



Executive Board Meeting Minutes

August 17, 2018

ROLL CALL AND INTRODUCTIONS

Executive Board Representatives: Lori Schectel (Central Contra Costa Sanitary District); Amit Mutsuddy (San Jose); Laura Pagano (SFPUC); Eileen White (East Bay Municipal Utility District); Jacqueline Zipkin (East Bay Dischargers Authority).

Other Attendees:

<u>Name</u>	<u>Agency/Company</u>
Alicia Chakrabarty	EBMUD
Allison Petsche	McGovern McDonald Engineers
Amanda Roa	Delta Diablo
Arvind Akela	SVCW
Bhavani Yerrapotu	Sunnyvale
Brian Henderson	SFPUC
Daniela Brandao	Representing San Mateo
Dave Richardson	RMC
David Senn	SFEI
Eric Dunlavey	San Jose
Greg Baatrup	Fairfield Suisun
Holly Kennedy	HDR
Jenny Pang	SFPUC
Manon Fisher	SFPUC
Nohemy Revilla	SFPUC
Patricia McGovern	McGovern McDonald Engineers
Ravi Krishnaiah	SFPIC
Sandeep Sathyamoorthy	Black & Veatch
Tom Hall	EOA, Inc.
Yu Yun Shang	EBMUD
David Williams	BACWA
Lorien Fono	BACWA
Sherry Hull	BACWA

PUBLIC COMMENT

None.

CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER – Item 6.b and Item 6.c was taken out of order. Item 12, Discussion: Biosolids Fire Restoration Project, was taken out of order before Item 4, Approval: Biosolids Fire Restoration WERF Project Contribution.

CONSENT CALENDAR

1. July 20, BACWA Executive Board Meeting Minutes – The approved minutes will be posted on the BACWA website.

2. June 2018 Treasurer’s Reports and Financial Summary – A Financial Summary Report was included in the Packet. A copy of the FY18 Budget as of June 30, 2018, (100% of the fiscal year) was included. It, along with the Summary, provides the Board with a concise overview of the Fund Balances and the current status of the Annual Budget and points out any variances in the budget to date. The Executive Director noted that the Funds Report includes a report on the Alternative Investments and, because those investments are less liquid than previous investments, a report on BACWA liquidity is also provided.

Consent Calendar items 1 and 2: A motion to approve was made by Jacqueline Zipkin and seconded by Eileen White. The motion was approved unanimously.

APPROVALS & AUTHORIZATIONS

3. Approval: BACWA Biennial Conflict of Interest Code Review – A Board Action Request, the BACWA Conflict of Interest Code, the BACWA Consultant Requirements, and the 2018 Biennial Notice from FPPC were included in the Packet. The Executive Director noted that there have been no material changes to the BACWA structure during the last two years and recommends no changes to the Code.

Item 3: A motion to approve was made by Laura Pagano and seconded by Eileen White. The motion was approved unanimously.

4. Approval: Biosolids Fire Restoration WERF Project Contribution – A Board Action Request and the WRF Unsolicited Research Program Preproposal were included in the Packet. CASA is requesting that BACWA contribute \$10,000 to match funds requested from WRF to study the use of biosolids to benefit fire ravaged lands. The Executive Director asked the BACWA Member requesting the approval to summarize the Proposal.

Item 4: A motion to approve was made by Eileen White and seconded by Laura Pagano. The motion was approved unanimously.

5. Approval: APA Risk Reduction Agreement FY19 – A Board Action Request, the Agreement and the APA Proposal, including a Scope of Work, Timeline and Budget, were included in the Packet. The ED/RPM gave an overview of the request. A second proposal is expected to be submitted by CIEA by the end of August, and that contract is expected to be approved at the September Executive Board meeting.

Item 5: A motion to approve was made by Jacqueline Zipkin and seconded by Eric Dunlavey. The motion was approved unanimously.

