



Executive Board Meeting Minutes

August 16, 2019

ROLL CALL AND INTRODUCTIONS

Executive Board Representatives: Jean Marc Petit (Central Contra Costa Sanitary District); Amit Mutsuddy (San Jose); Eileen White (East Bay Municipal Utility District); Jacqueline Zipkin (East Bay Dischargers Authority); Amy Chastain (SFPUC).

Other Attendees:

<u>Name</u>	<u>Agency/Company</u>
Eric Hansen	SVCW
Amy Chastain	SFPUC
Amanda Roa	Delta Diablo
Azalea Mitch	San Mateo
David Williams	BACWA
Lorien Fono	BACWA
Greg Baatrup	FSSD
Tom Hall	EOA
Andrew Damron	NapaSan
Hossein Ashktorab	Valley Water
Medi Senaki	Valley Water
Sarah Deslauriers	Carollo Engineers
Bill Mitch	Stanford
Tim Potter	Central San
Jennie Pang	SFPUC
Dave Richardson	W&C
Holly Kennedy	HDR
Eric Dunlavey	San Jose

PUBLIC COMMENT

None.

CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER – The Executive Director asked if anyone wished to take an item out of order or if any BACWA Representative wished to present a report or request BACWA direction on an issue out of order.

CONSENT CALENDAR

1. July 19, 2019, BACWA Executive Board Meeting Minutes – The approved minutes will be posted on the BACWA website.

Consent Calendar item 1: A motion to approve was made by Amit Mutsuddy and seconded by Greg Norby. The motion was approved with one abstention.

2. June 2019 Treasurer's Reports and Financial Summary – A Financial Summary Report, along with Treasurer's Reports for June 2019, were included in the Packet. A copy of the FY19 Budget as of June 30, 2019, (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.

Consent Calendar item 2: A motion to approve was made by Jean Marc Petit and seconded by Eileen White. The motion was approved unanimously.

APPROVALS & AUTHORIZATIONS

3. Approval: BACWA Support for the Bay Area Chemical Consortium (BACC). BACWA will provide administrative support to the BACC by organizing group bids and then invoicing the members. This work will occur on a 10-month schedule beginning in October. Hours for this effort are built into the AED contract. Supporting documents were included in the packet.

Item 3. A motion to approve was made by Eileen White and seconded by Jean Marc Petit. The motion was approved unanimously.

4. Approval: Assistant Executive Director Contract for FY20. Lorrie L. O'Neill was selected to fill the AED position via a competitive process. She will begin in the position at the end of August. A contract for providing the services at a rate of \$55/hour with a not to exceed amount of \$82,500 for FY 20 was included in the packet.

Item 4. A motion to approve was made by Eileen White and seconded by Amy Chastain. The motion was approved unanimously.

5. Project Management FY 20 Contract for Bay Area Biosolids Coalition (BABC). BABC is a project of special benefit of BACWA. The BABC Executive Committee requested that BACWA execute a contract with Carollo Engineers for Project Management for FY20. The contract has a not to exceed amount of \$110,000. The contract and scope of work were included in the packet.

Item 5. A motion to approve, was made by Greg Norby and seconded by Eileen White. The motion was approved unanimously.

6. Authorization: Chair Approval of a Project Management Contract for Bay Area Biosolids Coalition. The BABC Executive Committee requested that BACWA approve a contract with Carollo Engineers for Project Management to use up \$6,715.79 in unspent BABC FY19 funds. The Contract and Scope of Work were included in the packet.

7. Authorization: Executive Director Approval of Amendment to the Contract with SRT to Update Invoicing. SRT requested that invoicing be conducted upon the completion of tasks, rather than monthly. This is a no-cost amendment.

