



Published on *Status/Progress Tracking: San Francisco Bay Nutrient Management Strategy*  
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[Home](#) > [Goals & Work Elements](#) > Table: Original GANTT chart, 5-year plan

## Table: Original GANTT chart, 5-year plan

**Table 2. GANTT chart of approximate timing of work elements and tasks associated with 5-yr nutrient plan.**

Task No.	Brief Task Description	Yr1	Yr2	Yr3	Yr4	Yr5
<b>Element 1 Nutrient Program Administration</b>						
1.1	Develop Governance Structure					
1.2	Develop Funding Plan					
1.3	Nutrient Program Management					
<b>Element 2: Define the Problem</b>						
2.1	Create Conceptual Model(s) of Ecosystem Response to Nutrient Loads					
2.2	Develop Problem Statement and future scenarios					
2.3	Synthesize and Interpret Existing Ambient Water Quality Data; Identify Data Gaps					
2.4	Develop Nutrient Loading Conceptual Model					
2.5	Synthesize Existing Loading Data and Data Gaps Analysis					
<b>Element 3: Nutrients and Potential Impairment of Suisun Bay</b>						
3.1	Field studies and experiments to assess potential impairment due to elevated ammonium or changes in N:P					
3.2	Synthesis of Research to Date and Ambient Water Quality Data in Suisun Bay					
3.3	Assess science related to Ecosystem Impacts in Suisun Bay and Relationship to Nutrients					
<b>Element 4: Establish Guidelines</b>						
4.1	Phytoplankton NNE Assessment Framework					
4.2	Review of Dissolved Oxygen Objectives					
4.2.a	Synthesize existing dissolved oxygen data					
4.2.b	Evaluate the adequacy of the dissolved oxygen objectives, need for site- specific objectives					
4.2.c	Recommendations for additional data collection and monitoring program					

4.3	Macroalgal NNE Assessment Framework.					
<b>Element 5: Monitoring Program Development and Implementation</b>						
5.1	Develop a Monitoring Program					
5.1.a	Identify elements of a core SF Bay monitoring program					
5.1.b	Develop a program of special studies to improve fundamental understanding and quantification of processes in the system					
5.1.c	Develop the Bay nutrient monitoring program Work Plan and QAPP					
5.2	Implement the Bay nutrient monitoring program and special studies program (some special studies will begin in Yr2)					
<b>Element 6: Modeling Strategy</b>						
6.1	Modeling of External Sources					
6.1.a	Basic Loading Estimates or Modeling					
6.1.b	Review Models for Estimating Nutrient/Organic Carbon Loads					
6.2	Modeling of Load-Response					
6.2.a	Basic Numeric Modeling and Scenario Analysis					
6.2.b	Review of existing models/platforms to model Bay hydrodynamics & water quality					
6.3	Develop and Implement Modeling Strategy					
7	Control Strategies					
8	Regulatory Approaches					



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