

**SF Bay Technical Advisory Team (TAT)**  
**Meeting 1: December 2<sup>nd</sup> 2010**  
**Key review questions**

***NNE Conceptual Approach***

Q1. Do you understand the SWRCB conceptual approach to establishing nutrient objectives? Is it explained sufficiently in the literature review? What are the technical challenges to use this approach to develop nutrient objectives for San Francisco Bay Estuary?

***Geographic Scope***

Q2. What are the appropriate geographic boundaries for nutrient objective development in the Bay-Delta? Is it technically appropriate to assess eutrophication within the Bay separately from the Delta?

***Evaluation Criteria***

Q3. Do you agree with the criteria with which to evaluate candidate indicators?

***Classification***

Q4. How should SF Bay be classified (e.g. North Bay River dominated estuary and South Bay tidal lagoon or is a more complex classification needed)?

Q5. Where would the TAT place the boundaries of each Bay compartment?

***Indicators***

Q6. Is the list of candidate indicators to be evaluated in the review complete?

Q7. Is there key literature that has not been reviewed that should be included?

Q8. Based on the review, what indicators would you recommend including for further consideration to assess eutrophication in SF Bay estuary?

**Meeting 2 Draft Questions**

Q9. Should some indicators only be considered if included in a pair with another indicator?

Q10. Should separate indicators be selected for each estuarine environment (e.g. deepwater, sub-tidal, and inter-tidal) or for each embayment (North Bay, Central Bay, South Bay, Far South Bay)?

a) What are the pros and cons for separate indicators for each compartment of SF Bay?

Q11. Is there a particular environment within each embayment that is likely more sensitive for monitoring changes in water quality?

***Nutrient Loads and Ecosystem Response***

Q12. Do adequate data exist to summarize trends in nutrient loads to SF Bay? Have all sources been identified and major sources quantified?

Q13. Do ecosystem models exist that simulate ecological response to nutrient loads and other co-factors that influence response? If so, what are the response variables and what is the precision and accuracy that these models can achieve? Will they be reliable under conceivable future conditions?

***Synthesis of Data Gaps and Recommendations***

Q14. What are the data gaps that need to be addressed to develop an eutrophication assessment protocol (indicators and thresholds) for SF Bay?