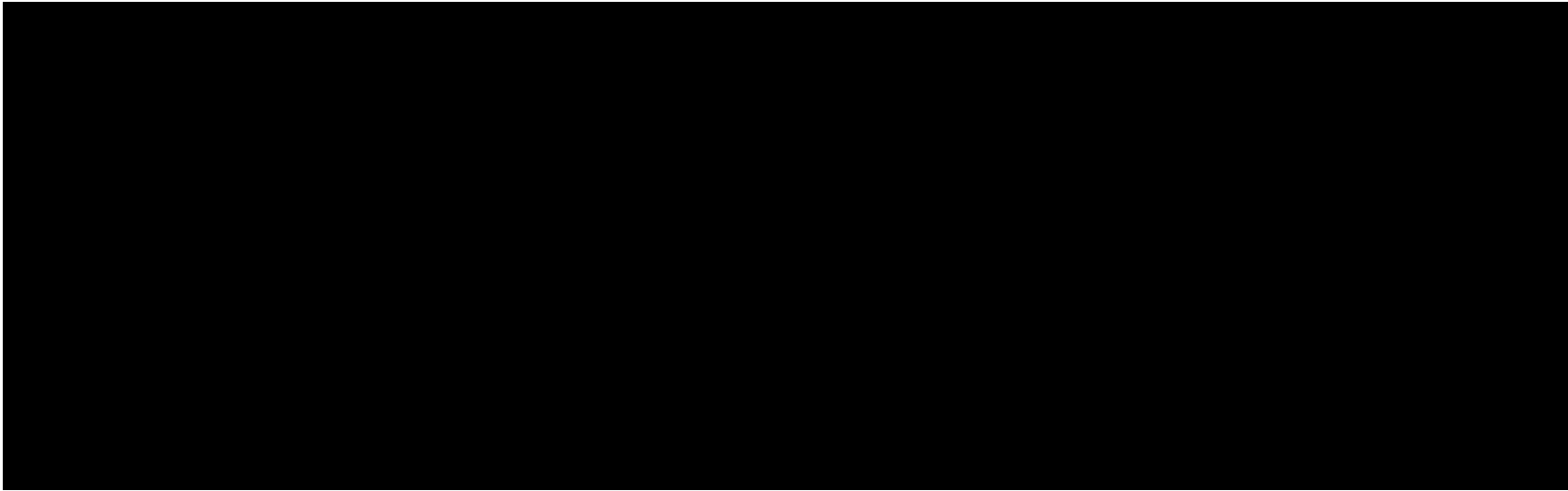


Item #3



Lester McKee
TRC Meeting
July 9th, 2009



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SPLWG

Item #3

Table 1. **Ranking of Potential 2010 Studies: High (3), Medium (2), Low (1).** Note – the WG recommended that the highest ranked studies be done in 2010 and that studies ranked lower by the TRC for 2010 would likely be put forward again in subsequent years in the context of the Small Tributaries Loading Strategy and the SPLWG 5 year plans.

Description	Tom M	Chris S	Barbara M	Eric S	Jamison C	Trish M	Peter M	Greg S	Emily C	Total Score
4) Update/Develop Spreadsheet model	M	H	M	M	H	M	L	M	M	19
5) POC Load Monitoring at a Subset of Representative Watersheds										
a) Guadalupe (PCB add on)	H	H	H	H	H	H	H	H	H	27
b) Z4LA	H	H	H	H	H	M	M	H	H	25
c) Watersheds to Be Named Later (recon)	H	H	H	H	H	H	H	H	H	27
5d) Scoping of Evaluation of "Land Use" Data	H	H	H	H	H	H	H	H	H	27
6) Central Valley Loads	H	M	H	M	H	M	H	H	H	24
7) Atmospheric Deposition	L	H	H	H	H	L	H	H	M	22
Mike Stenstrom likes Atm Dep studies, land use based monitoring										

