Wekiva Study Area An Update

Christianne C. Ferraro, P.E.
Water Resource Administrator
FDEP Central District
January 12, 2007



Wekiva Parkway and Protection Act

- Section 369.318(8) Florida Statutes required that FDEP adopt Total Maximum Daily Loads (TMDLs) for impaired waters in the Wekiva Study Area (WSA) by December 1, 2006.



TMDL Development in the WSA

- First Step - Secretarial Order for Revisions to Verified Impaired Waters List
- Add Rock Springs Run and the Wekiva River based on “other” information indicating an imbalance due to nutrients (SJRWMD PLRGs)
- Remove several lakes due to data issues
- Secretarial Order will be coming out—then 3 week public notice period



TMDL Development in the WSA

■ Several lakes will be removed from the verified list due to concerns about data.

- Starke Lake
- Prairie Lake
- Lake Primavista
- Lake Lotta
- Island Lake



TMDL Development in the WSA

- **Rock Springs Run and the Wekiva River -**
FDEP plans to use the Pollutant Load Reduction Goals (PLRGs) that were developed by the SJRWMD as the primary basis for the TMDL, with some minor revisions.
- **Little Wekiva River -**
TMDL being developed for Nutrients, Biochemical Oxygen Demand and Fecal Coliform Bacteria.
- **Little Wekiva Canal -**
TMDL being developed for Nutrients, Biochemical Oxygen Demand (BOD), and Fecal Coliform Bacteria.



TMDL Development in the WSA

■ Lake Nutrient TMDLs under development in the WSA:

- Spring Lake
- Bay Lake
- Silver Lake
- Lake Lawne
- Lake Florida
- Lake Orienta
- Lake Adelaide



TMDL Development in the WSA

- ❏ **Public workshops will be held on all draft TMDLs.**
- ❏ **After Order revising list has run its notice period – 21 days, FDEP will issue notice for public workshops for Wekiva and Rock Springs Run.**
- ❏ **Timeframe for workshops is February for the Wekiva River and Rock Springs Run, and March/April for the other TMDLs.**

