



**Executive Board Meeting
AGENDA**
Friday, March 15, 2019, 9:00 a.m. – 12:30 p.m.
EBMUD, 2nd Floor Large Training Room
375 11th Street, Oakland, CA

<u>Agenda Item</u>	<u>Time</u>	<u>Pages</u>
ROLL CALL AND INTRODUCTIONS	9:00 AM	
PUBLIC COMMENT	9:03 AM	
CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER	9:04 AM	
CONSENT CALENDAR	9:05 AM	
1 February 15, 2018 BACWA Executive Board Meeting Minutes		3-9
2 January 2019 Treasurer's Reports		10-19
APPROVALS & AUTHORIZATIONS	9:06 AM	
3 <u>Approval:</u> BACWA Policies		20-23
a. Succession Planning Policy		
b. Class of Membership Policy		
c. Budgeting Policy		
4 <u>Authorization:</u> Chair Authorization of Agreement with Keough Consulting for BAPPG in FY19		24-28
OTHER BUSINESS - POLICY/STRATEGIC	9:10 AM	
5 <u>Discussion:</u> Nutrients		
a. Regulatory		
i. Update on Nature Based Solutions Report		
ii. Update on Regional Recycling Report		29-30
iii. Review Comments on Tentative Order		
iv. Final Nutrient Brochure		
v. Debrief on the EPA Trading Webinar		
vi. No Net Loading Increase Report		
b. Governance Structure		
i. Debrief on Nutrient Management Strategy Steering Committee Meeting #20		31-40
ii. Estuary News Interview on USGS Bay Monitoring Program		
6 <u>Discussion:</u> Update on CASA Climate Change Program		
7 <u>Discussion:</u> Test of Significant Toxicity Litigation Update		41-46
8 <u>Discussion:</u> Study of Bacterial Background Levels		47-52
9 <u>Discussion:</u> Criteria for BACWA Participation Fees		53-55
10 <u>Discussion:</u> Senate Bill 241 - Public Agencies Joint Powers Authorities		56-57
11 <u>Discussion:</u> Water Research Foundation Proposal Support		58-60
12 <u>Discussion:</u> Contaminants of Emerging Concern Routine Monitoring		61-62
13 <u>Discussion:</u> SSSWDR Meeting Debrief		63-70
14 <u>Discussion:</u> Update on Bay Area Biosolids Coalition		71-75
15 <u>Discussion:</u> Request for Funding of ReNUWIt Workshops		76-80
OTHER BUSINESS - OPERATIONAL	11:00 AM	
16 <u>Discussion:</u> Draft BACWA Policy on Website		81
17 <u>Discussion:</u> 2nd BACWA FY20 Draft Budget & Workplan		82-93
18 <u>Discussion:</u> Emergency Preparedness		
19 <u>Discussion:</u> Joint Meeting with Water Board Draft Agenda		94
20 <u>Discussion:</u> Close out of Prop 84 Round 1 Update		
21 <u>Discussion:</u> Annual Report to the Water Board on BACWA Members		
22 <u>Discussion:</u> Fair Political Practices Commission Requirements		
23 <u>Discussion:</u> Update on BAPPG: O'Rorke Contract		

