

# State Board Workshop

Presentation By

Richard Boon, County of Orange

Todd Snyder, County of San Diego

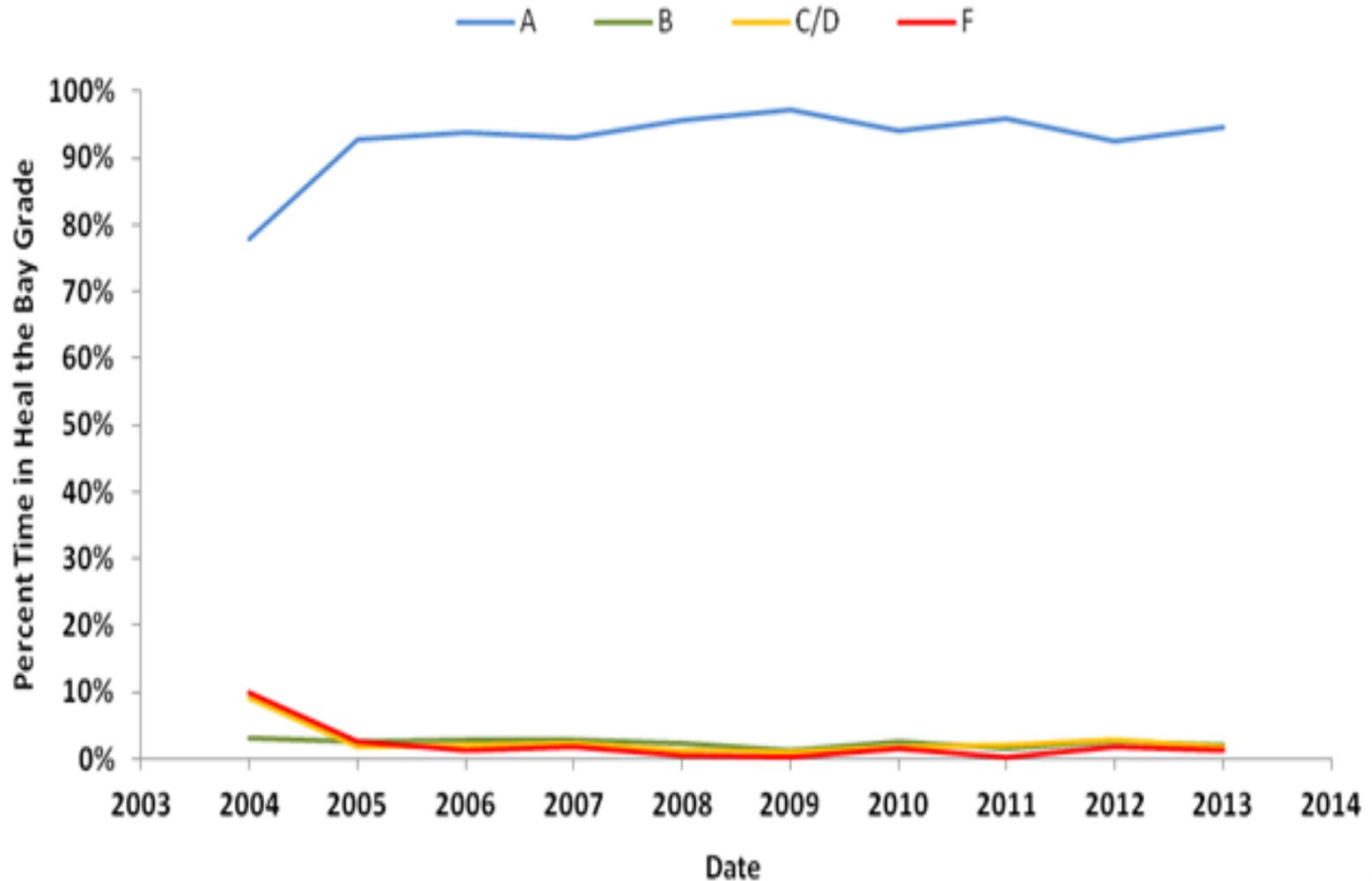
Jason Uhley, PE, Riverside County FC&WCD

