



Executive Board Meeting Minutes

July 17, 2015

ROLL CALL AND INTRODUCTIONS

Executive Board Representatives: Laura Pagano (San Francisco Public Utilities Commission); Jim Ervin (San Jose); Mike Connor (East Bay Dischargers Authority); Vince DeLange (East Bay Municipal Utility District); Jean-Marc Petit (Central Contra Costa Sanitary District).

Other Attendees:

<u>Name</u>	<u>Agency/Company</u>
Amanda Roa	Delta Diablo
David Senn	SFEI
Denise Connors	LWA
Karin North	Palo Alto
Tom Hall	EOA
Robert Wilson	City of Petaluma
Alicia Chakrabarti	EBMUD
Lori Schectel	CCCSD
Phil Trowbridge	SFEI
Jennifer Sun	SF Estuary Institute
Mitch Avalon	Contra Costa County
David Williams	BACWA
Lorien Fono	BACWA
Sherry Hull	BACWA

PUBLIC COMMENT

None.

CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER

None.

CONSENT CALENDAR

1. June 15, 2015 BACWA Executive Board Meeting Minutes
2. May, 2015 Treasurer's Report
3. FY15 Year End and BACWA FY16 Amended Budget

Consent Calendar items 1, 2 and 3 were approved in a motion made by Mike Connor and seconded by Vince DeLange. The motion carried unanimously.

REPORTS

Committee Reports were included in the handout packet for agenda **item 4. Pages 18-23**
AIR Committee: No Meeting.

BAPPG: Meeting **7/15/15**. Report in Handout. Planning a pollutant prioritization meeting in August.

Biosolids Committee: Meeting **6/25/15**. Report in Handout.

Collections Committee: No Meeting.

InfoShare Group: No Meeting.

Lab Committee: Meeting **7/8/15**. Report in Handout.

Permits Committee: Items discussed later in agenda.

Pretreatment Committee: No Meeting.

Recycled Water Committee: Meeting **7/1/15**. Report in Handout. The report includes a list of projects submitted to the IRWMP. The Truck Fill Guide has been updated and is on the BACWA website and will be included in the BACWA Bulletin. Due to the drought there has been an explosion of truck fill sites. There will be a presentation to BACWA at the August Executive Board meeting. Delta Diablo just started a site. While only open on weekends, and without any advertising, they had 150 users over the first two weekends. Palo Alto noted that they have had users from as far away as Morgan Hill. The State Water Board has proposed a new general recycled water permit. It's somewhat pared down from the last one. Will most likely be administered by the regional boards. A discussion on the new state permit will be added to the BACWA August Executive Board meeting agenda and information will be included in the BACWA Bulletin. The Recycled Water Committee is moving to a bi-monthly meeting schedule. They will be discussing how to go forward and if their focus should be broader than funding issues. They will want to be sure that they are addressing relevant issues due to the drought.

Executive Board Representatives (Board) were given an opportunity to provide updates from each of the Principal agencies under agenda **item 5, Executive Board Reports**. 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: As of July 1st Mike Connor will be cutting back to four days per week and Dave Stoops will be taking a bigger role. The EBDA JPA ends in two years. When it was begun forty years ago the primary focus was moving effluent away. Now focusing on what the next forty years will bring. EBDA has asked ReNUWIt to sponsor a workshop on what wastewater should look like. Dublin San Ramon Services District has begun a recycled water program. It was designed with an expectation that there would be around thirty users. They are currently serving around 2,500.

EBMUD: EBMUD is obligated to provide food waste to Waste Management. They are currently developing a schedule for the project and the scale is expanding. Energy production is front and center. They are in discussion to join Bay Area Biosolids to Energy and are hoping for a reduced buy-in based on in-kind contributions.

Central Contra Costa: Have started planning for energy neutrality and are updating models. Are studying wholesale opportunities in recycled water which is getting lots of media attention. CCCSD introduced Lori Schectel, new to CCCSD as Environmental Compliance Manager.

San Francisco: A truck fill station has been opened at Civic Center using dewatering from a BART station. On the nutrient monitoring front the agency is hoping to improve the quality of the phosphorous results. The EPA will tour and is still focused on the collection system. CASA will be providing a white paper on SSOs soon. A new bill will be introduced to address citizen suits.

San Jose: The nutrient seminar will be in San Jose July 27th & 28th. The use of drones for surveys and monitoring construction is expanding.

Palo Alto: Recently experienced an unexpected major bypass which lasted three days. The emergency response went well. Will now be looking at how to incorporate backups into contracts. There was no harm to the Bay. Even without advertising, recycled water distribution to residents is growing with one fill site and 70 watering sites.

Delta Diablo: Also seeing growth in recycled water.

Benicia: Hired Brown Caldwell to do a recycled water Feasibility study.

Petaluma: Food processing from industrial sources ranges from 11 to 30% of the influent flow. Adding capital to digesters.

