



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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Arnold Schwarzenegger
Governor

Advisory Council: TMDLs for the Dominguez Channel, and Los Angeles
and Long Beach Harbors
March 1, 2006 10:00-12:00 am

Regional Board offices 320 W. 4th St, Los Angeles CA, 90013
2nd Floor Library

AGENDA

- I. Welcome – LB Nye, Los Angeles Regional Board
David Smith, US Environmental Protection Agency
Peter Kozelka, US Environmental Protection Agency

- II. Review of Data Gaps and the plans to address data gaps. *LB Nye, Regional Board*

- III. Update on Stakeholder Model and Cost Allocation Model for Dominguez Channel TMDL. *Jeff Stewart, Lawrence Livermore National Laboratory, Tom Baginski, Lawrence Livermore National Laboratory, and John Marano, consultant for National Energy Technology Laboratory*

- IV. Essential points of the assessment, problem statement and numeric targets. *Peter Kozelka, USEPA*

- V. Questions/discussion

California Environmental Protection Agency



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

BULLET POINTS

1 March, 2006

Dominguez Channel and Los Angeles and Long Beach Harbors TMDLs Advisory Council

Attendees:

LB Nye	LA RWQCB
CP Lai	LA RWQCB
Rebecca Christmann	LA RWQCB
Peter Kozelka	USEPA
Dave Smith	USEPA
Teri Davis	City of Inglewood
Bob Wu	Caltrans
Ron Vaughan	ExxonMobil
Mike Wang	WSPA
Jeff Stewart	LLNL
John Marano	NETL consultant
Thomas Baginski	LLNL
Kathryn Curtis	Port of LA
Matt Arms	Port of LB
Kristen James	Heal the Bay
Donna Chen	City of LA
Youn Sim	LA County PPW
Lisa Carlson	City of LA, Sanitation, DWP
Alex Steele	LACSD

Review of Data Gaps and plans to address data gaps: LB Nye

	Data Gap
1	Data to estimate flux rates (sediment to water) of pollutants of concern for these specific waterbodies Key to the water quality model, especially important for organics, PCBs PAHs (partitioning data for metals are better established and land use model is more useful for metals).
2	Air deposition information Especially for PAHs directly to waterbody surface - needed for source analysis and model
3	Stormdrain inputs Both from the West Side (from San Pedro and SW slip area) and City of Long Beach shoreline down toward San Gabriel River.
4	Water quality info - 1) more storm pollutographs 2) more spatial representation Useful for both assessment and water quality model.
5	Sediment TIEs Useful mostly for assessment purposes to clarify which group or specific pollutants are causing toxicity

- The Regional Board, via a contract with SCCWRP, will address the first two gaps (sediment flux rates and air deposition) and this work will be done this summer.

-As work on the source assessment and model development is now in progress, any additional data or studies useful to the modeling will need to be completed or submitted very soon to be included in the model.

Presentation of the Stakeholder model and cost allocation model: Jeff Stewart and Tom Baginski of LLNL

- presentation PDF posted on Regional Board website
- an additional, more detailed presentation is also posted on Regional Board website
- a related paper, "*Marano, J.J.; Rawls, P.A.; Stewart, J., "Allocation Modeling For Metals TMDLs in An Urban Industrialized Watershed," (paper 15e), TMDL 2005 Conference, Philadelphia, PA, June 26-29, 2005,*" is also posted on the website.

Essential points of the assessment problem statement and numeric targets: P. Kozelka of USEPA

presentation map attached

Schedule and further meetings

Next TAC - late April 2006. At the next TAC meeting, Tetra Tech will provide a briefing describing their methods and sensitivity analysis. Briefing materials will be distributed to TAC members prior to the meeting so that they can review ahead of time.

Next Advisory Council Meeting - May 2006 after draft Problem Statement and Numeric Targets sections are released.

FRESHWATER:
METALS, TOXICITY

DOMCH ESTUARY:
METALS, ORGANICS,
BENTHIC COMMUNITY
EFFECTS
sed. toxicity

CONSLIP:
MORE METALS,
MORE ORGANICS,
benthic comm.
sed. toxicity

FISH:
METALS,
ORGANICS,
BENTHIC COMM.

CABRILLO MARINA:
METALS, ORGANICS

INNER BEACH:
ORGANICS

**PRELIMINARY ASSESSMENT
RESULTS**

LAR ESTUARY:
SED. TOXICITY
ORGANICS

SGR ESTUARY:
??

INNER HARBOR:
METALS,
ORGANICS,
SED TOXICITY
benthic comm.

OUTER HARBOR:
SED. TOXICITY
ORGANICS

SAN PEDRO BAY:
SED TOXICITY,
ORGANICS