OTHER BUSINESS-POLICY/STRATEGIC

Agenda Item 6 – Discussion: Nutrients

a. Regulatory

- i. Nutrient Strategy Team Review – A Summary of Discussion at the NST Meeting with the Water Board on July 20, 2018, along with the Agenda for the August 17, 2018 meeting were included in the Packet. The Executive Director gave the Board an update noting that he will present additional information at the NST Meeting that follows.
- ii. HDR Update—HDR provided an update on their preparations for the workshop at the Water Board on September 17, 2018, and status of the Brochure development. The presentation will be reviewed by the CMG during the September 14 conference call. The Executive Board also requested that they be given a preview prior to meeting with the Water Board. Individual appendices for the 2018 Group Annual Report are expected to be distributed to agencies for review by Labor Day.

b. Technical Work -

- i. Potential Funding of Nutrient-related SEP Projects – The Science Manager updated the Board on the program. The Board expressed concern with subembayment boundaries and the science manager indicated that studies will provide better data to determine boundaries, but that there may be different boundaries for different parameters of concern. There was a discussion about how a single agency may impact nutrient concentrations in multiple subembayments.

c. Governance Structure –

- i. Planning Subcommittee Meeting #33 Debrief – The Summary of the July 26, 2018 meeting was included in the Packet. A Board Member who attended the meeting gave an overview. The Science Manager noted that the high priority is DO in the margins, while deep water DO concentrations are a lower priority. There should be a long-term monitoring plan to track toxins, but spending should not go to new mechanistic models. The SFEI science team is working on a way to fund a statewide effort on investigating coastal impacts of nutrients, but Bay study resources should not shift to that. The Executive Board stressed the importance of better understanding the biogeochemistry of each subembayment to get a better understanding of their assimilative capacities, which may inform future load caps.

Agenda Item 7 - Discussion: Water Board Jt Mtg Draft Agenda 8/23/18 – A Draft Agenda for the meeting was included in the Packet. The Regulatory Program Manager gave an overview of the Agenda and asked for feedback from the Board. Several suggestions were made, and the agenda will be updated by removing the discussion about advancing funding to the NMS and

adding an item on State efforts to develop CEC monitoring recommendations.

Agenda **Item 8** - Discussion: Draft Agenda Pre-Pardee Technical Seminar 9/21/18 – A Draft Program for the September 21, 2018 meeting, along with a Draft Program and list of confirmed attendees for the Pardee Seminar planned for October 25-26, 2018, were included in the Packet. The Executive Director gave an overview of the Pre-Pardee Program and asked the Board for feedback. It was suggested that a schedule for milestones related to the Chlorine Residual BPA work be added to the Program.

Agenda **Item 9** – Discussion: Membrane Aerated Biofilm Reactor (MABR) Research – Sandeep Sathyamoorthy of Black & Veatch gave a presentation on the technology which has the potential to reduce capital expenditures by 20-30%. They are investigating linkages between COD/N ratios and COD loading on nitrogen removal, as well as how to best manage the biofilm to maximize nutrient removal. There is a [LINK](#) to the presentation.

Agenda **Item 10** – Discussion: Contaminants of Emerging Concern Whitepaper – A Draft White Paper Outline was included in the Packet. The Regulatory Program Manager gave an overview noting the different parameters that will be used to determine representative POTWs for future CECs studies by the RMP.

Agenda **Item 11** – Discussion: SSS WDR Incorporation into NPDES Permits – An email regarding Revised TO's for SASM and Tiburon was included in the Packet. The Executive Director gave an overview of the change in language pertaining to SSS WDR incorporation into NPDES permits between the original TOs and the revised TOs. The Board supported a request by a couple of BACWA members to ask the Water Board to further clarify that the State SSS WDR is not incorporated into the NPDES permit but is merely mentioned as a way of ensuring a properly functioning collection system.

Agenda **Item 12** – Discussion: Biosolids Fire Restoration Project – This item was taken out of order prior to Item 4. The Executive Director introduced the BACWA Member making the request. The Member provided an overview of the proposal, led by CASA, to study the beneficial reuse of biosolids to amend soils in fire ravaged areas.

Agenda **Item 13** – Discussion: Santa Clara Countywide Water Reuse Master Plan – An email invitation, a letter invitation, a roster of stakeholders, and a Board Member's notes from the meeting were included in the Packet. The Executive Director noted that a BACWA Member has volunteered to provide BACWA representation to the CWRMP. The Board concurred with the member serving as the BACWA representative on the master plan effort.