REPORTS		12:10 PM	
24	Committee Reports		95-103
25	Member Highlights		
26	Executive Director Report		104-112
27	Regulatory Program Manager Report		113
28	Other BACWA Representative Reports	BACWA Representatives:	
	a. RMP Technical Committee	Mary Lou Esparza, Nirmela Arsem	
	b. RMP Steering Committee	Karin North; Leah Walker; Eric Dunlavey	
	c. Summit Partners	David R. Williams; Lori Schectel	114
	d. ASC/SFEI	Eileen Williams; David R. Williams	
	e. Nutrient Governance Steering Committee	Eric Dunlavey; Eileen White; Jacqueline Zipkin	
	e.i Nutrient Planning Subgroup	Eric Dunlavey	
	e.ii NMS Technical Workgroup	Eric Dunlavey	
	f. SWRCB Nutrient SAG	David R. Williams	
	g. NACWA Taskforce on Dental Amalgam	Tim Potter	
	h. BAIRWMP	Cheryl Munoz; Linda Hu; David R. Williams	115
	i. NACWA Emerging Contaminants	Karin North; Melody LaBella	
	j. CASA State Legislative Committee	Lori Schectel	
	k. CASA Regulatory Workgroup	Lorien Fono	
	l. ReNUWit	Jacqueline Zipkin; Karin North	
	m. RMP Microplastics Liaison	Nirmela Arsem	
	n. AWT Certification Committee	Maura Bonnarens	
	o. Bay Area Regional Reliability Project	Eileen White	
	p. WaterReuse Working Group	Cheryl Munoz	
	q. San Francisco Estuary Partnership	David R. Williams; Eileen White	116
	r. CPSC Policy Education Advisory Committee	Coleen Henry	
	s. California Ocean Protection Council	Lorien Fono	
	t. Countywide Water Reuse Master Plan	Karin North; Pedro Hernandez	
	u. BayCAN: Bay Area Climate Adaptation Network	David R. Williams; Lorien Fono	
	Resources	Meet the Project	
	v. CHARG: Coastal Hazards Adaptation Resiliency Group	Jacqueline Zipkin	
29 SUGGESTIONS FOR FUTURE AGENDA ITEMS		12:27 PM	
NEXT MEETING		12:28 PM	
The next regular meeting of the Board is scheduled for April 19, 2019 from 9:00 am to 12:30 pm at SFPUC, 13th Floor, Hetch Hetchy Room, 525 Golden Gate Ave, San Francisco, CA.			
ADJOURNMENT		12:30 PM	

ROLL CALL AND INTRODUCTIONS

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

Other Attendees:

<u>Name</u>	<u>Agency/Company</u>
Amanda Roa	Delta Diablo
Azalea Mitch	San Mateo
Karin North	City of Palo Alto
Richard Luthy	Stanford University
Mike Falk	HDR Engineering
Eric Dunlavey	San Jose
Greg Baatrup	Fairfield/Suisun
Aren Hansen	Brown & Caldwell
Jim Graydon	Woodard & Curran
David Williams	BACWA
Lorien Fono	BACWA
Sherry Hull	BACWA

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. Item # 4.a.ii, Optimization/ Upgrade Brochure & Presentation Update, was taken out of order. Item # 13, Future of ReNUWI in the post-National Science Foundation era, was taken out of order.

CONSENT CALENDAR

1. December 21, 2018, BACWA Executive Board Meeting Minutes – The approved minutes will be posted on the BACWA website.

2. November and December 2018 Treasurer's Reports and Financial Summary – A Financial Summary Report, along with Treasurer's Reports for November and December 2018, were included in the Packet. A copy of the FY18 Budget as of December 31, 2018, (50% 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 items 1 and 2: A motion to approve was made by Eileen White and seconded by Jacqueline Zipkin. The motion was approved unanimously.

APPROVALS & AUTHORIZATIONS

3. Approval: BACWA Policy on Contracting – A Board Action Request and Draft Policy were included in the Packet. The Executive Director gave an overview of the policy noting two changes from the previous draft policy.

Item 3. A motion to approve was made by Jacqueline Zipkin and seconded by Eileen White. The motion was approved unanimously.

OTHER BUSINESS-POLICY/STRATEGIC

Agenda **Item 4** – Discussion: Nutrients

a. Regulatory

- i. 2nd Administrative Draft Update – Provision language markup was included in the Packet along with a [LINK](#) to a Review of the 2nd Administrative Draft, a [LINK](#) to the Administrative Draft with Comments, a [LINK](#) to an Early Actors Template, and a [LINK](#) to Factors Impacting Nutrient Loads by 2024. The Executive Director gave an overview of the process to date, status of the 2nd Administrative Draft, and next steps. The scheduled Permit adoption date is May 8, 2019.
- ii. Optimization/Upgrade Brochure & Presentation Update – HDR Engineering gave a presentation that included an overview of the updated brochure. Following a few changes, the Board agreed that 1,000 copies of the brochure should be printed and distributed to member agencies. There was also an overview of the PowerPoint presentation and the Board made suggestions for changes. The presentation will be available to all member agencies on the BACWA website.
- iii. Science Plan Update to Regional Water Board Staff – A copy of the letter of transmittal and a [LINK](#) to a Science Plan update were included in the Packet. The Executive Director gave an overview.
- iv. UC Berkeley Publication on Decision-Making Strategy for Nutrients – A [LINK](#) to the Publication was included in the Packet. The Executive Director gave an overview and noted that several BACWA Members were interviewed for the publication.
- v. EPA Trading Policy – An EPA memorandum on nutrient trading, and email from FWQC were included in the Packet. The Executive Director gave an overview and noted that BACWA will continue to explore trading during the term of the 2nd Watershed Permit.