# Fecal Indicator Bacteria

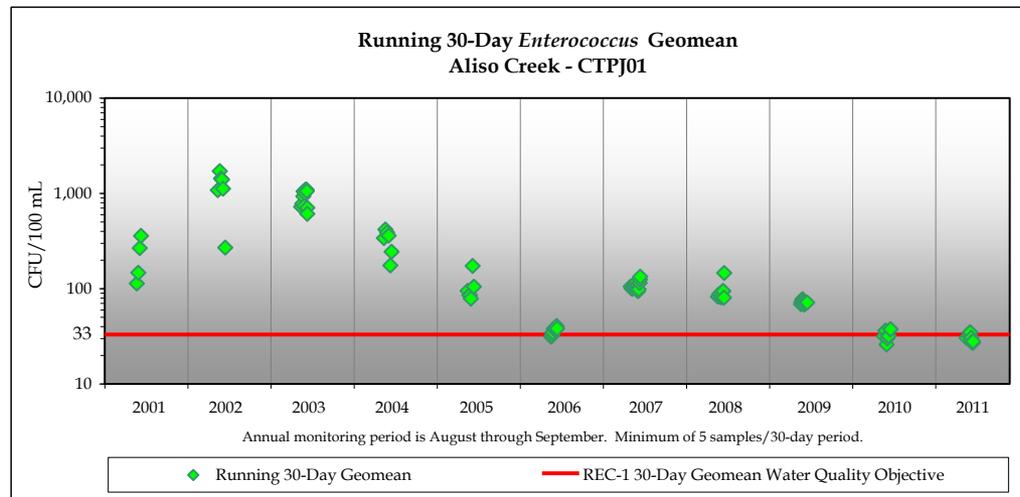
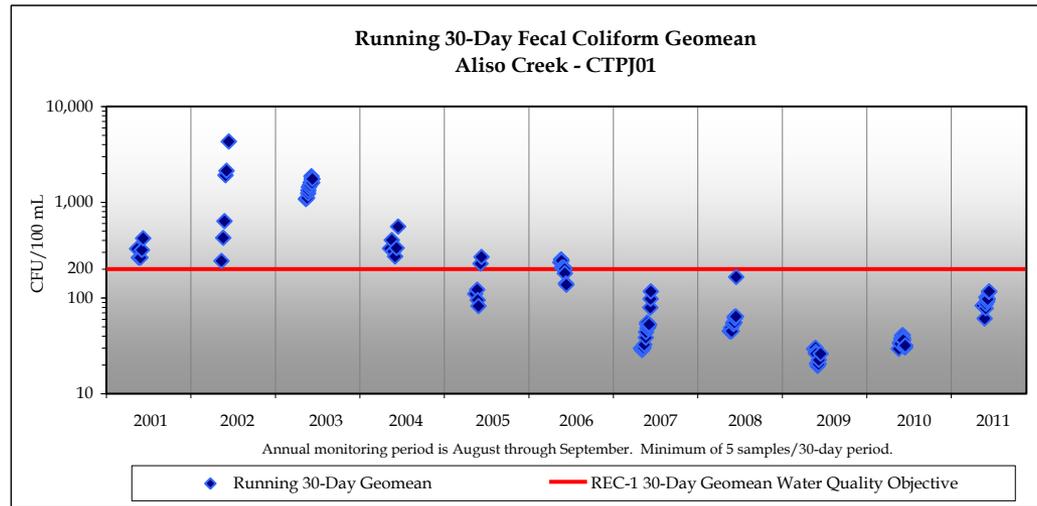
*In wine there is wisdom,  
In beer there is freedom,  
In water there is bacteria.*