OTHER BUSINESS-POLICY/STRATEGIC

Agenda Item 8 – Discussion: Nutrients

a. Regulatory

- i. Nature Based Solutions Study update – There was a discussion at the kickoff meeting about integration of this project with the ongoing activities per the Operational Landscape Unit effort through SFEI and Transforming Landscapes projects through SFEP. The CMG discussed the plan to submit the Scoping and evaluation Plan by December 1 deadline. The next conference call will be Sept 10 and the next Quarterly meeting will be October 10 at Union Sanitary District.
- ii. Recycled Water Report update- HDR was present to give an overview of the process. The RPM sent out a spreadsheet to the Permits and Recycled Water committees so that agencies could update their Points of Contact for the Study. The Evaluation will be a synthesis of information provided by individual agencies. The Scoping and Evaluation Plan will be submitted by Dec, then an information request will be sent out in early 2020. This item will be on the Recycled Water Committee agenda at each bimonthly meeting.

b. Technical Work

- i. Biological Activated Carbon for Nutrient Reduction in RO Concentrate – The ED gave an overview of how different elements for the wastewater universe are coming together. Dr. Bill Mitch from Stanford gave a [presentation](#) showing different treatment trains to maximize energy production, recycled water production via RO, and remove nutrients from the RO concentrate. He gave a summary of anaerobic secondary treatment, which produces a high-quality effluent that is suitable RO feed. BAC removes all the nitrate in the RO concentrate, and many of the CECs. However, it doesn't have any impact on PFAS concentrations. He also discussed using the artificial sweetener sucralose to help in source apportionment for fecal bacteria. Stanford is partnering with SFPUC on the bacterial indicator work, since San Mateo is being required to look at sources of bacteria to their lagoon as part of a Cease and Desist order wherein Regional Water Board is requiring control of exfiltration. Homeless encampments may also be an important source of bacteria near creeks. SVCW is constructing a pilot of anaerobic secondary treatment 16 gpm and may consider scaling up.

- ii. Support for Valley Water Wetlands Pilot Project Grant – Hossein Ashktorab gave an update on innovation on RO concentrate treatment by Valley Water. Medi Senaki gave a [presentation](#) on their prospective RO concentrate treatment studies. The studies include floating treatment wetlands, subsurface flow through a horizontal levee, and capacitive coagulation. They are planning to package these projects together to apply for a USBR Grant, requesting \$150K. They would like BACWA's support for the Grant Application. The deadline is September 23.
- iii. Publication of Papers Funded by the NMS – One of the researchers involved with the NMS is planning to submit a paper based on the data generated. The NMS Planning Subcommittee has concurred that the paper needs to be vetted with the steering committee as part of the NMS process. An email was sent to the scientist requesting they delay publication until appropriate review has been completed.

Agenda **Item 9** - Discussion: Second Draft of Agenda for Pardee – The Executive Director gave an overview of the agenda with outcomes added to the agenda. He also announced that he would be stepping down at the end of January 2020 and that recruitment of a new ED would be a topic for discussion at Pardee.

Agenda **Item 10** - Discussion: State Water Board Toxicity Provisions Update – The RPM gave a [presentation](#) showing updates to the July 2019 draft Provisions compared to the October 2018 draft. A major new issue is that sensitive species screening would be required for all discharges upon their first permit implementing the provisions. This will reduce funding to the RMP via the Alternative Monitoring Requirements by up to \$180K per year.

Agenda **Item 11** – Discussion: State Water Board PFAS Monitoring Plans – New legislation gives the Water Board authority to monitor for PFAS. There was a conference call with the State Water Board's Division of Drinking Water and Division of Water Quality to discuss their monitoring plans. In Phase 1, landfills and airports have been required to monitor groundwater for PFAS compounds. Phase II will look at industrial sources. Phase 3 will look at wastewater, and effectiveness of treatment processes. State Water Board may be interested in POTWs doing a targeted, representative study. CASA plans to provide input to the State. DDW will host a summit on PFAS on Dec 4 and 5.

Agenda **Item 12** - Discussion: Microplastics Strategy Update – Carolynn Box of 5 Gyres gave a [presentation](#) on her organization's work looking at microplastic pollution globally. She gave an overview of the results of studies on microplastics in the Bay, as well as wastewater and stormwater sources. There are also policy recommendations under development. There was discussion about SFEI, 5 Gyres and BACWA working together to make sure our messaging is consistent.

