



California Regional Water Quality Control Board

Colorado River Basin Region



Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/~rwqcb7>
73-720 Fred Waring Drive, Suite 100, Palm Desert, California 92260
Phone (760) 346-7491 · FAX (760) 341-6820

April 8, 2001

TO: TAC Members and Interested Parties

RE: Salton Sea Nutrient Total Maximum Daily Load (TMDL) Technical Advisory
Committee (TAC) Meeting

The next Salton Sea Nutrient Total Maximum Daily Load (TMDL) Technical Advisory Committee (TAC) meeting is scheduled for Wednesday, April 24, 2002, 10:00 AM- 12:00 PM, at the Imperial County Farm Bureau, 1000 Broadway, El Centro, CA 92243. Enclosed for your review are: April 24 Meeting Notice and draft agenda; attendance list and minutes from the March 27th meeting; and TAC Workgroup members list. The Meeting Notice and draft agenda are available on our website: <http://www.swrcb.ca.gov/rwqcb7>.

Please let me know if there are any items that you would like to add to the draft meeting agenda for April 24th.

We look forward to your participation. For further information, please contact me at (760) 776-8931 or Dr. Francisco Costa at (760) 776-8937.

Teresa Newkirk, Senior Environmental Scientist
Chief of TMDL Development

FC/hs

Enc: As noted above

File: TMDL SS N
TMDL SS N TAC



NOTICE OF MEETING

DEVELOPMENT AND IMPLEMENTATION OF
NUTRIENT TOTAL MAXIMUM DAILY LOADS FOR THE
SALTON SEA

TECHNICAL ADVISORY COMMITTEE

Meeting Scheduled for

**Wednesday, April 24, 2002
10:00 A.M.**

and will be held at the

**Imperial County Farm Bureau
1000 Broadway, El Centro, CA 92243
(760) 352-3831**



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DEVELOPMENT AND IMPLEMENTATION OF NUTRIENT TOTAL MAXIMUM DAILY LOAD FOR THE SALTON SEA

TECHNICAL ADVISORY COMMITTEE Meeting Agenda

Wednesday, April 24, 2002, 10:00 AM -12:00 PM.
Imperial County Farm Bureau
1000 Broadway
El Centro, CA 92243

- Introductions
- TAC Workgroup Structure
 - Membership
 - Strategy of how to meet the required TMDL milestones
- Salton Sea Background Information
 - Review of NRCS-ARS Phosphorus Literature by Khaled Bali
 - New River Wetlands Project by Marie Barrett
- Action Items
 - CEQA scoping meeting
 - Set date and agenda for next meeting
 - Questions and comments
 - Adjournment



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DEVELOPMENT AND IMPLEMENTATION OF NUTRIENT TOTAL MAXIMUM DAILY LOAD FOR THE SALTON SEA

TECHNICAL ADVISORY COMMITTEE MEETING

MINUTES OF THE MEETING

March 27, 2002

1. Introductions

Sheila Ault, Regional Board Outreach Coordinator, welcomed members and interested parties at 10:10 AM. Attendees introduced themselves, including which agency they represented. Attached is the list of people who attended the meeting.

2. TAC Structure

- Members approved the Salton Sea Nutrient TMDL TAC Mission Statement.
- Members did not approve the suggested Salton Sea Nutrient TMDL TAC goals. No other alternative goal statement was presented.
- Members approved the Salton Sea Nutrient TMDL TAC Bylaws.
- Members approved the creation of three workgroups (Numeric Target Development, Existing Projects Evaluation, BMP Development). The workgroups are expected to assist the Salton Sea Nutrient TMDL TAC on reaching the required TMDL milestones. An initial member list was created with volunteered or appointed persons. The list is enclosed for your review. These workgroups are open to anyone wishing to participate. Please contact Francisco Costa or Al Kalin if you are interested in participating in any workgroup or if you have any suggestions about its operation. Workgroup assignments will be discussed in the next TAC meeting.

3. Next TAC Meeting

The consensus was to have the next meeting in El Centro, CA, on April 24, 2002 from 10:00 AM to 12:00 AM.

4. Discussion Section

Discussion points/issues were:

- Few members mentioned concern about the TAC numeric target deadline. It was argued that it would be difficult to suggest a numeric target before the computer model was ready.
- The Regional Board stated that:
 - They are required to use the best available data.
 - The Bathtub model is expected to be ready by October 2002.

