



Historic Perspective *STA Performance*

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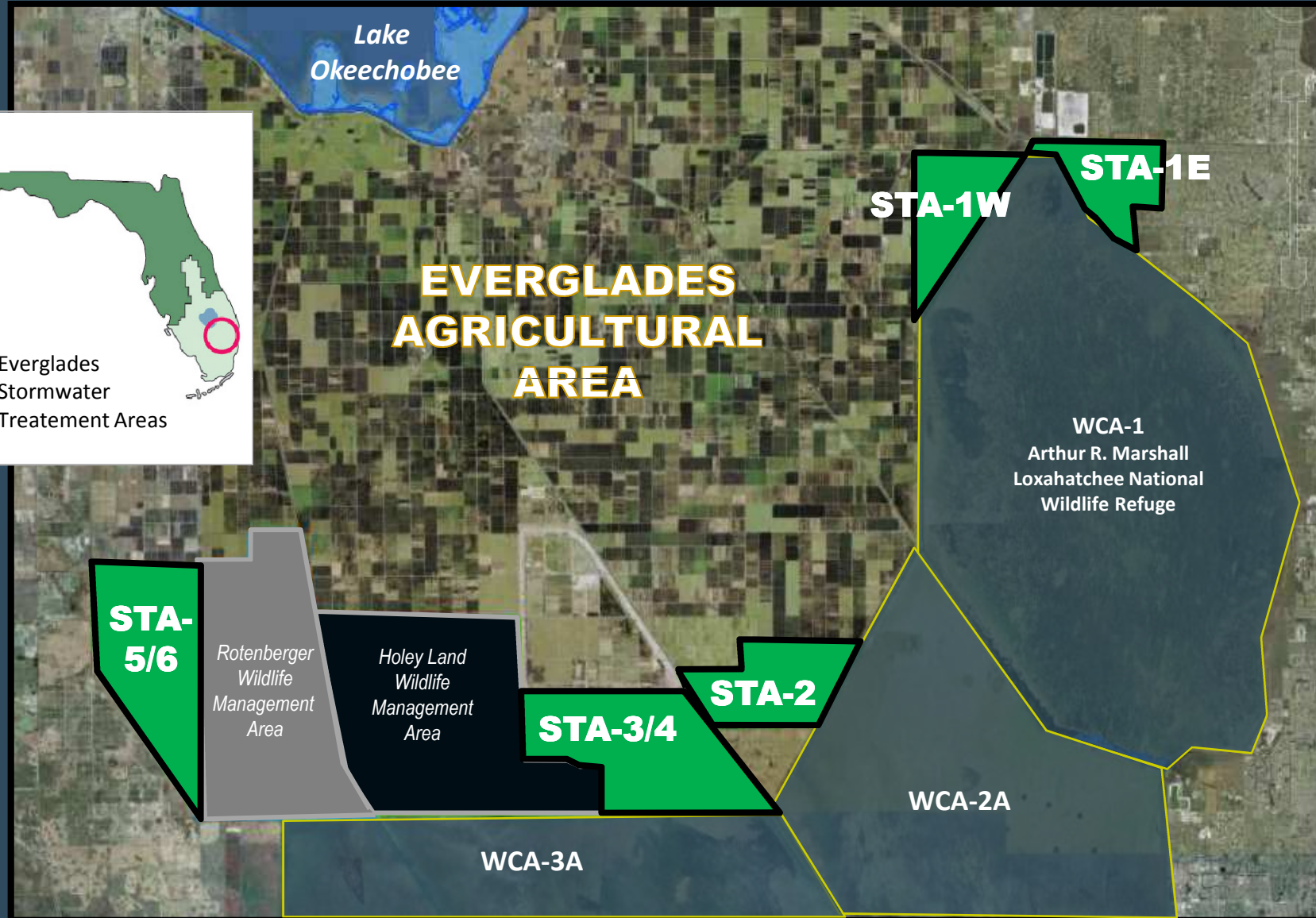
Quarterly Communications
Meeting on the Long-Term Plan
for Achieving Water Quality Goals
for Everglades Protection Area
Tributary Basins