John Adams, 1770

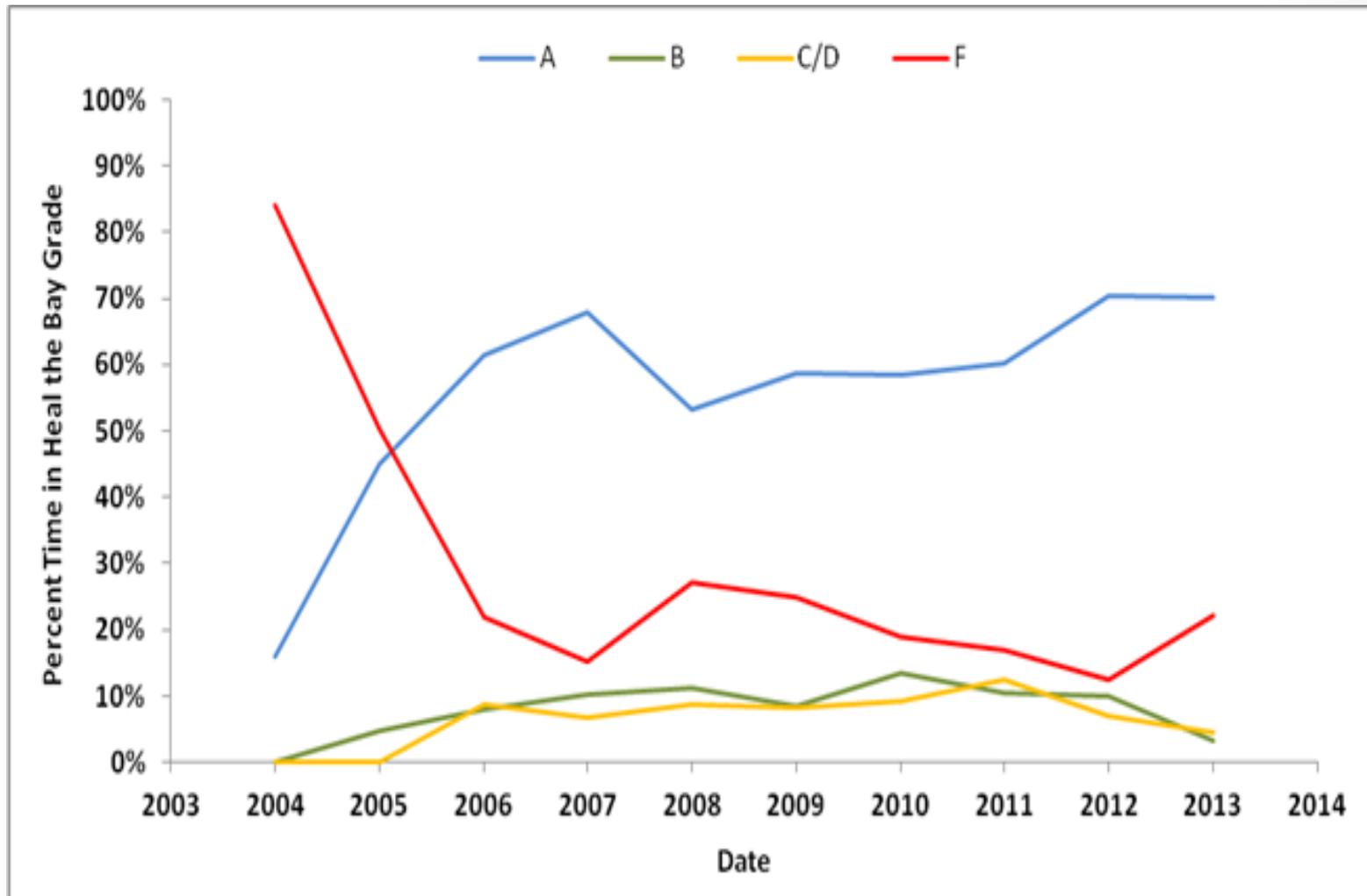
# FIB: Report Card Grades



# FIB: Dry Weather – Aliso Creek

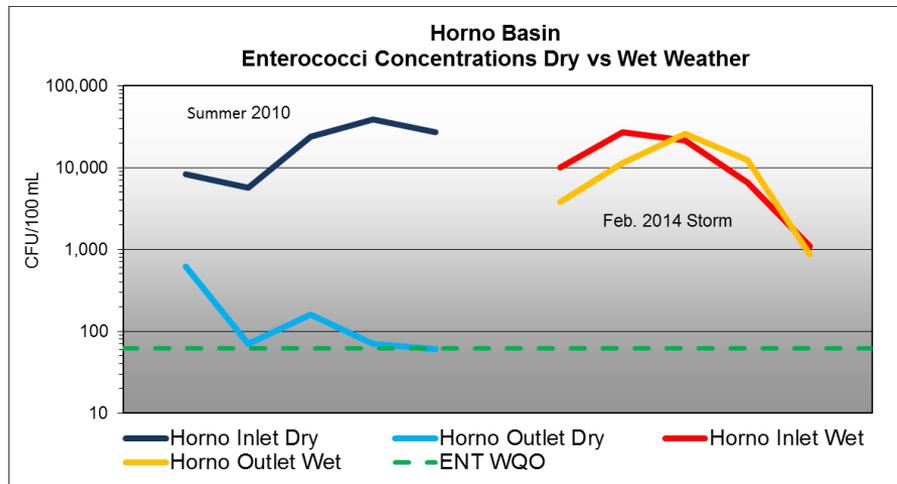


# FIB: Wet Weather Challenges



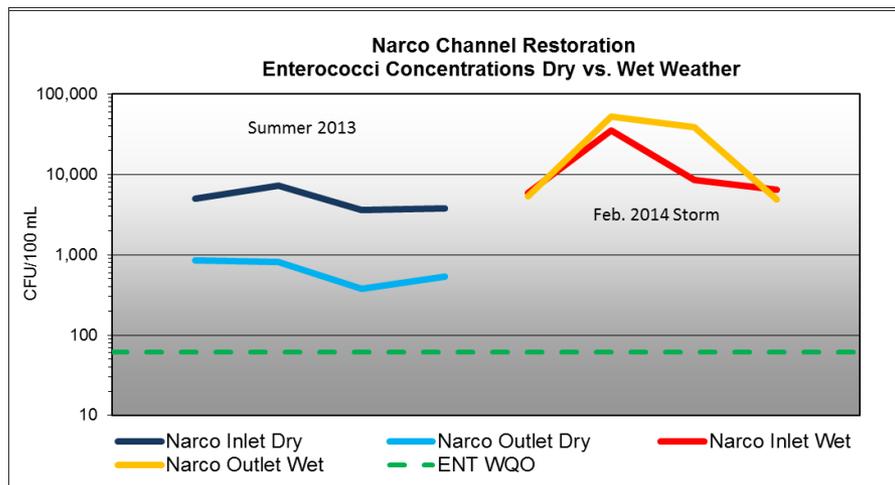