Agenda **Item 14** – Discussion: SSS WDR CASA Redline – An Email, a [LINK](#) to the Final WDR Redline document and a [LINK](#) to the Final MRP Reline document, along with a list of other SSS WDR Issues for Discussion, were included in the Packet. The Regulatory Program Manager gave

an overview of the main issues that CASA's Collection Systems Workgroup is proposing for revision. CASA will submit comments to the State Water Board in early September. The Water Board plans to put out its own revisions in early 2019, and adoption of the revised SSS WDR is planned for the end of 2019. The BACWA Board supported the CASA redline.

Agenda Item 15 – Discussion: Annual BAAQMD Meeting Debrief – A copy of the August 6, 2018 Meeting Agenda was included in the Packet. The Executive Director asked for feedback from those who attended. There was a discussion about the importance of maintaining a consistent message when talking with regulators as well as balancing advocacy for improvements in the regulations with maintaining a good working relationship with the regulators. BACWA will internally discuss next steps for working strategically with the Air District on obtaining timely permits for construction and pilot projects.

Agenda Item 16 – Discussion: Air/Water Case Studies – Mr. Arvind Akela from SVCW gave a presentation on a SVCW Pilot Project, to be funded with CEC grant money, to extrude organic material from food waste for co-digestion. He related their frustration in the permitting process with the Air District and the delays that caused. SVCW was ultimately successful in obtaining a workable permit by meeting with Air District management. Nohemy Revilla from SFPUC, and Chair of the BACWA AIR Committee, noted SFPUC's concern that if there are new pollution control requirements following the changes to Rule 11-18, there could be construction and permitting delays for their CIP projects which can get very expensive.

Agenda Item 17 – Discussion: Toxicity Litigation Update – A email from Downey Brand was included in the Packet. The Executive Director gave an overview of the status. An RA Settlement Meeting is scheduled for September 11, 2018.

Agenda Item 18 – Discussion: Wetlands Workshop Debrief 8/14/18 – A list of discussion topics, a list of talking points, and a [LINK](#) to the Wetland Policies Update were included in the Packet. A Board Member suggested BACWA create a working group to develop comments which are due by September 14, 2018. Several agencies volunteered and the Regulatory Program Manager will notify other agencies of the opportunity to participate.

OTHER BUSINESS-OPERATIONAL

Agenda Item 19 – Discussion: Options for Supporting the Bay Area Biosolids Coalition – An email from BABC, their 2018 Guidance Budget and Dues Structure, along with an overview of how BACWA might provide services to BABC were included in the Packet. Due to time constraints this item will be moved to a future Agenda.

Agenda Item 20 – Discussion: Bay Area Climate Adaptation Network (BayCAN) Launch – An email regarding the BayCAN Launch was included in the Packet. A Board Member attended the

meeting and gave an overview. They are looking for members. The Executive Director will provide Board Members with information so that a decision can be made on whether to add BayCAN to the BACWA Collaborations list.

Agenda Item 21 - Discussion: Operations and Maintenance Committee Attendance – The results of an O&M Meeting Topics Survey were included in the Packet. The Regulatory Program Manager noted that the next meeting is August 29, 2018

Agenda Item 22 - Discussion: BACWA Bulletin - Member News Section – A [LINK](#) to the CASA Newsletter showing a Member News section was included in the Packet. Due to time constraints this item will be moved to a future Agenda.

Agenda Item 23 - Discussion: Recognition of Outstanding Regulators – Due to time constraints this item will be moved to a future Agenda.

Agenda Item 24 - Discussion: Second Representative for RMP Technical Review Committee – The Regulatory Program Manager gave an overview of the issue and noted that it appears that the vacant seat needs to be filled by the City of San Jose, which has its own seat on the Committee, and not by BACWA. The Board suggested that BACWA invite the RMP to a future BACWA meeting to discuss BACWA's participation in the RMP and interest in resource allocation.

Agenda Item 25 - Discussion: Possible Unintended Consequences of Conservation Workshop – A Draft Agenda of the Workshop, along with a [LINK](#) to a presentation on Unintended Consequences, and a [LINK](#) to a presentation on Connecting the Dots, were included in the Packet. It was suggested that the workshop include a roundtable discussion for those agencies impacted.

REPORTS

Agenda Item 26 – Committee Reports – BACWA Committee Reports were included in the Packet. A was included in the Packet.

AIR Committee: A [LINK](#) to the BAAQMD Conferences website was included in the Packet.