Agenda **Item 13** – Discussion: Agenda for Annual Meeting with BAAQMD – Sarah Deslauriers, who provides support to the AIR committee, showed a proposed agenda for the September 9

meeting with the Water Board. There was a discussion about controlling messaging, and the Board agreed that scheduling a separate meeting to discuss permitting backlog would be the preferred strategy to address that item.

Agenda Item 14 – Discussion: CASA Climate Change Update – Sarah Deslauriers gave a [presentation](#) on the CASA Air Climate and Energy (ACE) activities. She described the regulations implementing SB1383 and the organics diversion requirements, and what entity will be responsible for enforcing them. There was a summary of BAAQMD’s Regulation 13 pertaining to controlling Climate Pollutants. The Air District put out a Concept Paper on 13-4, which showed they had some misunderstandings about wastewater treatment trains and technology, and in response they have extended the timeframe for Rule development. The State Water Board is finalizing their co-digestion capacity analysis. AB617 rules are under development and would require greenhouse gas emissions to be reported to CARB, but the thresholds are still under discussions. With respect to adaptation, ACE is looking at different approaches to vulnerability assessments. There have been some permits in the State that have requirements to do reliance assessments pertaining to drought, change of flows, sea level rise, etc. It is unknown when the State Census on vulnerability assessments will be released. The Coastal Commission is seeking input on management of coastal assets and are issuing permits requiring managed retreat. A Board member mentioned there is a recent [article](#) in the LA Times on the concept of managed retreat. America’s Water Infrastructure Act of 2018 requires assessment for natural disasters. The AWWA guidance documents are not yet available. Executive Order B-55-18 Requires that California is Carbon Neutral by 2045. A large part of it will be related to land management. There is a Task Force to look at offset protocols.

Agenda Item 15 - Discussion: Chlorine Residual Basin Plan Amendment update. There was a brief update on the status of this project. The staff report is nearly done, and a strategy meeting is scheduled with Regional Water Board staff to discuss how to resolve disagreements about the reporting limit.

Agenda Item 16 - Discussion: Enterococcus Sampling update. The first sampling round has been completed. Except for the Napa River, all sites were either low or non-detect for enterococcus. Data were shown in a table in the packet. The Regional Water Board agreed to use these data in permits issued this fall.

Agenda Item 17 – Bacterial Objectives Update – The RPM gave an overview of the issue of how the SHELL objectives might be implemented when the coliform limits for REC-1 are removed from the permit. The Regional Water Board is considering not using coliform limits for deep water dischargers, but implementing the limits in Basin Plan Table 3-1 for shallow dischargers whose outfalls are designated for SHELL.

Agenda Item 18 – Sanitary Sewer System Waste Discharge Requirements Update – CASA is continuing to meet with the State Water Board. A new issue that the State Water Board is

considering incorporating into the Order is that of exfiltration, and they may require agencies to study it.

Agenda **Item 19** – Notes from 7/18 joint meeting with Regional Water Board staff – A meeting summary was provided in the packet.

Agenda **Item 20** - ReNUWIt - One Water Update – Tim Potter gave an update on the recent ReNUWIt One Water Conference. There was a discussion at the meeting of different levels of acceptance of stormwater diversions by wastewater agencies. There is another Water Reuse workshop being planned for December, which will engage planners and other stakeholders for big picture planning. There are workshops being planned on an Annual Basis. BACWA will be informed about press prior to publication. BACWA is also working on its own Fact Sheet that is being reviewed by SFEI. Eric Hansen and Jackie Zipkin were approved as BACWA's Representatives to One Water.

OTHER BUSINESS-OPERATIONAL

Agenda **Item 21**- Discussion: CEU Credits from BACWA Committee attendance – BACWA is working with CWEA to begin to provide contact credits for participation in committees where there is an educational component.

Agenda **Item 22** - Discussion: BACWA Invoicing for FY 20 – BACWA will shortly send out invoices to its members that will include dues, CBCs fees, as well as BABC membership dues for those who are members.