- They just received a proposal for a dynamic nutrient model and it is under revision.
- There are a great amount of published studies related to eutrophication and P management in lakes done in the U. S. and elsewhere.
- The Regional Board stressed that they have the ultimate responsibility to write a TMDL, even if the Salton Sea Nutrient TMDL TAC is not able to deliver sections of the TMDL by the milestones.
- It needs to be determined what crops have more P application and runoff.
- Liquid phosphate is applied to most crops in the Imperial Valley.
- There are difficulties in managing P in long-term crops like alfalfa and Bermuda grass.
- Geochemical processes in the Sea have changed over time as the Sea has been getting more saline. In consequence, P precipitation in the bottom of the lake has been increasing.
- The introduction of tilapia solved the odor problem because it forages the algae.
- The odor increases in the winter when tilapia stop feeding due to low temperature.
- USFWS records are available and a good source of information about fish kills and general lake conditions.

5. Presentations

- Jose Cortez presented "Point Sources of Phosphorus - Assessment" and a copy of his presentation was distributed.

6. Next Agenda

- New River Wetlands Project by Marie Barrett.
- Review of NRCS-ARS Phosphorus Literature by Khaled Bali.

7. Announcements

- CEQA and TMDL Training – 5/8
- Imperial Valley Drains Silt TMDL CEQA scoping meeting – 4/29
- Salton Sea Nutrient TMDL CEQA scoping meeting – 5/22
- The Federal 2003 Request for Proposals (RFPs) for both the Nonpoint Source (NPS) Implementation (Clean Water Act (CWA) 319) & the Water Quality Planning (CWA 205(j)) Grants are now available. Both RFPs and the Application Reference Document (ARD) for the RFPs can be accessed on the State Water Resources Control Board (SWRCB) web site at http://www.swrcb.ca.gov/nps/cwa_rfps.html. The deadline for submitting proposals for both the 319 and 205(j) grants is June 17, 2002 at 5 p.m.

8. Adjournment

The meeting was adjourned at 12:00 PM.

Development and Implementation of the Nutrient
Total Maximum Daily Loads (TMDLs) for the Salton Sea

Technical Advisory Committee Meeting

Attendance Sheet
March 27, 2002

NAME	AFFILIATION
George Ray	Farmer
Jim Setmire	USGS/USBR
Monica DeAngelis	USFWS
Nicole Rothfleisch	ICFB
Al Kalin	Farmer
David Ritter	Imp. Coun. Ag. Com. Off.
G. S. Sidhu	Riv. Co. Ag. Comm.
Steve Charlton	IID
Eldon Lee	City of Coachella
Debi Livesay	Torres Martinez Tribe
Jason Smith	NRCS/USDA
Khaled Bali	UCCE
Juan Guerrero	UCCE
Eric McGee	Weston Farm Service
Teresa Newkirk	CRWQCB(7)
Francisco Costa	CRWQCB(7)
Ivory Reyburn	CRWQCB(7)
Jeff Allred	CRWQCB(7)
Sheila Ault	CRWQCB(7)
Jose Cortez	CRWQCB(7)

Salton Sea Nutrient TMDL TAC Workgroups

Numeric Target Development	Existing Projects Evaluation	BMP Development
George Ray (Farmer)	Jim Setmire (BR)	Jason Smith (USDA/NRCS)
Khaled Bali (UCCE)	Tom Kirk (SSA)	Eric McGee (Western Farm Service)
Debi Livesay (Torres Martinez)	Doug Barnum (USGS)	Khaled Bali (UCCE)
G. S. Sidhu (RCACO)	Carol Roberts (USFWS)	David Ritter (ICACO)
Jim Setmire (BR)	Susan Lockhart (Dudek and Associates)	Nicole Rothfleisch (ICFB)
Carol Roberts (USFWS)	Elston Grubaugh (IID)	Susan Lockhart (Dudek and Associates)
Charlie Pelizza (USFWS)	Eldon Lee (CC)	Al Kalin (Farmer)
Elston Grubaugh (IID)		Elston Grubaugh (IID)
Eldon Lee (CC)		
Charlie Phillips (SAIC)		
Doug Barnum (USGS)		