

CAP Category: Uncertainty Reduction

BASELINE ACTIVITY: CB- 20 - Measures to revise the Copper Conceptual Model Report findings. Revise copper conceptual model report uncertainty table (Appendix D) and produce a status report at permit re-issuance.

Region of Applicability: South Bay and likely bay-wide

Linkage to Copper Reduction: May reduce uncertainty associated with conceptual model predictions of copper dynamics in the bay

Performance Measure(s): Availability of improved input data and uncertainty in multiple assumptions underlying model

Lead Party	Report/Source	Actions	Effectiveness Evaluation	Future Actions
FY 2004-2005		PROPOSED WORKPLAN ACTIONS		
SCVURPPP		Determine if revised Copper Conceptual Model being prepared for the CEP NDB Cu/Ni SSO Basin Plan Amendment project (Task 4.11) fulfills and completes this baseline action.		
RMP reporting to SCVURPPP	Semi-annually	Include in bay-wide research tracking effort being implemented by SFEI/RMP (see description under CB-17(1)).		
FY 2003-2004		Actions Accomplished in Period		
	CEP	CEP Task 4.07 initiated to evaluate future modeling needs and other CEP tasks with modeling elements. The focus was on multi-box and PCB food web modeling.	Additional Cu modeling considered low priority by CEP.	

Lead Party	Report/Source	Actions	Effectiveness Evaluation	Future Actions
	CEP	Summarized CMR uncertainties and updated the copper conceptual model for NDB in the CEP Cu/Ni NDB CMIA report (April 2004)		
FY 2003-2004		PROPOSED WORKPLAN ACTIONS		
SCVURPPP	CEP	Track CEP Task 4.7 to evaluate future modeling needs and other CEP tasks with modeling elements.		
SCVURPPP		Track results as they become available from SFO, CEP Cu/Ni, Cargill, and other potential modeling efforts.		
SCVURPPP	BPP	Track results from BPP hydrodynamic and compartment modeling based on SFO and WASP models.(see CB-18, CB-4&5)		
WMI, SCVURPPP		Re-evaluate approach to model revisions and updating the uncertainty table during reissuance of SCVURPPP NPDES permit.		
SCVURPPP with transition to RMP reporting annually to SCVURPPP		Include in bay-wide research tracking effort proposed to be conducted by SFEI/RMP (see description under CB-17(1))		