The **Executive Director's Report** was included in the handout packet for agenda **item 6 (Pages 24-30)**. Met with Scott Haggerty, member and former chair of the Bay Area Air Quality Management District which oversees regional air quality regulations and programs and attended a joint meeting with the AIR District. BACWA should brief the AIR Board's Climate Change Committee. Supervisor Haggerty made the following points: 1) with regard to AIR regulations – agencies should be leading the way in meeting air regulations; 2) they are very interested in the interface of air regulations with POTW's ability to provide energy from waste materials. BACWA is working to schedule a 3-way meeting between the AIR District, BACWA and PG&E discuss the acceptance of biogas

It was noted that no action items remain incomplete from fiscal year 2013-14 and 83 of the 90 action items from fiscal year 2014-15 have been completed.

The **Regulatory Program Manager (RPM) Report under agenda item 7 (Page 31)**. All items covered later in Agenda.

Other BACWA Representative Reports were given an opportunity to provide updates under **agenda Item 8, Other BACWA Representative Reports**. No actions were taken based on the reports.

- a. RMP-TRC: Rod Miller; Laura Pagano –
- b. RMP Steering Committee: Karin North; Jim Ervin –
- c. Summit Partners: Dave Williams – Next meeting in September. The Chair will join the Executive Director at this meeting. Envisioning the utility of the future – create a database vs. anecdotal information.
- d. ASC/SFEI: Laura Pagano; Dave Williams –
- e. Nutrient Governance Steering Committee: Ben Horenstein; Jim Ervin –

- f. SWRCB Nutrient SAG: Dave Williams –
- g. SWRCB Focus Group – Bacterial Objectives: Lorien Fono; Amy Chastain –
- h. SWRCB Focus Group – Mercury Amendments to the State Plan: Tim Potter –
- i. Nutrient Technical Workgroup: Eric Dunlavey –
- j. NACWA Taskforce on Dental Amalgam: Tim Potter –
- k. BAIRWMP: Cheryl Munoz, Linda Hu, Dave Williams – An analysis of small agency challenges in IRWM participation and a letter from Steven R. Ritchie Chairman, Bay Area IRWMP Coordinating Committee to Assembly Member Marc Levine regarding SB208 were included on **Pages 32-34**. It is difficult for small communities to participate in projects due to the delays in funding. The bill would provide for Grant funds to be distributed 50% up front vs. waiting for reimbursement.
- l. NACWA Emerging Contaminants: Karin North, Melody LaBella - Comment letter pushed out to August 5th.

APPROVALS & AUTHORIZATIONS

Agenda **Item 9** –Chair Authorization of a Contract with TDC for BAPPG Support in FY16 was included in the Handout on **Pages 35-37**.

Agenda **Item 10** – Executive Director Authorization of a Contract with Cayuga Information Systems for IT Support was included in the Handout on **Pages 38-40**.

Agenda Item 11 – Board Approval of FY16 Contracts

Agenda **Item 11a** - Approval of Agreement with APA for Risk Reduction. A Board Authorization Request and supporting documents were included in the Handout on **Pages 41-52**.

Item 11a was approved in a motion made by Mike Connor and seconded by Vince DeLange. The motion carried unanimously.

Agenda Item 11b – Approval of Agreement with Alpha Labs for Sidestream Analytical Support. A Board Authorization Request and supporting documents were included in the Handout on **Pages 53-62**.

Item 11b was approved in a motion made by Mike Connor and seconded by Jim Ervin. The motion carried unanimously.

OTHER BUSINESS

Agenda **Item 12** – Discussion: Allocating Time for Policy Issues. A brief discussion on this topic, along with several options, was sent to the Principals. With nutrients one of the largest issues in two decades, and the potential for very large expenditures, there is concern over the next watershed permit. There is also concern about keeping the coalition of thirty-seven POTWs together on the issue. It is becoming obvious that there is not enough time during the regular

BACWA Executive Board meetings. Most recently there have been Special Board meetings held for expanded discussions on the issue. But there are also other alternatives: 1) alternate the BACWA Board meetings between operational and strategic issues; 2) occasionally continue into an afternoon session following the BACWA Board meeting; 3) continue to hold Special Board meetings; and 4) hold quarterly meetings for strategic and policy issues. It was also noted that with the permit process upcoming it is time to restart the Permit Negotiating Committee and that non-Principals should be included. The question was asked if BACWA is devoting enough time to strategic issues in general. For now it was agreed that the standing report-outs from Other Representatives (Agenda Item #8) should be moved to the end of the agenda and move strategic items forward in the agenda. In addition, the agenda could be reorganized into operational and strategic items versus having them intermixed. This item will be further discussed at the next Board meeting in August.

Agenda **Item 13** - Discussion – Nutrients

a. Technical Work

- i. Presentation: LSB Synthesis Update (David Senn) – The Board welcomed David Senn of SFEI who gave an update on the status of the LSB. Major questions are what is important and are the impacts positive or negative. He expanded on the data being collected on nutrient variations and DO observations. The synthesis suggests that phytoplankton concentrations are being controlled by grazers, since nutrient concentrations are an order of magnitude higher than limiting. There has been a 40% reduction in turbidity in the LSB. The Board suggested that David visit the agencies in the South Bay to present the data directly to them. He will also send the Executive Summary to BACWA for inclusion on the BACWA website.
- ii. Draft Scope of Work for Review of Documents. **Postponed.**

b. Regulatory

- i. Optimization/Upgrade Progress Review: A schedule of activities to meet watershed permit requirements for studies was included in the Handout on **Page 63**.
- ii. Upcoming Permit Requirements: Included in the schedule of activities on **Page 63**.

c. Governance Structure

- i. NMS Program Coordinator RFP: The RFP was included in the Handout on **Pages 64-77**.