b. Governance Structure –

- i. Nutrient Management Strategy Planning Subcommittee Meeting #37 Debrief – The Agenda and Minutes from the meeting were included in the Packet. The Executive

Director gave an overview noting in particular that the USGS cruise will be terminating in summer 2019. The Science Manager continues to explore options for continuing the program. The Science Manger also continues to pursue collaborators for FY20 projects.

Agenda **Item 5** - Discussion: Regional Water Board Joint Meeting Debrief – A Draft Agenda was included in the Packet. The Regulatory Program Manager gave an overview of the meeting noting that the Water Board hopes to see agency contributions to a Pulse article on pollutant sources, and supports a study of background levels of bacteria to be used in calculating effluent bacteria limits. The RPM noted that the bacteria study would be agendized for the March Executive Board meeting.

Agenda **Item 6** - Discussion: NPDES Permit Compliance Report – The report submitted to the Water Board on January 23, 2019 was included in the Packet. The Executive Director gave an overview.

Agenda **Item 7** - Discussion: CASA Comments on and Edits to the Draft SWRCB Vulnerability Census – CASA's Comments on SWRCB's Proposed Census of the Wastewater Sector on Preparing for Climate Change Impacts was included in the Packet. The Executive Director gave an overview.

Agenda **Item 8** - Discussion: Regulatory Issues Matrix Updates – A [LINK](#) to the most recent Regulatory Issues Matrix was included in the Packet. The Executive Director noted its availability on the BACWA website. The Regulatory Program Manager will add one more update in the Spring for a total of three each year. A Board Member suggested adding the RMP Multiyear Plan to the Matrix.

Agenda **Item 9** - Discussion: Toxicity Meeting with State Water Board Staff – A Draft Agenda for the Wastewater Stakeholder Meeting on Proposed Toxicity Provisions held on February 7, 2019 was included in the Packet. The Regulatory Program Manager attended the meeting and noted that the issues discussed are listed. The POTW representatives will provide State Water Board staff will additional information, as requested, and schedule a followup meeting in April.

Agenda **Item 10** – Discussion: BACWA Pesticide Comment Letters – A [LINK](#) to three BACWA Comment Letters on Pesticides was included in the Packet.

OTHER BUSINESS-OPERATIONAL

Agenda **Item 11** – Discussion: BACWA 2019 Annual Meeting Debrief – The 2019 BACWA Annual Meeting Survey was included in the Packet. The Executive Director gave an overview and asked for Board input. The Board made several suggestions that staff will implement in 2020.

Agenda **Item 12** – Discussion: BACWA FY20 Draft Budget – A FY20 Proposed Budget Planning/Adoption Timeline and a DRAFT FY20 Budget were included in the Packet. The Executive Director gave an overview and asked the Board if they had any questions or comments. It was noted that after the 2nd Watershed Permit is adopted, and after the first annual report under the permit, the Nutrient Surcharge will switch from being based on TN to Inorganic Nitrogen, and from a Permit Year, to a Water Year (October 1st to September 30th) basis.

Agenda **Item 13** – Discussion: Future of ReNUWIt in the post-National Science Foundation era – Richard G. Luthy of the Engineering Research Center for Re-inventing the Nation’s Urban Water Infrastructure (ReNUWIt) at Stanford University, gave a presentation. It can be viewed [HERE](#). Mr. Luthy noted that ReNUWIt is in the eighth year of a ten year program funded by the National Science Foundation, and it is looking to continue its role by facilitating discussions about the Nation’s water future, and “One Water”. ReNUWIt is requesting BACWA’s participation in planning for the future.