# FIB: BMP Effectiveness Study

## → BMP Effectiveness - Enterococci

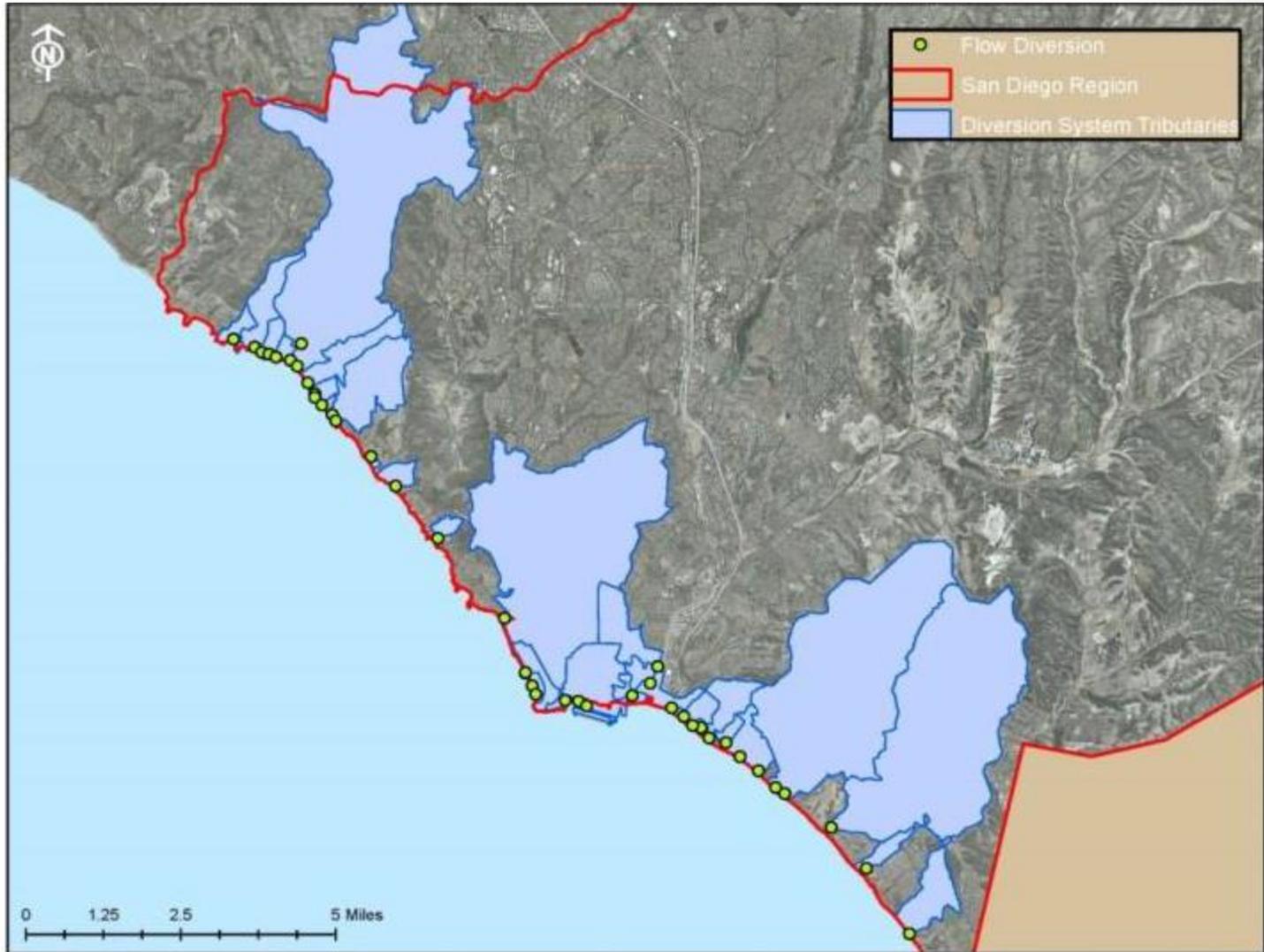


# FIB: BMP Effectiveness Study

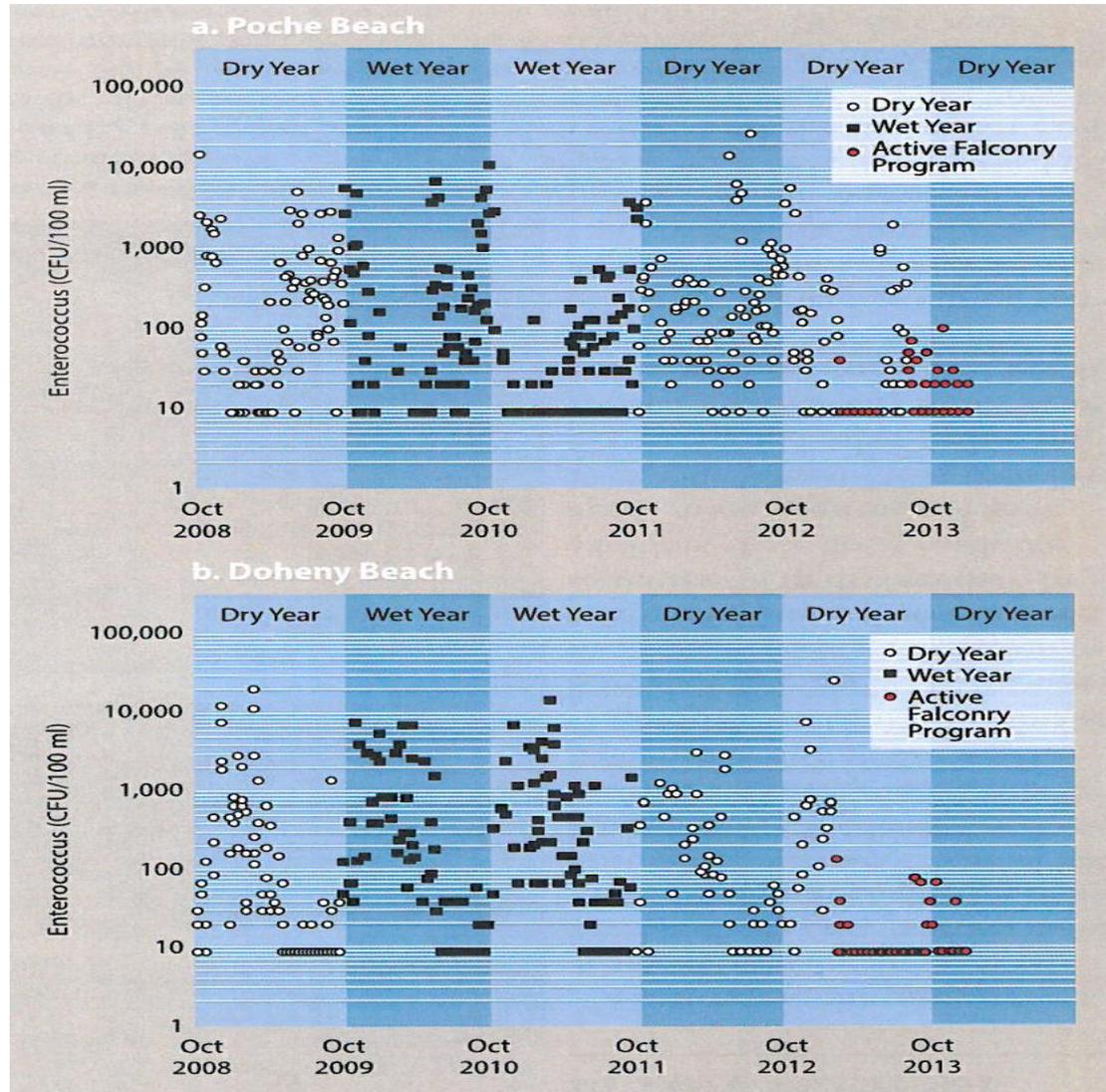