August 22, 2012




sfwmd.gov

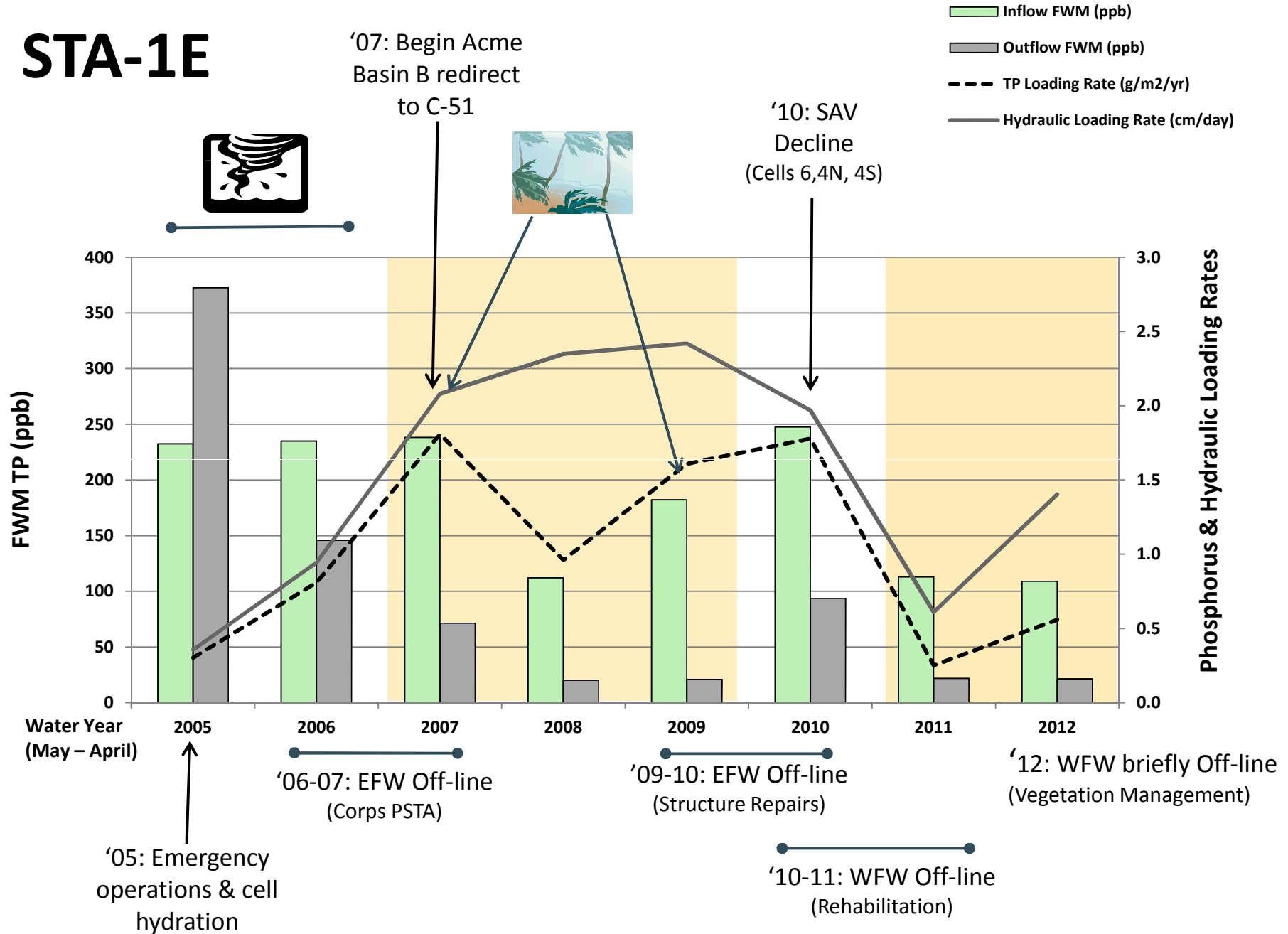
STA Location Map



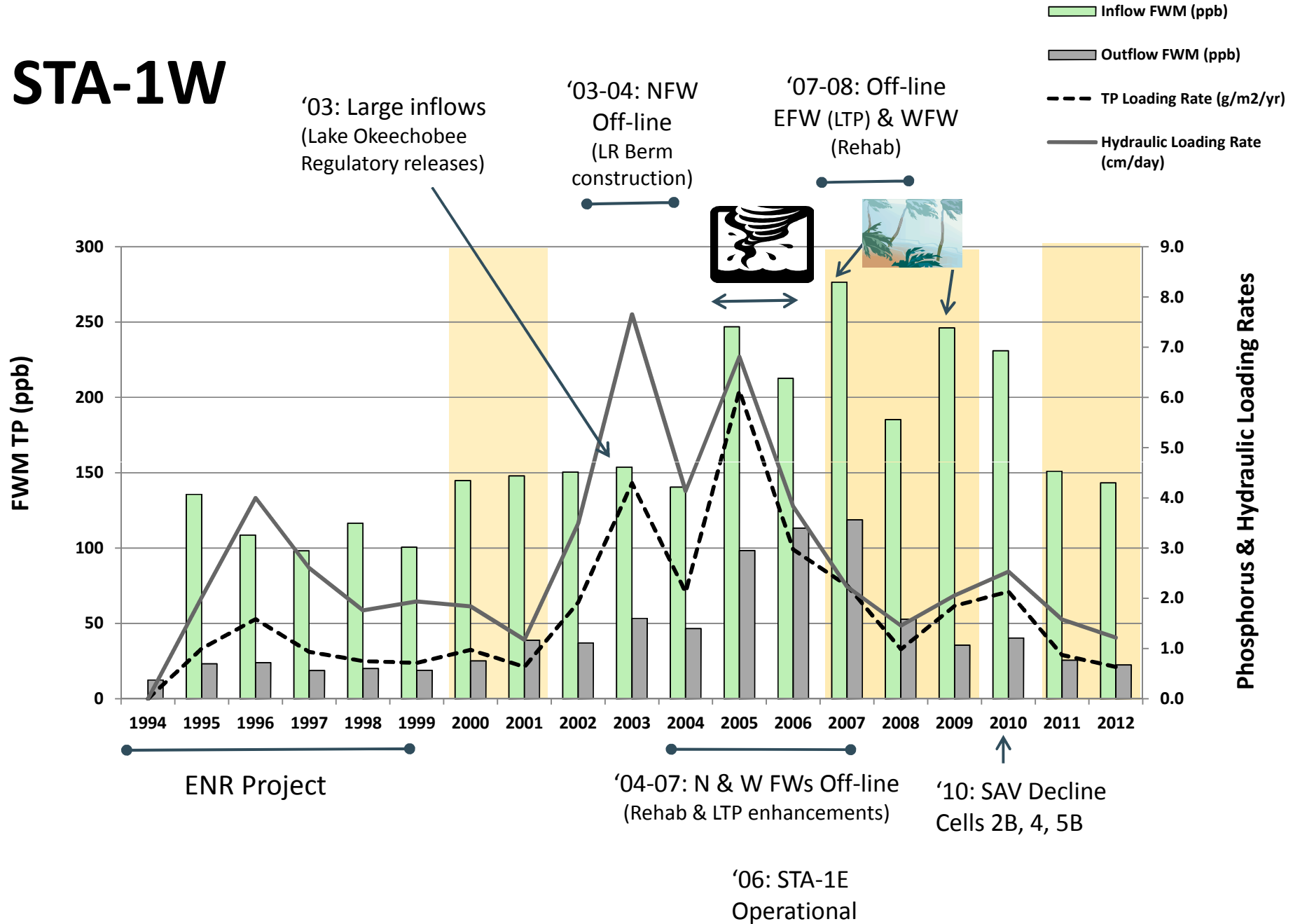
Influencing Weather Conditions

Extreme Weather Condition	Designation Symbol	Dates
Hurricane		WY2005 (Hurricanes Frances & Jeanne), WY2006 (Hurricane Wilma)
Tropical Storm		WY2007 (TS Ernesto), WY2009 (TS Fay)
Regional Drought		WY2000, WY2001, WY2007, WY2008, WY2009, WY2011, WY2012

