



August 11, 2025
Monthly Members Meeting
Summary and Action Items
1:30 - 3:00 pm

0. ATTENDEES

- Antonella Gentile, Chair
- Sara Duckler, Vice Chair
- Judd Goodman, Vice Chair
- Katie Muller, Treasurer
- Gretchen E. Hayes, BAFPAA Coordinator
- Elke Rank, Environmental Permitting Committee Co-Chair
- 13 Additional Attendees representing City of Livermore, City of Petaluma, Marin County, San Francisquito JPA, San Mateo County, Santa Clara County, Santa Cruz County, Vallejo, and Zone 7.

1. INTRODUCTIONS

- Meeting participants introduced their agency representation and role.

2. ADMIN UPDATES

- **BAFPAA Co-Chair vacancy announced;** Express interest to Antonella Gentile
- **TH 9/25 11 AM Next BAFPAA Water Board Meeting Announced**
- **M 10/6 8:30AM- 2:30PM ANNUAL MEETING PROPOSED AGENDA (Elke Rank)**
 - Annual meeting RSVPs – Headcount needed by **TH, 8/21** for capacity and lunch orders
 - Prompt needed to share with agencies for attendees to prepare “Minute News” pop up announcements
 - **Panel 1: Beneficial Reuse of Sediment (Roger Leventhal)**
 - **Presentation: Aquatic Resources Permitting (Sequoia Ecological Consulting)**
 - **Panel 2: Nature-Based Engineering Solutions in Urban Settings (Katie Muller)**
 - **Minute News**
 - **Field Trip: Pacheco Marsh / Lower Walnut Creek Restoration (Paul Detjens)**
- **Marin County:** Tracy Clay will resign from Marin at the end of the month. Judd Goodman will act as Flood Control District Manager for the next six weeks.
- **T9/2-F9/5 Flood Management Agency Conference in Sacramento**
 - Silver Jackets presentation on first day of Conference
- **CHARG/BAFPAA Website**
 - Meeting member consensus to combine websites, with CHARG having its own page; Changes not to be made without consultation with John Bourgeois and Roger Leventhal, and Leadership Team
 - Social media cleanup planned - removing inactive social media links except LinkedIn for professional networking.
- **Peer Review Network Interest (Judd Goodman)**
 - Judd Goodman is requesting interest in peer design review, thought partnership expertise exchange (Technical Deliverables)
- **Institutional Re-Organization Best Practices and Lessons Learned (Judd Goodman)**
 - Marin County is reorganizing, and would benefit from input from other agencies experience in setting up their institutional structures
 - Judd Goodman is requesting a response to the following questions, which Gretchen will send in a separate email.
 - **How is your flood district organized (County and District org charts)?**
 - **What is your annual budget?**
 - **How many capital projects are implemented per year?**
 - **What infrastructure is maintained?**

- What are lessons learned for how your flood district is organized (what works and what doesn't)?
- What entity manages Sea Level Rise and upcoming requirements at your County?

3. TREASURER'S REPORT

- Katie Muller confirmed that member agencies received fiscal year 2025-26 invoices and that \$23,840 has been collected reflecting a 45% payment rate among members; Payment due by end of August.
- Checking \$88,368.42; Savings: \$147,529.28; Includes \$92,097 CHARG funds, reflects cost of website

4. AQPI Flood Forecasting Presentation

- Mark Boucher presented on his use of AQPI data
- Presentation slides are included along with the minutes
 - 7532 flood thresholds explained - 7 inches season, 5 inches last 30 days, 3 inches last week, 2 inches forecast in 24 hours indicates high flooding probability.
 - Five monitoring points currently used throughout county due to Excel processing limitations.
 - Automated hourly updates implemented using Windows Task Scheduler and Excel macros for data processing and PDF generation.
 - Python development in progress to replace seven Excel spreadsheets, enabling expansion beyond five points to potentially 32 rain gauge locations.
 - AI assistance utilized - ChatGPT and Gemini used for code generation and programming support.
 - Future modeling capabilities planned - integration with HEC HMS and HEC RAS for watershed flow prediction and flood mapping.
 - Real-time stream gauges available on website with flood stage information and automated updates.

