



Technical Advisory Committee Meeting Summary

Held June 12, 2018 at Regional San

Attendees:

TAC members, alternates, and staff present:

TAC Members	Representing	Affiliation	Position
Anderson-Abbs, Bev	Regulatory-State	State Water Board	member
Ashby, Karen	Stormwater	Larry Walker Associates (LWA)	member
Delmas, Erich	Publicly-owned treatment works (POTW)	City of Tracy	member
Frankenbach, Rolf	Coordinated Monitoring	CA Department of Water Resources (DWR)	alternate
Irvine, Cam	POTW	Robertson-Bryan Inc.	alternate
Johnson, Michael	Agriculture	MLJ-LLC	alternate
Laurenson, Brian	Stormwater	LWA	member
Mussen, Tim	POTW	Regional San	member
Taylor, Hope McCaslin	Stormwater	Larry Walker Associates (LWA)	alternate
Turner, Melissa	Agriculture	MLJ-LLC	alternate
Van Nieuwenhuysse, Erwin	Coordinated Monitoring	IEP/US Bureau of Reclamation (USBR)	member

Ex-officio and staff

Cole, Selina	Staff, TAC alternate	Central Valley Regional Water Board
Heberger, Matthew	Staff	Aquatic Science Center
Kapahi, Gita	Facilitator	Office of Public Participation/State Water Board
McCord, Stephen	TAC Co-Chair	MEI
Morris, Patrick	Staff	Central Valley Regional Water Board
Domagalski, Joe	TAC Co-Chair	USGS
McClure, Danny	Staff	Central Valley Regional Water Board

Others

Clark, Steven		Pacific EcoRisk
Lawson, Dave		Western Plant Health Association
Louie, Stephen	Regulatory-State	California Dept of Fish and Wildlife
Mullane, Jessica		Central Valley Regional Water Quality Control Board
Orlando, Jim		U.S. Geological Survey (USGS)
Upadhyay, Vyomini	POTW	Regional San
Wagner, Scott	Regulatory-State	California Department of Pesticide Regulation

1. Introductions and Agenda

Participants approved the agenda.

2. Decision: Approve TAC Meeting Summary for April 23, 2018 meeting and confirm/set future TAC meeting dates

The committee reviewed the upcoming meeting calendar.

Upcoming Scheduled Meetings:

- TAC Meeting: June 29, 2018, 8:30 am – 11:30 am, Teleconference
- SC: July 17, 2018, 10:00 am – 4:00 pm at Regional San
- TAC Meeting: September 21, 2018, 10:00 am – 4:00 pm, at Regional San
- Joint SC/TAC Meeting: October 29, 2018, 10:00 am – 5:00 pm at Cal/EPA
- Pesticides Subcommittee Meeting: Nov. 9, 2018, in-person with Deltares, Location TBD

Decisions:

- The TAC Meeting Summary for April 23, 2018 was approved.

Action Items:

- Matt Heberger (ASC): Finalize the April 23, 2018 Meeting Summary and send out calendar invitations for confirmed meeting dates.

3. Information: Steering Committee Update

Stephen McCord summarized the outcomes of the May 11, 2018 Steering Committee meeting.

- The Steering Committee approved the recommended work plans / monitoring designs for mercury monitoring and nutrients modelling, with the lower-effort design for mercury. The Chlorophyll Intercalibration Study was funded at 50%, with a request to Bay Nutrient Management Strategy for 50% cost share (which has since been approved).
- The Steering Committee approved the roster of six science advisors nominated by the TAC. One of the advisors has since withdrawn from the program. The Steering Committee recognizes that changes in advisors over time may occur.

4. Information: Pesticides Monitoring Proposals for FY 2018-19

Committee members expressed concerns regarding the proposed budget for toxicity reporting and suggested ways to streamline the reporting and reduce costs.

Decision:

There was general agreement that an annual toxicity report was needed but that its level of reporting should be reduced to cut costs. The reduced budget should be clear on deliverables and still include time for Response to Comments.