BAPPG Committee: A report from the August 1, 2018 meeting was included in the Packet.

Biosolids Committee: No meeting.

Collections Committee: A report from the August 2, 2018 meeting was included in the Packet.

InfoShare - Asset Management: No meeting.

InfoShare – Operations & Maintenance: No meeting.

Lab Committee: A report from the August 8, 2018 meeting was included in the Packet.

Permits Committee: A report from the August 7, 2018 meeting was included in the Packet.

Pretreatment Committee: No meeting.

Recycled Water Committee: A report from the July 17, 2018 meeting was included in the Packet.

Agenda **Item 27** - Discussion: Member Highlights - Executive Board Representatives (Board) were given an opportunity to provide updates from each of the Principal agencies. Non-principal members were also given an opportunity to report out on behalf of their agencies. No actions were taken on the report-outs.

EBDA: No report.

EBMUD: No report.

Central Contra Costa: No report.

San Francisco: No report.

San Jose: No report.

Delta Diablo: No report.

Sunnyvale: No report.

Fairfield Suisun: No report.

Agenda **Item 28** - The **Executive Director's (ED) Report** for July 2018, along with the Board Calendar, and BACWA Action Items, were included in the Packet. It was noted that 65 of 66 action items from FY18, and 11 of 13 action items from FY19 have been completed.

Agenda **Item 29** - The **Regulatory Program Manager (RPM) Report** for July 2018 was included in the Packet.

Agenda **Item 30 - Other BACWA Representative Reports** – BACWA Representative were given an opportunity to provide updates. No actions were taken based on the reports.

- a. RMP-TRC: Mary Lou Esparza – A Chart of Pesticides and Pathways was included in the Packet.
- b. RMP Steering Committee: Karin North; Leah Walker; Eric Dunlavey – No report
- c. Summit Partners: Dave Williams; Lori Schectel – No report.
- d. **ASC/SFEI**: Laura Pagano; Dave Williams; Amit Mutsuddy; Karin North – No report
- e. Nutrient Governance Steering Committee: Eric Dunlavey; Eileen White; Bhavani Yerrapotu; Lori Schectel – No report.
 - i. Nutrient Planning Subgroup: Eric Dunlavey
 - ii. NMS Technical Workgroup: Eric Dunlavey
- f. SWRCB Nutrient SAG: Dave Williams – No report.
- g. SWRCB Focus Group – Mercury Amendments to the State Plan: Tim Potter; Dave Williams; Laura Pagano – No report
- h. NACWA Taskforce on Dental Amalgam: Tim Potter – No report.
- i. BAIRWMP: Cheryl Munoz, Linda Hu, Dave Williams - No report.
- j. NACWA Emerging Contaminants: Karin North, Melody La Bella – No report
- k. CASA State Legislative Committee: Lori Schectel – No report.

- l. CASA Regulatory Workgroup – Lorien Fono - No report.
- m. ReNUWI: Jackie Zipkin; Karin North – No report.
- n. RMP Microplastics Liaison: Nirmela Arsem – No report.
- o. AWT Certification Committee: Maura Bonnarens – No report.
- p. Bay Area Regional Reliability Project: Eileen White– No report
- q. WateReuse Working Group: Cheryl Munoz – No report.
- r. San Francisco Estuary Partnership – Eileen White; Dave Williams – No report
- s. CPSC Policy Education Advisory Committee – Doug Dattawalker – No report.
- t. California Ocean Protection Council – Lorien Fono – No report.

Agenda Item 31 - SUGGESTIONS FOR FUTURE AGENDA ITEMS.

ANNOUNCEMENTS:

The next regular meeting of the Board is scheduled for **September 21, 2018 from 8:30 am – 9:00 am** at the **EBMUD Headquarters, 2nd Floor Large Training Room 375 1th Street, Oakland, CA. This is a shortened meeting due to the Pre-Pardee Seminar that begins at 9:00 am.**

The BACWA Chair noted that the SFPUC designate, Laura Pagano, is leaving the agency and that Brian Henderson will be the new designate from SFPUC. The Chair noted Laura’s long and distinguished history with BACWA and presented her with a service award.

To receive a copy of any materials provided to the Board at a BACWA Executive Board meeting contact Sherry Hull at shull@bacwa.org.

The meeting adjourned at 12:34 pm.