Agenda **Item 14** – Discussion: Advanced Quantitative Precipitation Information (AQPI) Project Revisited – A [LINK](#) to the project was included in the Packet. The Executive Director gave an overview of the history and status. They currently have short term funding and they are working to establish a JPA for long term funding and are requesting non-financial BACWA support. They are looking for agency participation to support ongoing maintenance of the sensor installations. A coalition of water entities (stormwater, flood control, and drinking water agencies) is supporting the AQPI project. BACWA is willing to assist the coalition in expressing the value of the project to the Regional Water Board but would not be seeking any specific regulatory relief for wastewater agencies who may choose to participate in the project.

Agenda **Item 15** – Discussion: Association Comment Letters on Draft ELAP Regulations – A [LINK](#) to BACWA’s and four other Association Comments Letters was included in the Packet.

Agenda **Item 16** – Discussion: BACWA Representation to Coastal Hazards Adaptation Resiliency Group – An email announcing the launch of CHARG was included in the Packet. A Board Member gave an overview of the program and noted that it is primarily made up of flood control agencies. She currently serves on the Steering Committee and asked if BACWA would also like a seat on the Committee. She volunteered to also represent BACWA on the Steering Committee and the Board approved. Jacqueline Zipkin will serve as the BACWA Representative to CHARG.

Agenda **Item 17** – Discussion: BACWA Contribution to RMP Pulse Article – The Regulatory Program Manager gave an overview. BACWA will work with SFEI and the Regional Water Board to develop an article on pollutant sources.

Agenda **Item 18** – Discussion: BayCAN Meeting Debrief – The Agenda from the February 14,

2019 meeting was included in the Packet. The Executive Director and a Board Member gave a report on the meeting noting of particular interest was the presentation by the insurance industry and bond rating industry. Because of climate change there will be changes forth coming in both industries. Insurance will begin offering specialized policies for those communities impacted by climate change, similar to earthquake insurance, while bond rating companies will begin taking climate change preparedness into consideration when rating communities.

Agenda Item 19 – Discussion: Draft BACWA Policies: – Three Draft Policies were included in the Packet: Succession Planning, Category of Membership, and Budgeting. The Executive Director gave an overview of the policies and asked the Board for input. No changes were suggested.

Agenda Item 20 – Discussion: Sewer Survey Update – A [LINK](#) to the updated Survey data was included in the Packet. The Regulatory Program Manager reminded agencies that results are available on the BACWA website.

Agenda Item 21 - Discussion: 2020 BACWA Annual Meeting Date – The ED/AED gave the Board information about possible dates for the BACWA Annual Meeting in January 2020 and requested Board input. The Executive Board indicated it preferred January 10, 2020.

REPORTS

Agenda Item 22 – Committee Reports – BACWA Committee Reports were included in the Packet.

AIR Committee: No meeting. It was noted that an RFP will be issued for consultant support in FY20.

BAPPG Committee: A report from the February 6, 2019 meeting was included in the Packet. It was noted that one of the consultants providing services to the committee has dissolved as an organization, and therefore BAPPG will need to issue an RFP for support in FY20.

Biosolids Committee: No meeting.

Collections Committee: A report from the January 24, 2019 meeting was included in the Packet.

Lab Committee: No meeting.

Operations & Maintenance – InfoShare Group: A report from the January 23, 2019 meeting was included in the Packet.

Permits Committee: No meeting.

Pretreatment Committee: No meeting.

Recycled Water Committee: A report from the January 15, 2019 meeting was included in the Packet.

Agenda **Item 23** - 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 County: No report.

San Francisco: No report.

San Jose: Dealing with high flows due to the weather.

Delta Diablo: No report.

Palo Alto No report.

San Mateo: No report.

Fairfield/Suisun: No report.

Agenda **Item 24** - The **Executive Director's (ED) Report** for December 2018 and January 2019 along with the Board Calendar, and BACWA Action Items, were included in the Packet. It was noted that 70 of 72 action items from FY19 have been completed.

Agenda **Item 25** - The **Regulatory Program Manager (RPM) Report** for December 2018 and January 2019 was included in the Packet.

