

CAP Category: Uncertainty Reduction Studies

BASELINE ACTIVITY: CB- 18(1) Investigate flushing time estimates for different wet weather conditions

CB- 18(2) Investigate location of northern boundary conditions

Region of Applicability: South bay and bay-wide

Linkage to Copper Reduction: Reduce uncertainty about sedimentation/resuspension dynamics and water column copper concentrations

Performance Measure(s): Track progress of hydrodynamic and sediment transport modeling efforts by others

Lead Party	Report/Source	Actions	Effectiveness Evaluation	Future Actions
FY 2004-2005		PROPOSED WORKPLAN ACTIONS		
SCVURPPP		Continue to track modeling development efforts and results from SSO, BPP and SFO projects. (see CB-5&4)	SCVURPPP encourages through CEP, RMP and BASMAA baseline funding	
SCVURPPP		Track whether CEP chooses to fund additional runs of URS SFO model as part of CEP Cu/Ni SSO project. This project supports Basin Plan Amendment anti-degradation and related analyses.		
RMP reporting to SCVURPPP	Semi-annually	Include in bay-wide research tracking effort being implemented by SFEI/RMP (see description under CB-17(1)).		

Lead Party	Report/Source	Actions	Effectiveness Evaluation	Future Actions
FY 2003-2004		Actions Accomplished in Period		
	CEP Technical Committee	CEP Task 4.07 redirected to multi-box model and PCB food web model. CEP unlikely to fund any Cu/Ni modeling (low priority). BPP Bay-wide modeling scheduled for late 2005 and 2006.		
FY 2003-2004		PROPOSED WORKPLAN ACTIONS		
SCVURPPP		Continue to track modeling development efforts and results from SSO, BPP, and SFO projects. (see CB-5&4)	SCVURPPP encourages through CEP and BASMAA baseline funding	
SCVURPPP	CEP Technical Committee	Track CEP activities with modeling components and particularly Task 4.07 Future Modeling Needs.		
SCVURPPP with transition to RMP reporting annually to SCVURPPP		Include activities in bay-wide research tracking effort proposed to be conducted by SFEI/RMP (see description under CB-17(1)).		
FY 2002-2003		Actions Accomplished in Period		
CEP	CEP TC 5/7/03	The detailed scope of work for the copper nickel North of Dumbarton SSO project to be funded by CEP in 03-04 includes bay modeling as part of the anti-degradation analysis work	\$20,000 level of effort	Track in 2004
BASMAA	BPP Steering	Brake Pad Partnership Prop. 13 grant Work Plan	\$125,000 level of effort.	Track through

Lead Party	Report/Source	Actions	Effectiveness Evaluation	Future Actions
Monitoring Committee & SCVURPPP	Committee Meeting 4/29-5/1/03	includes Bay modeling by URS. It will use a combination of hydrodynamic (SFO work) and compartment (WASP) models to address both short and long-term behavior of brake pad wear debris copper in SF Bay.		reporting on BPP under CB-5
San Jose & SCVURPPP	Inside Cal/EPA Newsletter 4/11/03	On April 2, 2003 a San Francisco Superior Court judge ruled that despite the federal government refusing access to the environmental documents, the city of San Francisco, which is a partner in the SFO project, must release the records under the City's Sunshine Ordinance. Considerable modeling has reportedly been performed as part of the environmental studies.	Depends on availability of information and content.	Keep tracking availability
San Jose & SCVURPPP	Water Policy Report Newsletter	BayKeeper and two other environmental groups filed suit against the City of San Francisco and its airport director on August 8, 2002 for failing to disclose the environmental documentation prepared for the proposed San Francisco Airport runway expansion project. Nine volumes of materials were sent to a panel of scientists in April but none has been released to the public.	Depends on availability of information and content.	Keep tracking