

RMP S&T Sediment Monitoring

- TRC recommendation:
Alternate between dry and wet seasons
 - 27 sites in winter; 47 summer
 - Chemistry, toxicity, and benthos at 27 sites
- Today need approval from TRC on modification to statistical design

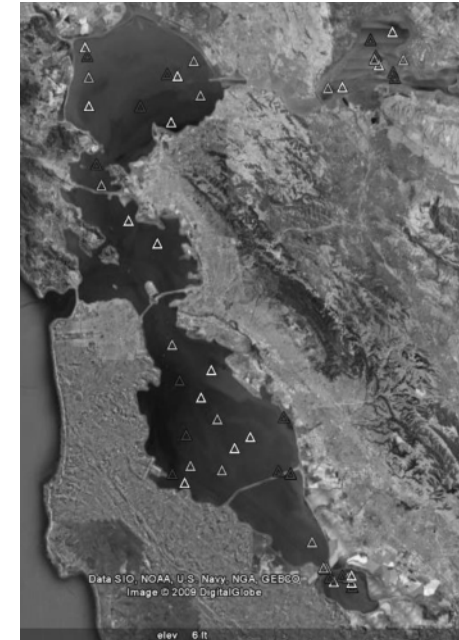
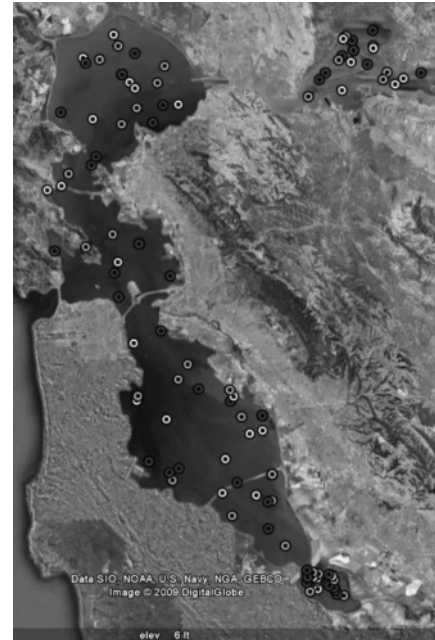
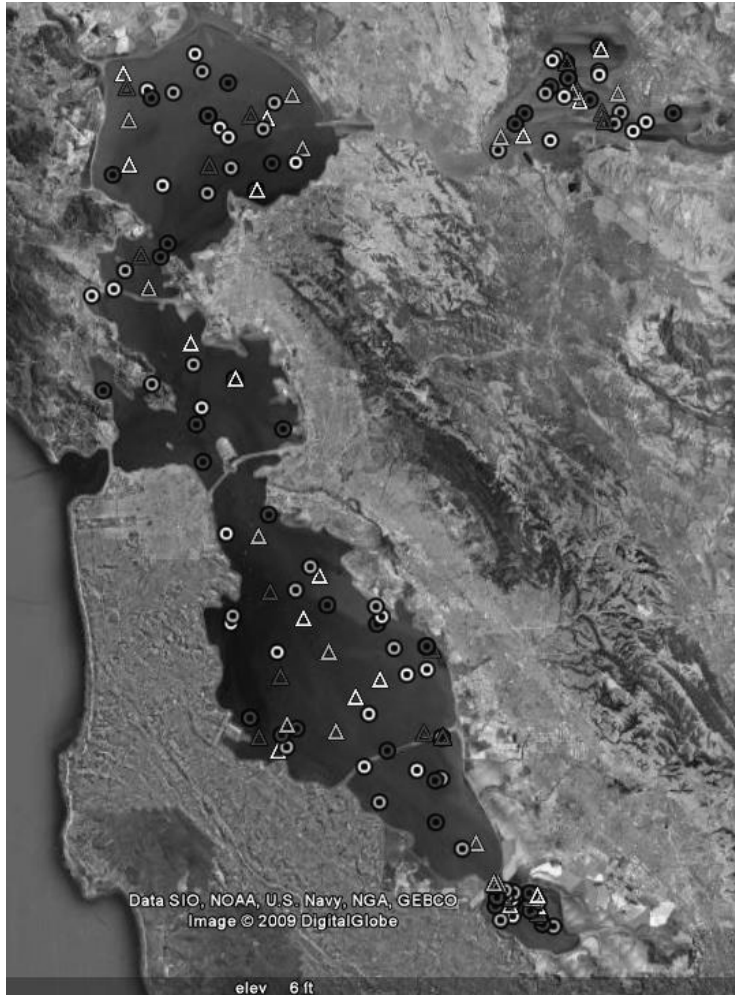
Design Change

New alternating annual sampling design employs a 6-yr revisit period



New Sediment Sampling Stations 2009 – 2014 (3 events for each season)

triangle = wet ; circle = dry



Dry {
2009
2011
2013
n= 40/yr
8 per region

Wet {
2010
2012
2014
n= 20/yr
4 per region

Revisit stations have the color of the last sampling event (red).

S&T Sediment Cruise September 2009

- ◆ 47 sites
- ◆ TRIAD measures and pyrethroids (same as 2008: n=27)
- ◆ Side-by-side toxicity tests using freshwater and estuarine test species in the Rivers and Suisun regions.
- ◆ New vessel – Questuary
- ◆ Sampling in mid-September

New Sediment Sampling Stations

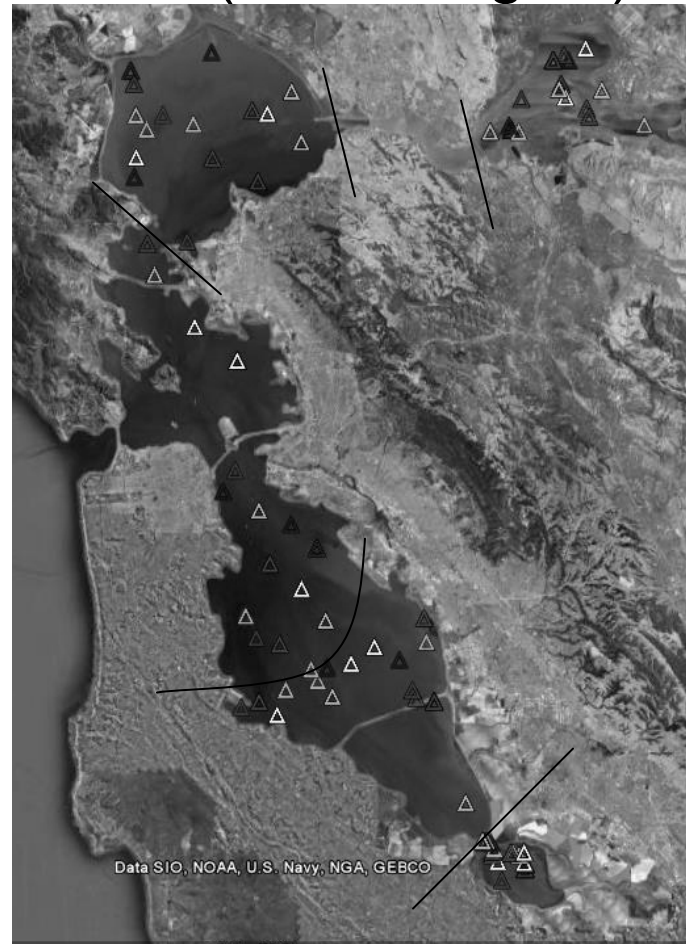
2009 – 2020

(6 sampling events for each season)

Dry (n = 48/region)



Wet (n = 24/region)



Revisit stations have the color of the last sampling period (red).