Agenda **item 14** – Presentation: RMP Update (Phil Trowbridge). An update on the Regulatory Monitoring Program was provided. The RMP provides 40% of NMS funding. As a broad contaminants survey, the RMP is not missing a lot and includes five compounds at low levels that have not been monitored before. The RMP Annual Meeting will be part of the State of the Estuary Conference in September 2015. RMP members may attend the second day free. The Bay and the Delta RMP are coordinating through SFEI now. Problems of the future: not sufficient funding for emerging contaminants; outfalls in shallow water. BACWA members are paying \$240,000 per year for CTR and broadscan monitoring. Hoping to trade off effluent monitoring costs for increased RMP funding; this would reduce costs to BACWA by 5% and increase RMP fees by 7%. Will be working with the Permits Committee to obtain regional board

support and with the Lab Committee to develop a proposal for reduced monitoring. The laboratory committee provided an estimate for cost which was lower than the CalTest cost included in the handout.

Agenda **item 15** – Presentation: Stormwater Initiative (Mitch Avalon, CCC Stormwater Program). Currently stormwater does not fall under utility status. Any assessments, fees, and charges must be submitted to property owners for approval or rejection and need 60% approval to pass. Assembly Bill 1362, which was introduced on February 27, 2015, focused solely on stormwater. AB 1362 has now been put on hold until new constitutional language can be developed that includes conservation rates and lifeline rates, in addition to stormwater. BACWA support is needed. It would reform Proposition 218. More information can be found at www.cccounty.us/stormwaterinitiative. The IRWMP would like to see stormwater in the integrated plan. Phil will provide a copy of his presentation for the BACWA website.

Agenda **item 16** – Discussion: Drought Issues

- a. Need for Blanket Approval of Inter-Jurisdictional Transfers. This was put on hold because some agencies felt there was no need due to overuse of recycled water fill stations within jurisdictions. But both SF and EBDA wish to proceed with approval.
- b. Other Updates – 1) Should perhaps pursue changes in Title 22 to allow usage of less than tertiary treated water for cooling towers, etc. Need clarity on rules. 2) Add Drought to Recycled Water Committee Agenda. 3) How does drought impact decay of infrastructure? Add to Collection Systems Committee Agenda. Also add Drought Issues to Annual Meeting Agenda.

Agenda **item 17** – Presentation: WEF Conference Report (Alicia Chakrabarti). As chair of the BACWA Biosolids Committee, Alicia Chakrabarti attended the WEF Residuals and Biosolids Committee conference in June 2015. She reported that in addition to the traditional topics of anaerobic digestion, dewatering, biosolids management and incineration, there was significant interest in codigestion, biogas utilization and thermal hydrolysis. The market for higher value biosolids products is expanding and more agencies are investing capital to increase the value of their product, including the use of thermal hydrolysis. Nutrient management is also a key emerging issue that links to biosolids management through sidestream treatment and a number of wastewater plants in the US are now implementing anammox.

Agenda **item 18** – Discussion: Toxicity Update. Met with CASA. Three talking points are in the handout. There was a discussion about how the 5-concentration test can be used to assess the validity of a test result.

Agenda **item 19** – Discussion: Arleen Navarret Award. A Proposed Schedule for the Arleen Navarret Biennial Award was included in the Handout on **Page 81**. The last recipient of the Award, Amanda Roa, was acknowledged. This is the fourth time for the award. It remains at the

original amount of \$1,000. Perhaps BACWA should consider an increase in the future. BACWA will add the value of the Award to the documents and notice in the BACWA Bulletin.

Agenda **item 20** – Discussion: Draft Agenda for Pardee Technical Seminar. **Postponed.**

Agenda **item 21** – Discussion: Draft Agenda for Joint Water Board Meeting. A Draft Agenda, along with a preliminary list of BACWA issues for the 2015 Basin Plan Triennial Review, and Methods, RL's and Costs for the California Toxics Rule/State Implementation Plan were included in the Handout on **Pages 84-88.**

Agenda **item 22** – Discussion: Change of Date for September Executive Board Meeting. An explanation of the conflict between the BACWA Board meeting and the State of the San Francisco Bay Estuary Conference was included in the Handout on **Page 89.** After discussion it was decided to move the date to September 25, 2015.

SUGGESTIONS FOR FUTURE AGENDA ITEMS: None.

The next regular meeting of the Board is scheduled for **August 14, 2015** from 9:00 am – 12:30 pm at the **SFPUC, Hetch Hetchy Room, 13th Floor, 525 Golden Gate Ave., San Francisco, CA.**

The meeting adjourned at 12:34 pm.