- Deliverables to include, but not limited to, bench sheets, reference tox figures, summary tables, and a table of issues + corrective actions.
- Results to be emailed as soon as possible after collection.

Action Item:

- Matt Heberger (ASC): Matt will draft a scope of work for toxicity reporting that describes a smaller effort to bring the total estimated costs closer to the \$250K proposed budget.

5. Information: Decision-making Process for Pesticides Monitoring Proposals

Committee discussed pesticides monitoring proposals (Option A vs. Option B and highlighted the following remaining issues:

- *Chironomus* toxicity testing – concern about methods, reproducibility, use of results by regulators of flagged data. Policy decision for Steering Committee.
- Stratification – shallow v. deep, residence time, water area v. water line. Clearly document the process for making the decision in the proposal. (tech memo, subcommittee input, consult with advisors)
- Sampling sites for Option B – n = 24 (instead of 30) spread over a fourth year will achieve the planning budget with minor loss of statistical power. Best to recommend n=30 (even if expect SC to fund n=24) to provide basis for requesting supplementary funds.
- Timing of Sampling – 6 events TBD by Pesticides Subcommittee.
- Toxicity, interpretation of results – Tox Workgroup to make recommendations.
- The QAPP will need to be updated to include all remaining sampling and analysis details.
- Link to pyrethroids TMDL monitoring requirements.

Action Items:

- Matt Heberger will follow up with SWAMP on flagging of *Chironomus* tox data, specifically what is the meaning and implication of being flagged as “survey data.”
- Matt will revise the ranking questionnaires for Options A and B and distribute to the TAC members for completion. The TAC will then have approximately one week to complete them. The results will be tallied and the recommendation package distributed for discussion on the June 29, 2018 conference call.

6. Discussion: Recommendation on CEC Proposal

Brian Laurensen provided a status update on the CEC workplan development. A detailed funding and implementation plan will be presented for approval at the July 17, 2018 Steering Committee meeting.

- Additional comments should be forwarded to Brian for inclusion in Appendix B of the Work Plan.
- The CEC Subcommittee will meet again on June 18, 2018. Anyone interested in participating should contact Brian.

Action Items:

- Matt Heberger and Brian Laurenson will work to clarify what further action/feedback is being requested from the Steering Committee at its July 17, 2018 meeting regarding the CEC monitoring proposal.

7. Outreach to Prospective Prop. 1 Proposers

The committee discussed the Steering Committee request for identification of, and outreach to, Prop 1 proposers for potential coordination with Delta RMP. The Steering Committee submitted a letter of support for a USGS mercury monitoring proposal, requesting periodic interactions with the RMP if funded. TAC members are encouraged to continue seeking collaboration opportunities with grant proposers.

8. Discussion: Co-Chairs for FY18/19

The committee discussed the options for committee chair and facilitation and agreed to move forward with one chair. It was also suggested that the Steering Committee be asked to evaluate the appropriate level of compensation for the TAC chair.

Decision:

- Stephen McCord will continue as TAC Chair for fiscal year 18/19. Joe Domagalski will end his term this month and not be replaced.
- Gita Kapahi will continue as facilitator for the TAC and Pesticides Subcommittee through the end of 2018. Facilitation will be revisited at that time, including an option for Gita to assign other State Board staff.

Action Items:

- Matt Heberger will include an agenda item in the July 17, 2018 Steering Committee meeting agenda to consider increasing compensation for the TAC Chair.

9. Discussion: Science Advisor Strategy

The committee provided the following input into the science advisor strategy:

- Include the names and key roles/expertise of each Science Advisors, and post their resumes.
- Develop a Gantt chart with the overall calendar of milestones/due dates.
- Add the following phrase at the end of the second sentence in the Science Advisor job description: "...to better support the goals of the Delta RMP."

Action Items:

- Matt Heberger will revise the project calendar and science advisor strategy as noted above.

10. Discussion: Status of Deliverables and Action Items

Action Items are as stated in the summary.