Agenda **Item 23** - Discussion: Succession Planning – A list of committee chairs and BACWA representatives was included in the packet. Since Nirmela Arsem has retired, it was recommended that she be replaced on the RMP TRC by Yuyun Shang and Samantha Engelage. Her role as liaison to the RMP microplastics workgroup was recommended to be filled by Artem Dyachenko.

Agenda **Item 24** – Discussion: Website Compliance – Brown Act amendments require that public agency agendas be “accessible”, i.e., comprehensible to machine reader. BACWA will make sure our agendas are in compliance beginning with the October 2019 agenda.

Agenda **Item 25** – Discussion: Reallocation of Fire Research funds to CASA – CASA has requested that BACWA reallocate its funding for the fire remediation work to them, as it will be a CASA project rather than a WRF project. The Board concurred.

REPORTS

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

AIR Committee: No meeting

BAPPG Committee: A committee report and draft FY20 Committee Budget was included in the packet.

Biosolids Committee: No meeting

Collections Committee: A committee report was included in the packet.

Lab Committee: No meeting.

Operations & Maintenance – InfoShare Group: A committee report was included in the packet.

Permits Committee: No meeting.

Pretreatment Committee: No meeting.

Recycled Water Committee: A committee report 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.

Members:

None

Agenda **Item 28** - The **Executive Director's (ED) Report** for July 2019 along with the Board Calendar, and BACWA Action Items, were included in the Packet. It was noted that 109 of 110 action items from FY19 have been completed.

Agenda **Item 29** - The **Regulatory Program Manager (RPM) Report** for July 2019 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, Nirmela Arsem – No report.
- b. RMP Steering Committee: Karin North; Leah Walker; Eric Dunlavey – No report.
- c. Summit Partners: Dave Williams; Lori Schectel – No report.
- d. ASC/SFEI: Eileen White; Dave Williams; Amit Mutsuddy; Karin North – No report.
- e. Nutrient Governance Steering Committee: Eric Dunlavey; Eileen White; Lori Schectel; Jacqueline Zipkin – No report.
 - i. Nutrient Planning Subgroup: Eric Dunlavey
 - ii. NMS Technical Workgroup: Eric Dunlavey
- f. SWRCB Nutrient SAG: Dave Williams – No report.

- g. NACWA Taskforce on Dental Amalgam: Tim Potter – Tim Potter gave an update that NACWA is reengaging the task force to implement the new EPA Rule.
- h. BAIRWMP: Cheryl Munoz, Linda Hu, Dave Williams – A list of proposed projects was included in the packet.
- i. NACWA Emerging Contaminants: Karin North, Melody La Bella – No report.
- j. CASA State Legislative Committee: Lori Schectel – No report.
- k. CASA Regulatory Workgroup – Lorien Fono – No report.
- l. ReNUWIt: Jackie Zipkin; Karin North – No report.
- m. RMP Microplastics Liaison: Nirmela Arsem – No report.
- n. AWT Certification Committee: Maura Bonnarens – No report.
- o. Bay Area Regional Reliability Project: Eileen White– No report.
- p. WaterReuse Working Group: Cheryl Munoz – No report.
- q. San Francisco Estuary Partnership – Eileen White; Dave Williams – No report.
- r. CPSC Policy Education Advisory Committee – Doug Dattawalker – No report.
- s. California Ocean Protection Council – Lorien Fono – No report.
- t. Countywide Water Reuse Master Plan - Karin North; Pedro Hernandez – No report.
- f. BayCAN: Bay Area Climate Adaptation Network - David R. Williams; Lorien Fono– No report.
- u. CHARG: Coastal Hazards Adaptation Resiliency Group – Jacqueline Zipkin – No report.

Agenda **Item 31 - SUGGESTIONS FOR FUTURE AGENDA ITEMS.** None.

ANNOUNCEMENTS: The next regular meeting of the Board is scheduled for October 18, 2019 at EBMUD HQ, 2nd Floor Large Training Room, 375 11th St., Oakland, CA.

To receive a copy of any materials provided to the Board at a BACWA Executive Board meeting contact Lorien Fono at lfono@bacwa.org.

The meeting adjourned at 2:14 pm.