CCCSD Permit Milestones Overlayed on San Francisco Bay Nutrient Strategy Timeline

Task No.	Brief Task Description	2012 Q1	2012 Q2	2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4
Element 1: Define the Problem																					
1.1	Nutrient/Water Quality Conceptual Model and Scenario Building																				
Element 2: Establish Guidelines																					
2.1	Phytoplankton NNE Assessment Framework																				
2.2	Evaluate the Need to Revise Objectives for Ammonium																				
2.3	Review of Dissolved Oxygen Objectives																				
2.3a	Synthesis of existing dissolved oxygen data																				
2.3b	Evaluate the adequacy of the dissolved oxygen objectives, need for site-specific objectives																				
2.3c	Recommendations for additional data collection and monitoring																				
2.4	Macroalgal NNE Assessment Framework																				
Element 3: Monitoring Program Development and Implementation																					
3.1	Develop Monitoring Program																				
3.1.a	Recommend elements of a core SF Bay monitoring program																				
3.1.b	Develop the Bay nutrient monitoring program Work Plan and QAPP																				
3.2	Implement the Bay nutrient monitoring program																				
Element 4: Modeling Strategy																					
4.1	Modeling of External Sources																				
4.1.a	Synthesize existing data on external nutrient loads and data gaps analysis																				
4.1.b	Review models to simulate nutrient/organic carbon loads and test management scenarios																				
4.1.c	Monitoring Elements																				
4.2	Modeling of Load Response																				
4.2.a	Basic Numeric Modeling and Scenario Analysis																				
4.2.b	Review of existing models/platforms to model Bay hydrodynamics and water quality																				
4.3	Develop Modeling Strategy																				
4.4	Begin implementing modeling strategy																				

Draft Nutrient Work Plan Due 6/1/2012

Facility & Site Characterization Work Plan Due 7/1/2012

Final Nutrient Work Plan Due 8/1/2012

CCCSD Facility Plan & Site Characterization Report 2/28/2014

Section 13267 Effluent Nutrient Data Final Report 6/30/2014

All CCCSD Studies Must Be Completed 9/1/2014

Final Report on CCCSD Work Plan Studies 11/1/2014

RWQCB Reassessment of CCCSD Ammonia Limits