5. COMMITTEE UPDATES AND REPORTS ON OTHER GROUPS

- **San Francisco Bay Restoration Authority Grant** (Tess Byler)
 - [SFBRA Grant Opportunity](#) Link
 - **GRANT DUE M 10/6** Tess Byler announced new funding round for multi-purpose projects; informational webinar available.
 - **W 8/13 Meeting RECAP**
 - The August 13 meeting focused on the results of a USEPA site visit and audit, with audit result of highest level of proficiency. SFEP highlighted many partnerships and approach for leveraging funding.
 - The quarterly update on progress to Estuary Blueprint goals was described, progress on all goals about halfway.
 - The Palo Alto Horizontal Levee pilot project was one of the projects visited, and this will be the first "open loop" proof of concept to further purify tertiary treated wastewater with direct discharge to Bay.
 - SFEP wants everyone to attend the State of the Estuary Conference October 28 and 29. <https://www.sfestuary.org/state-of-the-estuary-conference/>
- **Environmental Permitting Committee** (Elke Rank)
 - The Environmental Permitting Committee is exploring a quarterly standing meeting time and will conduct a poll.
 - The Committee is working with the BAFPA Leadership team on topics for RWQCB quarterly meetings.
 - Sonoma County Water Agency identified as exemplary model for permitting processes - potential learning opportunity.
 - ESA consultant resource available - former regional board permit writer with 10 years experience could provide insights.
 - Mitigation space shortage discussed - agencies running out of space for required tree plantings and ecological mitigation.
- **USACE** (Tami Church)
 - **W 8/27-TH 8/28 VIRTUAL 9AM-1PM Levy Owners Workshop**
Register: <https://forms.osi.apps.mil/r/cLPiYNPndi> ; or Email manya.singh@usace.army.mil
 - Silver Jackets: **Attend FMA Conference on T 9/2**

- **WRMP and NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) program** (Christina Toms sent post meeting)
 - The WRMP science team recently met with staff from NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) program to discuss how our program and partners are using CO-OPS tide data and tidal datums. Our discussion touched on numerous points, including:
 - The upcoming transition from the 1983-2001 National Tidal Datum Epoch (NTDE) to the 2002-2020 NTDE
 - The potential for the WRMP to develop our own tidal datums (5-year rolling averages?) separate from the updated NTDE, to support habitat mapping and other analyses that take into account rising sea levels
 - The anticipated release of new modeled and historic water level and wave data from the Coastal Ocean Reanalysis (CORA) effort
 - CO-OPS staff would like to know more about how the WRMP and its partners use (or would like to use) their products (e.g. predicted + observed tide data, tidal datums, and more), specifically:
 - What products are you using, and how are you using them? What decisions are you using them to inform?
 - How could these products be improved to address your information needs?
 - Are you interested in working with the WRMP and CO-OPS to develop specific data products?
 - If any TAC members have input on these three questions, we'd love to hear from you! Please respond to me, Lisa, and Alex by Friday, 8/22 so we can queue up a useful discussion in time for our 9/5 TAC meeting.

5. UPCOMING MONTHLY MEMBERS MEETING TOPICS

- SFEI Eco Atlas Regional Monitoring Program presentation being arranged through Brian's Mendenhall's contacts
- Mitigation alternatives discussion requested - exploring options beyond flood control district properties.
- [Beavers and Flood Control](#) (OAEC.org)
- Wildfire and flood permitting issues suggested as presentation topic; [Wildfire Fuels to Flows](#) (OAEC.org)

ACTION ITEMS

Antonella Gentile

- **TH 9/25 11AM** Coordinate with Elke Rank on next Water Board quarterly meeting agenda and topics

Elke Rank

- **TH 9/25 11AM** Coordinate with Antonella Gentile on next Water Board quarterly meeting agenda and topics

Gretchen Hayes

- Request Annual meeting RSVPs – Headcount needed by TH, 8/21 for capacity and lunch orders
- Share Mark Boucher's AQPI conference presentation slides
- Share prompt with respondents for attendees to prepare agency "Minute News" pop up announcements at Annual Meeting
- Forward USACE Levee Owners Workshop email to BAFPAA membership
- Share Silver Jackets Announcement for FMA Conference
- Solicit responses to Judd Goodman's survey on institutional structures
- Research Occidental Arts and Ecology Center presentation on beaver management for future BAFPAA meeting
- Consult with John Bourgeois, Roger Leventhal, and Leadership Team on combining BAFPAA & CHARG websites
- Remove unused social media links from website

Katie Muller

- Follow up on fiscal year 2025-26 dues collection from member agencies
- Champion nature-based engineering solutions in urban settings panel for Annual Meeting

Mark Boucher

- **Send M 8/11 1:30PM** AQPI conference presentation slides to Gretchen to share.

Roger Leventhal

- Determine if LTMS meetings are open to BAFPAA members

Sara Duckler / Elke Rank

- Develop prompt with respondents for attendees to prepare agency “Minute News” pop up announcements
- Support Katie Muller in developing Annual Meeting panel on urban nature-based solutions

Tami Church, USACE

- Forward USACE Levy Owners Workshop registration email to Gretchen for distribution
- Coordinate with regulatory folks on beaver-related Nationwide Permit 27 discussion for potential forthcoming meeting inclusion