- **Study No. 9: POC Loads Monitoring - Scoping Needs for “Land Use” specific monitoring**
 - Proposed by McKee, Lent, Pearce, Oram
 - \$30,000
 - Prepare to collect data to calibrate models to estimate regional loads, evaluate BMP options, and predict trends
- **RMP Management Questions addressed / Relevancy:**
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- **SPL Workgroup management question addressed:**
 - MQ2 What is the watershed-specific and regional POC load entering the Bay and are there trends through time?
- **Smal Tribs loads Strategy management question addressed:**
 - MQ4 What are the projected impacts of BMPs on POC loads or concentrations from the high-leverage small tributaries and where should BMPs be implemented to have the greatest impact?

- **Study No. 10:** Develop and update spreadsheet model
 - Proposed by Lent, Oram, McKee
 - \$35,000 (\$10 k per year thereafter)
 - Model to improve estimate of regional scale POC loads, assess BMPs, and estimate trends.
- **RMP Management Questions addressed / Relevancy:**
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- **SPL Workgroup management question addressed:**
 - MQ2 What is the watershed-specific and regional POC load entering the Bay and are there trends through time?
- **Smal Tribs loads Strategy management question addressed:**
 - MQ2 What are the annual loads or concentrations of pollutants of concern from small tributaries to the Bay?
 - MQ4 (see previous slide)

- **Study No. 11: POC Loads Monitoring in Representative Watersheds Reconnaissance**
 - Proposed by Pearce and McKee
 - \$12,000
 - Reconnaissance of high ranking watersheds to locate of MRP loads stations
- **RMP Management Questions addressed / Relevancy:**
 - Provision C.8.f of the February 2009 draft tentative order of the Municipal Regional Permit (MRP)
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- **SPL Workgroup management question addressed:**
 - MQ2 What is the watershed-specific and regional POC load entering the Bay and are there trends through time?
- **Smal Tribs loads Strategy management question addressed:**
 - MQ2 What are the annual loads or concentrations of pollutants of concern from small tributaries to the Bay?

- POC Loads Monitoring - Central Valley at Mallard Island
 - Proposed by David and McKee
 - \$100,000 (127,200 including Se) (RMP Status and Trends)
 - Refine loads, evaluate trends, learn about Hg and Se speciation
- RMP Management Questions addressed / Relevancy:
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- SPL Workgroup management question addressed:
 - Q4 What is the magnitude of contaminant loads entering the Bay from the Central Valley and is there an observable trend?

- POC Loads monitoring in representative watersheds Guadalupe
 - Proposed by Hunt and McKee
 - \$43,620 (RMP Status and Trends sharing money allocated for Mallard Is.)
 - Land use specific data to calibrate models to estimate regional loads, evaluate BMP options, and predict trends
- **RMP Management Questions addressed / Relevancy:**
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- **SPL Workgroup management question addressed:**
 - MQ2 What is the watershed-specific and regional POC load entering the Bay and are there trends through time?
- **Small Tribes loads Strategy management question addressed:**
 - MQ4 What are the projected impacts of BMPs on POC loads or concentrations from the high-leverage small tributaries and where should BMPs be implemented to have the greatest impact?

- Small tributary load monitoring in representative watershed (Zone 4 Line A)
 - Proposed by Gilbreath and McKee
 - \$150,000
 - Carry out sampling for POCs at Z4LA during WY 2010 to assess loads and to continue to test the use of automated samplers for collecting POC data
- **RMP Management Questions addressed / Relevancy:**
 - MQ3 What are the sources, pathways, loadings, and processes leading to contaminant-related impacts in the Estuary?
- **SPL Workgroup management question addressed:**
 - MQ2 What is the watershed-specific and regional POC load entering the Bay and are there trends through time?
- **Small Tribs loads Strategy management question addressed:**
 - MQ2 What are the annual loads or concentrations of pollutants of concern from small tributaries to the Bay?