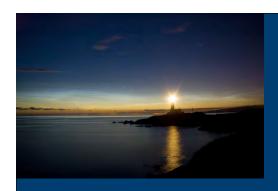
## Developing Special Studies for 2010

San Francisco Estuary Institute

**Emerging Contaminant Workgroup Meeting** 





### **Emerging Contaminant**Priority Question

 What emerging contaminants have the greatest potential to adversely impact beneficial uses in the Bay?





### Five-year Budget

			Dollar Amounts Per Year (\$K)						
Element	Description	Funder/ Program	2008	2009	2010	2011	2012	2013	MQs Addressed
Status & Trends Annual RMP Monitoring	Measuring pyrethroids in sediment	RMP							
Perfluorinated compounds in seals	Measuring PFOS in harbor seal blood	RMP PS/SS	\$35						
Alternative Flame Retardants	Measuring alternative flame retardants in biota, sludge, and sediment	RMP PS/SS	\$48		<b>\$</b> 75				
Sources of PFCs	Measuring PFCs in biota, tributaries, effluent and water	RMP PS/SS		\$52					
Contaminants of Concern - Wastewater White Paper				\$30					
Bioassay study? New pesticides?									

#### 2010 Study Ideas

- New pesticides
  - Irgarol, Malathion, Carbaryl, Fipronil, Pentachlorophenol?
- Siloxanes?
- Study on Estrogenicity?



# Potential Pilot Studies for 2010: Mass Balance of Alternative BFRs or Triclosan in WWTPs

Influent, effluent, biosolids (pre- and post- treatment)

What are the microbial degradation products?

Secondary and tertiary treatment

What it would tell us: loading to and from WWTPs, % removal, degradation potential, effect of different treatment types