## → BMP Effectiveness - Enterococci



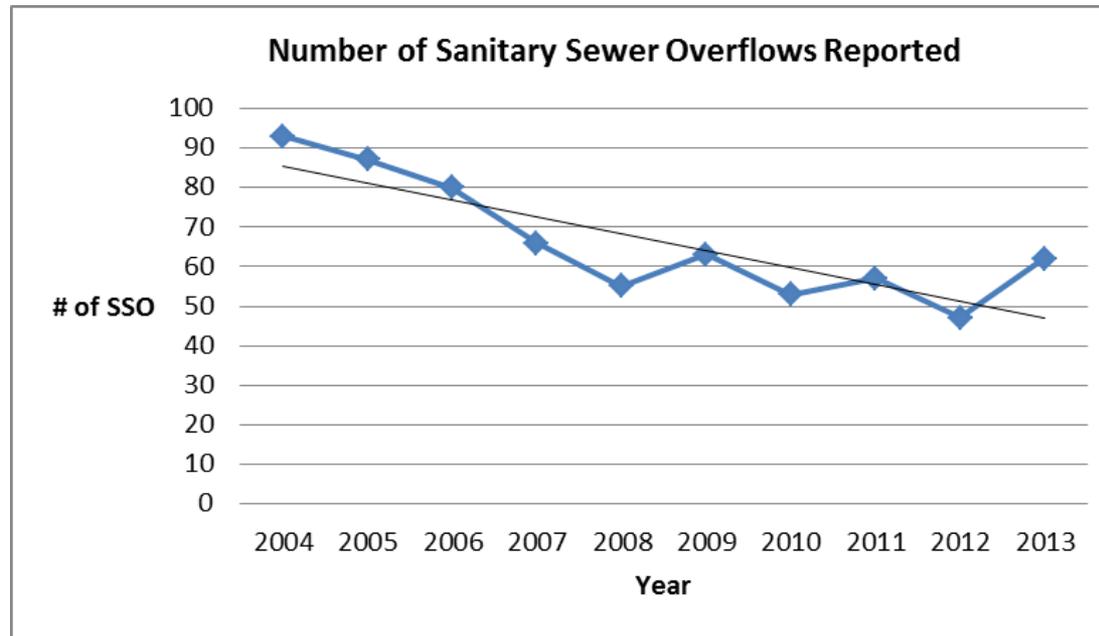
# FIB: Dry Weather Diversions



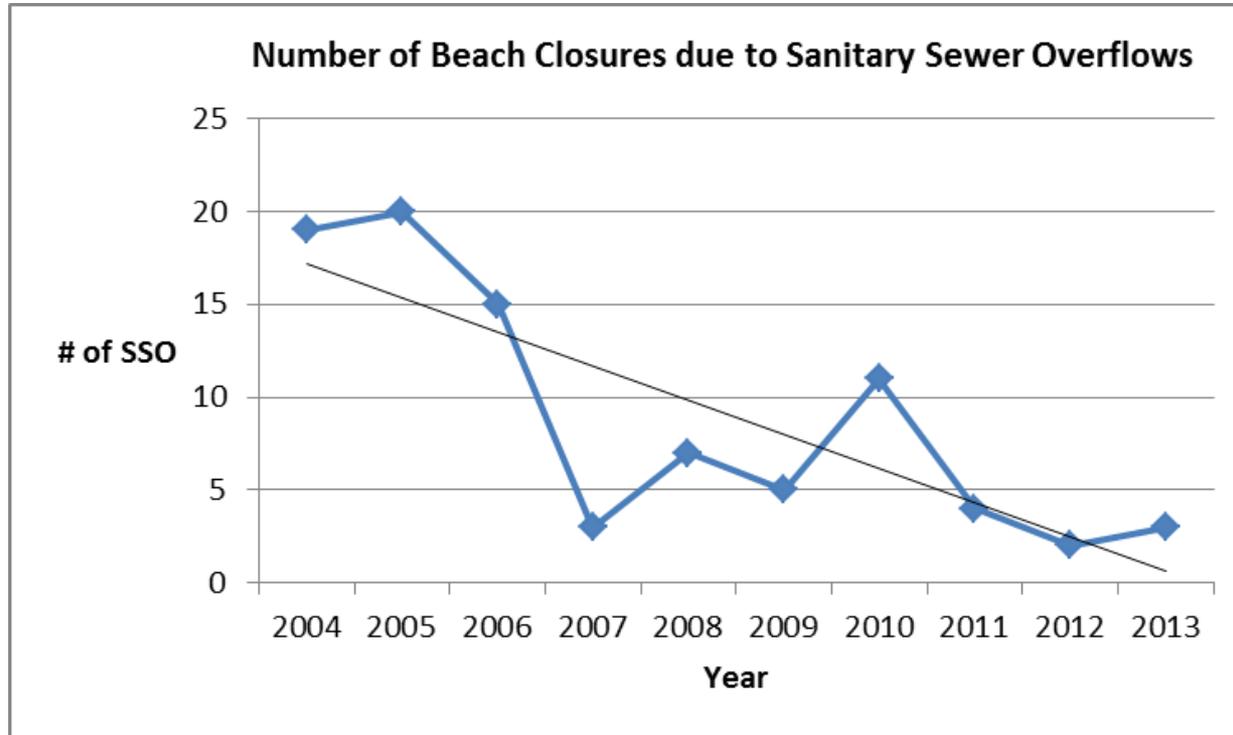
# FIB: Wildlife Control



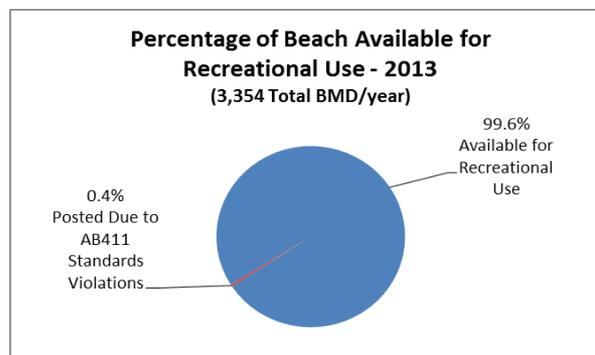
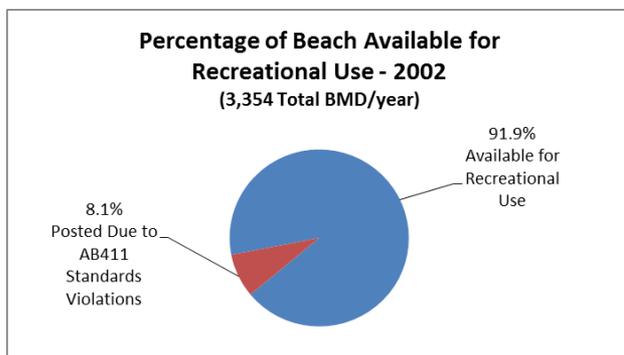