Agenda **Item 26 - 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 – A Draft Agenda for the January 25, 2019 meeting, along with a [LINK](#) to the Draft Strategic Plan, were included in the Packet. The Executive Director gave an overview.
- 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 – No report.
- h. **BAIRWMP:** Cheryl Munoz, Linda Hu, Dave Williams - A LINK to the January 28, 2019 IRWMP Coordinating Committee Meeting, along with a copy of the BAIRWM Round 1 (Prop 84) Draft Expenditure Summary were included in the Packet. The Executive Director noted that the biggest issue now is dealing with disadvantaged communities and that the AQPI effort is continuing.
- i. NACWA Emerging Contaminants: Karin North, Melody La Bella – No report

- j. **CASA State Legislative Committee:** Lori Schectel – The Chair noted that the last date for the California State Legislature to introduce bills is February 22, 2019. One that is expected is a new bill that will require the reduction of discharges to the ocean and Bay. CASA is also supporting legislation that would improve standards for the dispersibility of wipes. And there will like be legislation regarding microplastics and microfibers.
- 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.

Agenda **Item 27 - SUGGESTIONS FOR FUTURE AGENDA ITEMS.** None.

ANNOUNCEMENTS: A Tour of the Codiga Center followed the adjournment of the meeting. The next regular meeting of the Board is scheduled for **March 15, 2019 from 9:00 am to 12:30 pm at EBMUD, 2nd Floor Large Training Room, 375 11th Street, Oakland, CA.**

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 12:10 pm.



MONTHLY FINANCIAL SUMMARY REPORT January 2019

Fund Balances

In FY 19 BACWA has three operating funds (BACWA, Legal, and CBC) and two pass-through funds for which BACWA provides only contract administration services (WOT & Prop 84).

BACWA Fund: This fund provides the resources for BACWA staff, its committees, and other administrative needs. The ending fund balance on January 31, 2019 was \$1,472,707 which is significantly higher than the target reserve of \$191,875 which is intended to cover 3 months of normal operating expenses based on the BACWA FY19 Budget. \$290,501 of the ending fund balance is shown on the January Fund & Investments Balance Report as obligated to meet on-going operating line item expenses for BAPPG Committee Support, Legal services, IT services, Board meeting expenses, accounting services and BACWA staff support. This leaves an actual unobligated excess funds of \$990,332 (i.e. actual fund balance of \$1,182,207 less target reserves) as of January 31, 2019. As the details of what regulatory requirements will be included in the next Nutrient Watershed Permit, these excess funds may be transferred to the CBC fund and used to offset potential Nutrient Surcharge increases to the BACWA members.

CBC Fund: This fund provides the resources for completing special investigations as well as meeting regulatory requirements. The ending fund balance on January 31, 2019 was \$1,936,945 which is significantly higher than the target reserve of \$1,000,000 which was approved by the BACWA Executive Board on December 21, 2018. \$355,192 of the ending balance is obligated to meet line item expenses for completion of the Optimization/Upgrade Studies contract, the Chlorine Residual BPA work, and for technical support. This leaves an actual unobligated excess funds of \$581,753 (i.e. actual fund balance of \$1,581,753 less target reserves) as of January 31, 2019. Total Disbursements for FY19 from the CBC Fund include the Nutrient Voluntary Contribution of \$200,000 and the Nutrient Watershed Permit payment of \$880,000. In addition, an unscheduled advance payment of \$200,000 was made in December 2018 towards the FY20 Nutrient Watershed Permit requirement. As the details of what regulatory requirements will be included in the next Nutrient Watershed Permit, any excess CBC funds may be used to offset potential Nutrient Surcharge increases to the BACWA members.

Legal Fund: This fund provides for needed legal services. The ending balance was \$300,000 which is at the target reserve of \$300,000.

Budget To Actual

The BACWA Annual Budget includes all expected revenues as well as budgeted expenses. If needed, transfers can be made between the BACWA Fund and the CBC Fund in order to ensure adequate funds are available to complete all the work designated to be paid for by these two funds. It is important to achieve the anticipated revenues and not exceed the budgeted expenses on an annual basis in order to maintain the BACWA and CBC Fund balances at the levels projected in the 5 Year Plan.

Revenues as of January 31, 2019, 2018 (58% of the FY) are at 100.83% due primarily to timing of invoices, and to timing of interest received. The FY19 BACWA invoices were sent at the end of July 2018 and the end of August 2018.