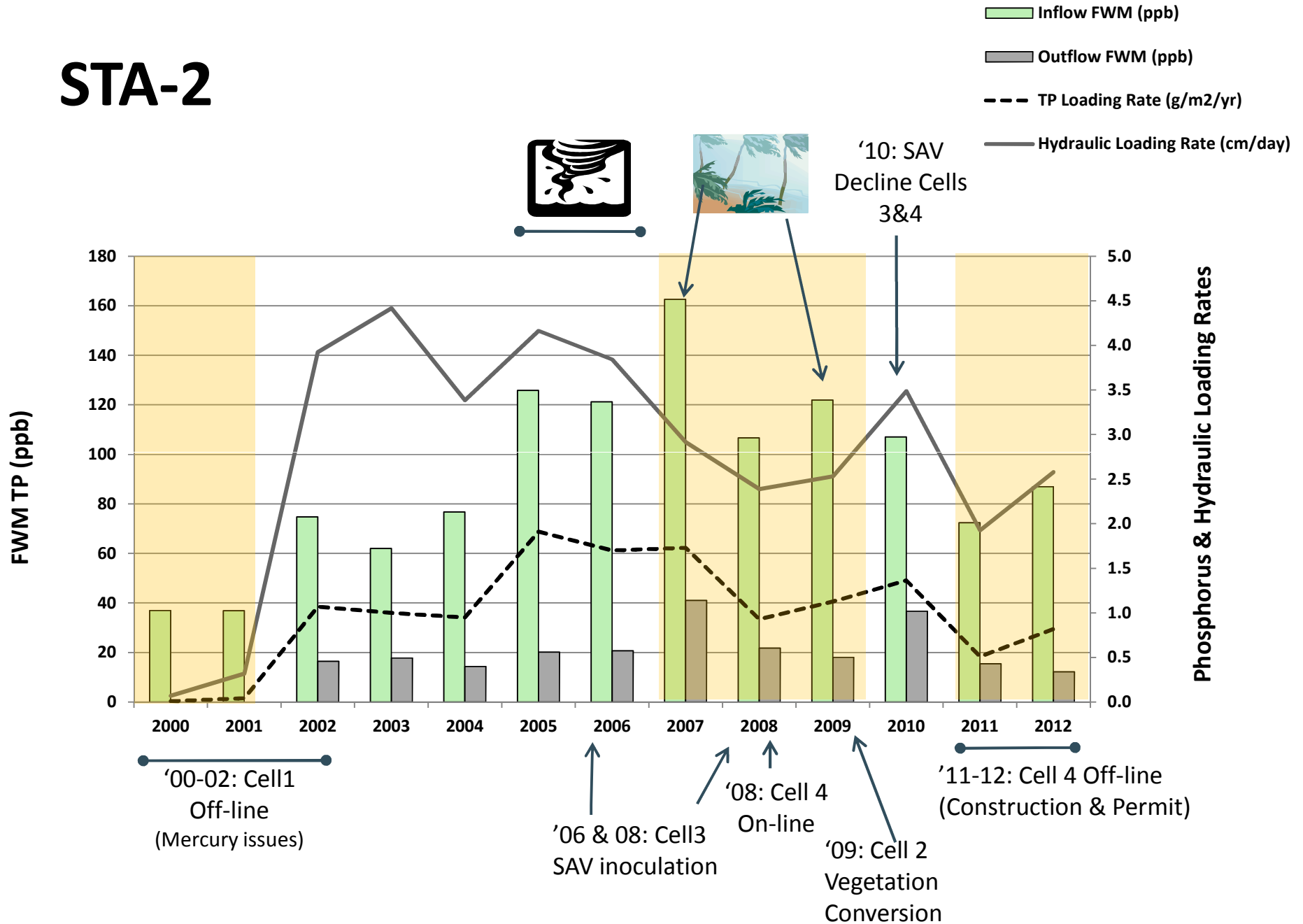
STA-1E



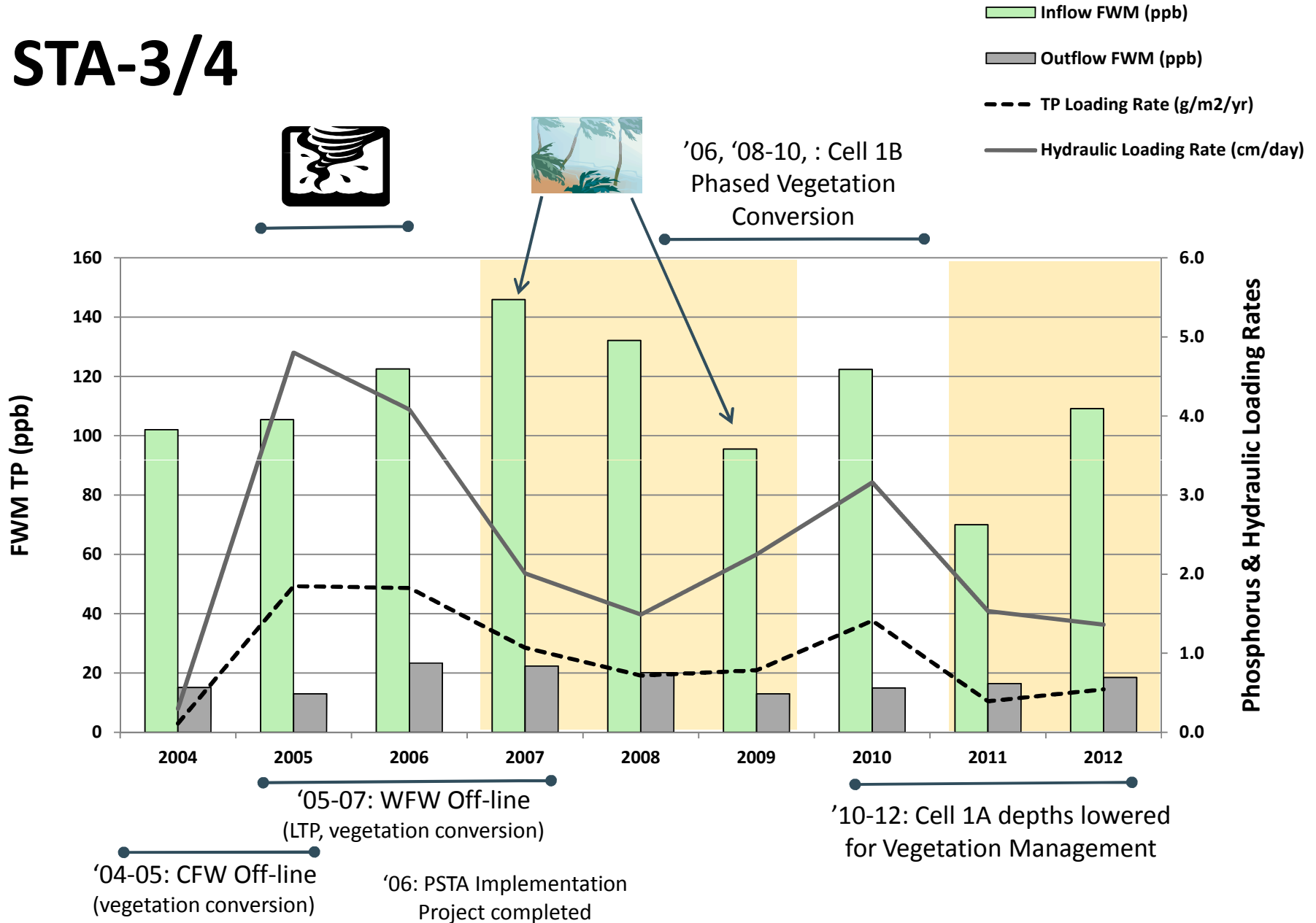
STA-1W



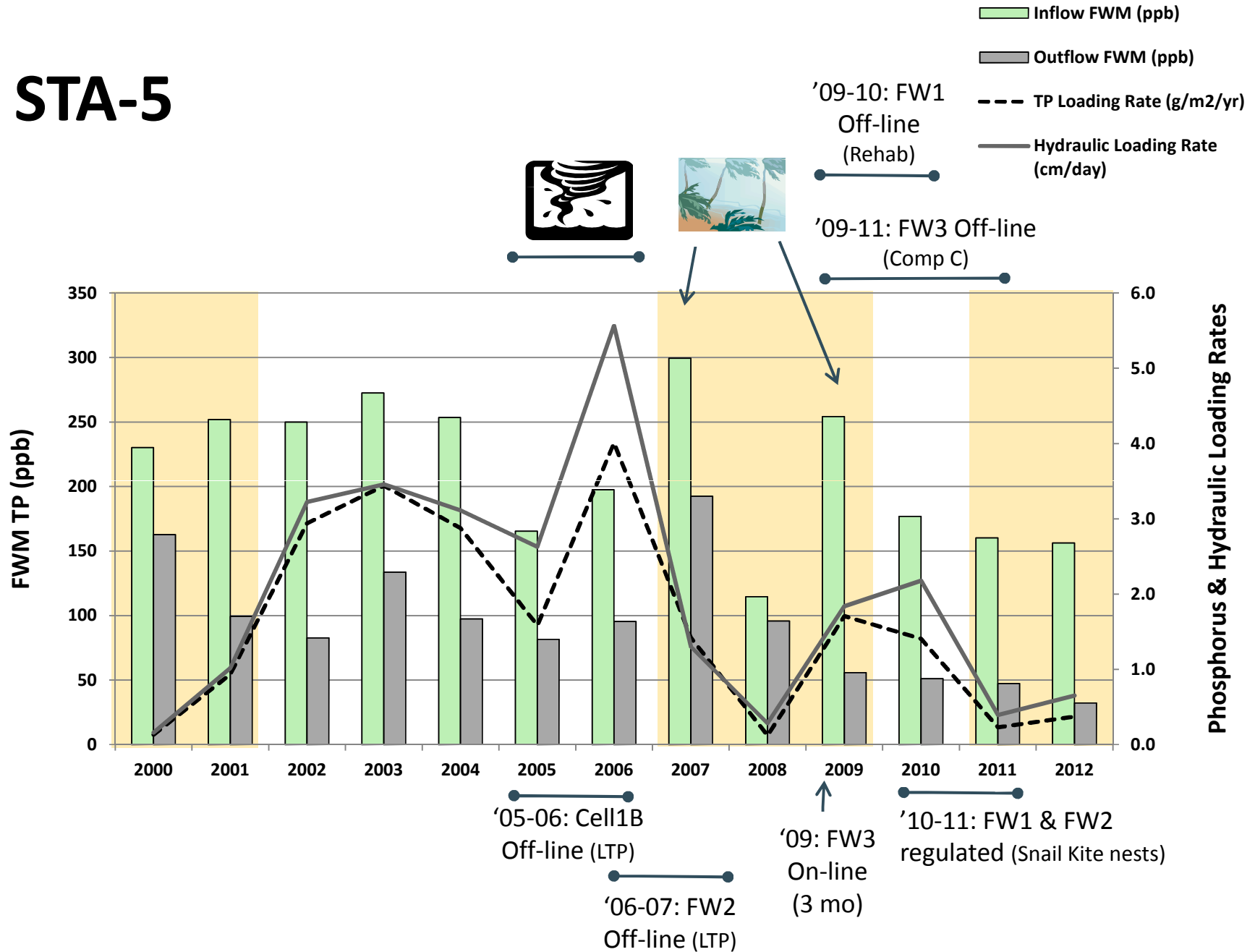
STA-2



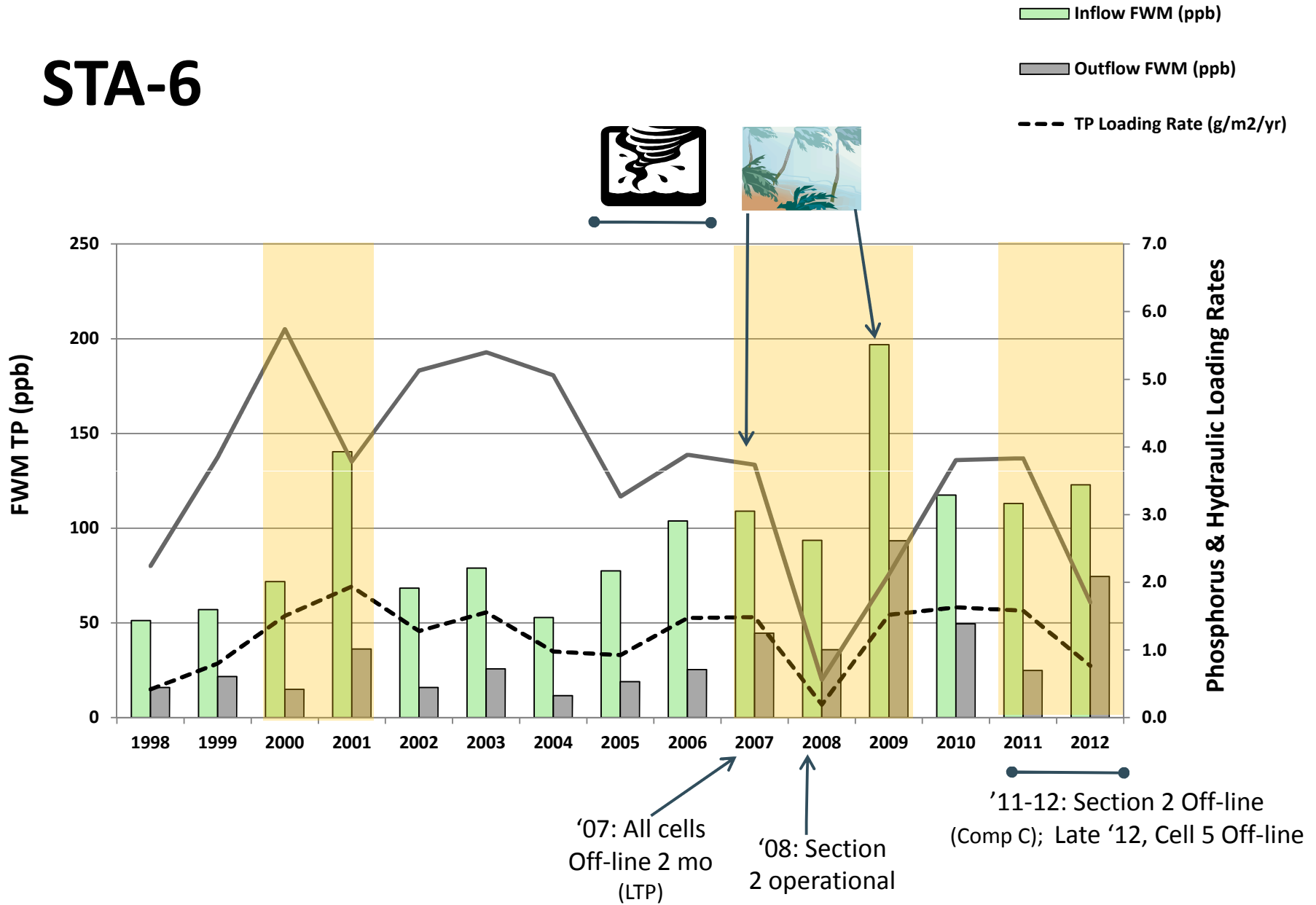
STA-3/4