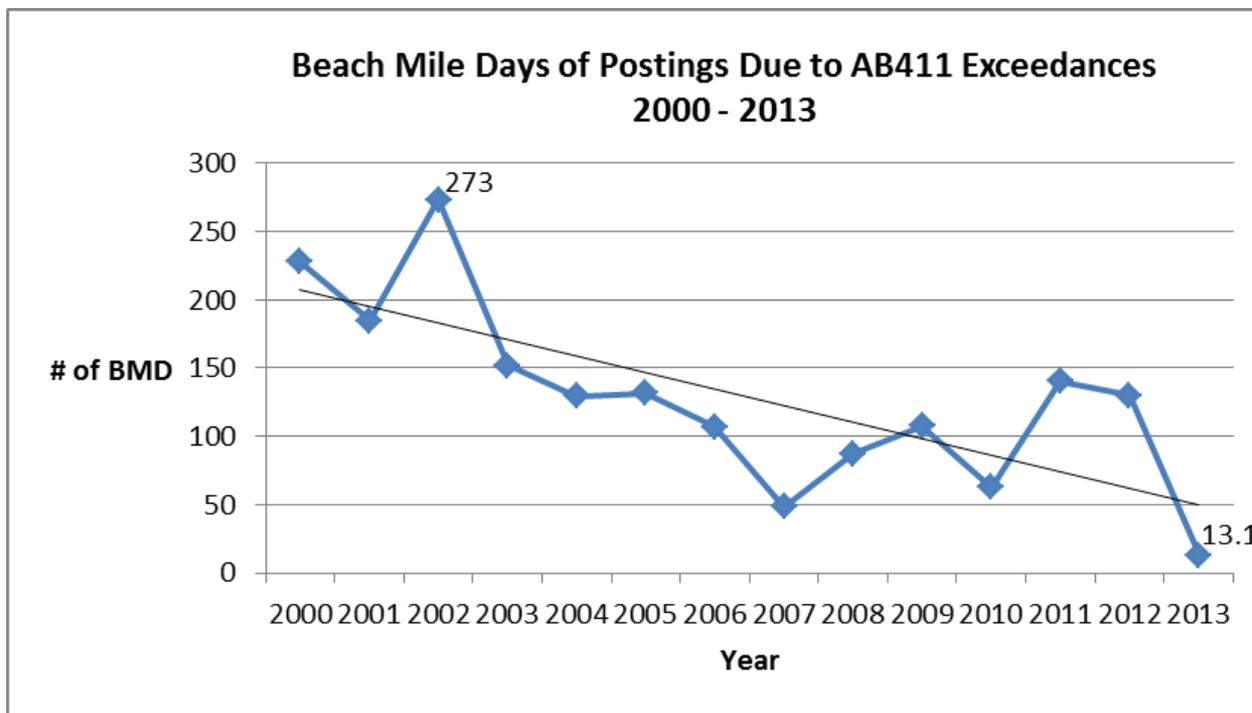
# FIB: Sanitary Sewer Overflow Reduction



# Bacteria: Beach Closures



# Bacteria: Beach Advisories



# FIB: Summary

- BMPs and overall flow reductions resulting in significant reductions in dry weather
- Successful dry weather bacteria BMPs appear ineffective in providing meaningful wet weather reductions
- Overall reduction in the number of sewage spills correlates with lower number of beach closures and increased recreational water use. (Countywide Area Spill Control Program – CASC)
- Decrease in the total number of beach mile days posted due to AB411 standards violations has increased beneficial use. Example: Doheny