

DRAFT Delta Nutrients Forms and Ratios Workshop Agenda

Tuesday, 29 November 2016 – Day One – Public Presentations	Time
Panel meets privately for introductions and self-organization; briefing on ammonium paradox particularly [reference: Dugdale and colleagues papers]; briefing on hypothesized role of ecological stoichiometry (N:P ratio) in low primary productivity [reference: Glibert papers]	8:00 am
<i>Doors open to public</i>	9:15 am
Introductions Overview of Delta Nutrient Research Plan project, including geographic and project scope; Review 2009 <i>Framework for Addressing Role of Ammonia/Ammonium</i> and current scientific and regulatory status. (Janis)	9:30 – 9:50
Topic 1: Status and trends of nutrients and chlorophyll-a in the Delta and Suisun Bay (David Senn, San Francisco Estuary Institute)	9:55 - 10:25
Topic 2: Nutrients as drivers and preview of nutrient state change Drivers of Phytoplankton in the Sacramento River: Comparing Phytoplankton Abundance and Composition in the Presence and Absence of Treated Wastewater Effluent (Tamara Kraus, USGS)	10:30 – 11:00
The response of the Bay-Delta phytoplankton community to experimental ammonium, nitrate, and wastewater effluent additions and changes in irradiance (Aaron Strong, U. Maine)	11:05 – 11:30
Physiological Assessment of the “Bad Suisun” Phenomenon: light and nutrient interactions (Mine Berg, Applied Marine Sciences)	11:35 - Noon
Lunch (on your own); Panel provided lunch at Workshop site	Noon-1:15
Discussion of morning session with panel; public Q&A	1:15 – 1:35
North Delta and Yolo Bypass nutrient transport and fate and phytoplankton blooms (Erwin van Nieuwenhuysse, US Bureau Reclamation)	1:40 – 2:10
Spatial variability of phytoplankton in a shallow tidal freshwater system reveals complex controls on abundance and community structure (Liz Stumpner, USGS)	2:15 – 2:45
<i>Afternoon Break</i>	2:45 – 3:00
Topic 3: Phytoplankton Drivers and Future Monitoring Considerations Delta benthic ecology and bivalve effects in shallow water habitats (Jan Thompson, USGS)	3:00 - 3:25
Insights from Delta Nutrients paper and Delta Science Program’s plan for monitoring before and after Sacramento Regional wastewater upgrade (Cliff Dahm, Delta Science Program)	3:30 – 3:55
Discussion of afternoon session with panel; public Q&A; Panel remarks	4:00 – 4:45
Workshop Wrap Up and announce draft white paper schedule (Janis)	4:45 – 4:55
Wednesday, 30 November – Day Two – Panel Working Session (closed session)	all day
[after workshop– panel decides on any specific requests for information to be provided the next day]	