

# Load Assessment Water Year 2005

TOC Meeting  
December 1, 2005

# Background

- TOC adopted a methodology for assessing achievement with load reduction goals of Settlement Agreement
- Uses concentration as surrogate for loads
- Complete data sets presented in South Florida Environmental Report, 9/1/2005

# Phosphorus to WCAs WY2004 and WY2005

## All Surface Inflows

	WY2004 (May 2003 – April 2004)	WY2005 (May 2004 – April 2005)
Total Flow (acre-feet)	1,791,000	2,081,000
Total Load (kg)	108,600	145,200
Total Concentration (ppb)	49	57

## STAs 1W, 2, 3/ 4, 6 plus Diversions

	WY2004 (May 2003 – April 2004)	WY2005 (May 2004 – April 2005)
Total Flow (acre-feet)	1,076,000	1,657,800
Total Load (kg)	50,300	109,300
Total Concentration (ppb)	38	53

# Phosphorus to Refuge WY2004 and WY2005

## All Surface Inflows

	WY2004 (May 2003 – April 2004)	WY2005 (May 2004 – April 2005)
Total Flow (acre-feet)	335,000	492,000
Total Load (kg)	22,282	86,091
Total Concentration (ppb)	54	142

## STA-1W plus Diversions

	WY2004 (May 2003 – April 2004)	WY2005 (May 2004 – April 2005)
Total Flow (acre-feet)	315,000	468,350
Total Load (kg)	20,165	81,122
Total Concentration (ppb)	52	140