

Load Reduction Assessment Water Year 2004

TOC Meeting

November 30, 2004

Background

- TOC adopted a methodology for assessing compliance with load reduction goals of Settlement Agreement
- Uses concentration as surrogate for loads
- Complete data sets presented in South Florida Environmental Report

Phosphorus to WCAs

May 2003 – April 2004

- All surface inflows
 - Total flow = 1,791,000 acre feet
 - Total load = 108,600 kg
 - Total concentration = 49 ppb

- STAs 1W, 2, 3/4, 6 plus diversions
 - Flow = 1,076,000 acre feet
 - Load = 50,300 kg
 - Concentration = 38 ppb

Phosphorus to Refuge

May 2003 – April 2004

- All surface inflows
 - Flow = 335,000 acre feet
 - Phosphorus load = 22,282 kg
 - Phosphorus concentration = 54 ppb
- STA-1W plus diversions:
 - Flow = 315,000 acre feet
 - Phosphorus load = 20,165 kg
 - Phosphorus concentration = 52 ppb