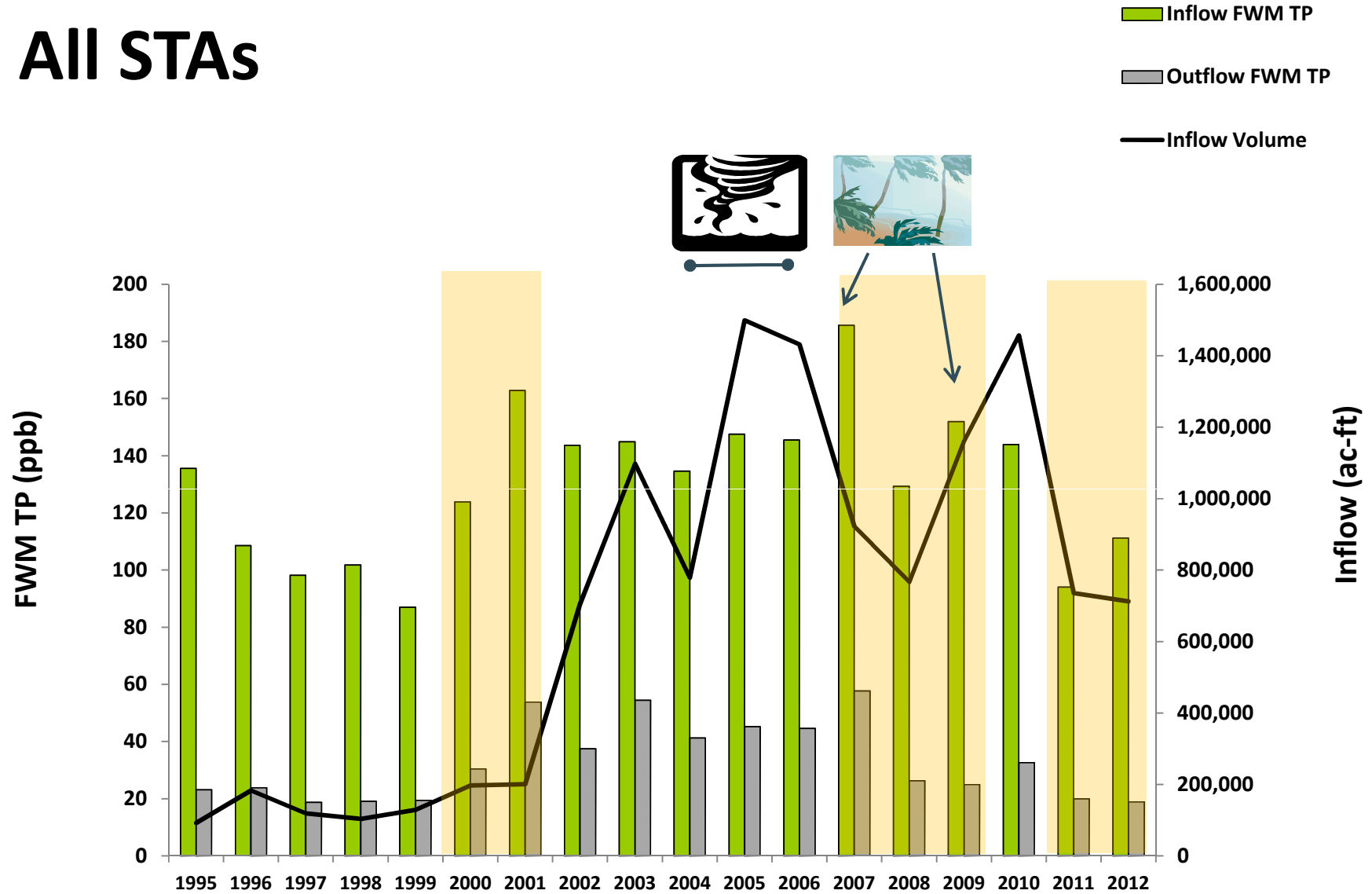
STA-5



STA-6



All STAs



Water Years 1995 - 2012

Lessons Learned

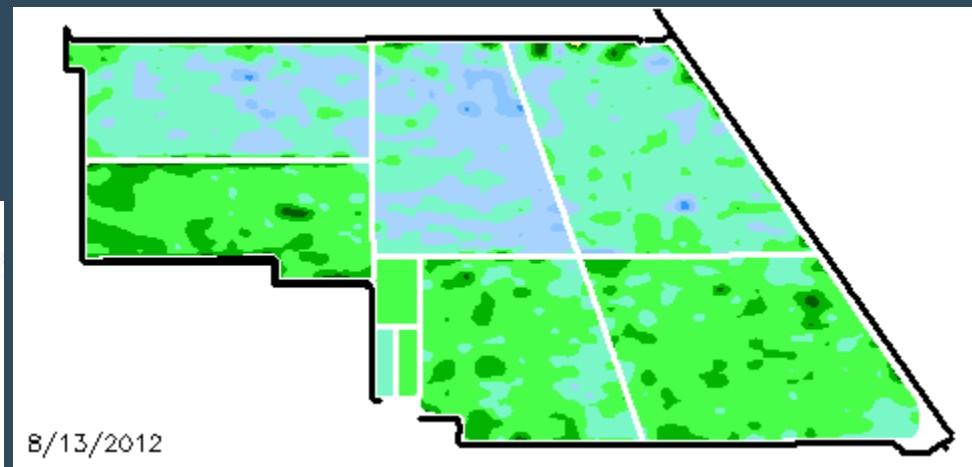
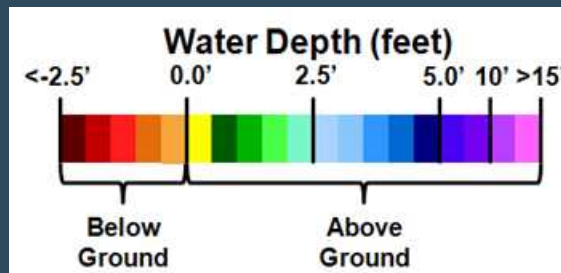
- Create vegetation strips to protect SAV
- Implement Drought Contingency Plan
- Manage Vegetation plantings/inoculations & exotic vegetation control
- Alleviate hydraulic short-circuiting
 - Plugs
 - Grading
 - Planting



Vegetation strip planted with bulrush in STA-1W

Lessons Learned (Continued)

- Develop diagnostic tools & Operation approaches
 - Create cross-functional teams
 - Utilize weekly/monthly/annual loading dashboard sheets
 - Prioritize inflows based on vegetation & loading rates
 - Develop Water Depth Application Tool (WDAT)



QUESTIONS?

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