MONTHLY FINANCIAL SUMMARY REPORT
January 2019

Overall Expenses as of January 31, 2019 (58% of the FY) are at 88% due to the timing of the Nutrient Surcharge contributions required by the Nutrient Watershed Permit, voluntary contributions to support additional science, and an advance payment for the FY20 Nutrient Surcharge contribution.

Those needing additional explanation (i.e. either 10% over or under budget) are:

Administration: This category is 33.22% expended at 58% of the FY due to the timing of invoices.

Communication: This category is 40% expended at 58% of the FY due primarily to timing of invoices.

Legal: This category is 9% expended at 58% of the FY due to little need for legal support to date.

Committees: This category is 38% expended at 58% of the FY due to timing of invoices.

Technical Support: This category is 105% expended at 58% of the FY due to the timing of the Nutrient Contributions.

NOTE: The Alternative Investment in the amount of \$300,000 purchased in December 2018 has been called in January 2019. It will be replaced in February, 2019.



BACWA
BAY AREA
CLEAN WATER
AGENCIES

58% of
Budget

<u>BACWA FY19 BUDGET</u>	<u>Line Item Description</u>	<u>FY 2019 Budget</u>	<u>Actuals Jan 2019</u>	<u>Actual % of Budget Jan 2019</u>	<u>Variance</u>	<u>NOTES</u>
REVENUES & FUNDING						
Dues	Principals' Contributions	\$496,837	\$496,835	100.00%	-\$2	FY19: 2% increase. (Diff due to rounding error)
	Associate & Affiliate Contributions	\$182,144	\$171,549	94.18%	-\$10,595	FY19: 2% increase. Assoc: \$8,090; Affiliate: \$1,600. 1 Coll Syst cancelled.
Fees	Clean Bay Collaborative	\$675,000	\$658,730	97.59%	-\$16,270	Prin: \$450,000; Assoc/Affil: \$225,000
	Nutrient Surcharge	\$800,000	\$779,522	97.44%	-\$20,478	Prin: \$533,335; Assoc/Affil: \$266,673
	Member Voluntary Nutrient Contributions	\$0	\$0		\$0	
Other Receipts	AIR Non-Member	\$6,800	\$6,800	100.00%	\$0	FY19: 5% increase (Santa Rosa)
	BAPPG Non-Members	\$3,800	\$3,801	100.03%	\$1	FY19: 2% increase (Sta Rosa, Sac Reg'l, Vacaville)
	Other	\$0	\$55,000		\$55,000	Biosolids & Climate Change Research in Agricultural Soils Project (Addl \$30k received in FY18)
Fund Transfer	Special Program Admin Fees	\$5,000	\$0	0.00%	-\$5,000	FY19: BACWWE increase in FY19 , may include Prop 84 Admin Fees for FY16, FY17, FY18, FY19 when closed out
Interest Income	LAIF	\$20,000	\$36,795	183.98%	\$16,795	BACWA, Legal, & CBC Funds invested in LAIF
	Higher Yield Investments	\$9,000	\$7,708	85.64%	-\$1,292	Alternative Investment Interest (Legal & CBC Funds invested in AltInv)
	Total Revenue	\$2,198,581	\$2,216,740	100.83%	\$18,159	
BACWA FY18 BUDGET						
	<u>Line Item Description</u>	<u>FY 2019 Budget</u>	<u>Actuals Jan 2019</u>	<u>Actual % of Budget Jan 2019</u>	<u>Variance</u>	<u>NOTES</u>
EXPENSES						
Labor						
	Executive Director	\$201,682	\$100,841	50.00%	-\$100,841	2.9% CPI (SF/Oakland/San Jose Metro Area Dec 2017)
	Assistant Executive Director	\$90,526	\$54,798	60.53%	-\$35,728	2.9% CPI (SF/Oakland/San Jose Metro Area Dec 2017)
	Regulatory Program Manager	\$119,815	\$68,581	57.24%	-\$51,234	2.9% CPI (SF/Oakland/San Jose Metro Area Dec 2017)
	Total	\$412,023	\$224,220	54.42%	-\$187,803	
Administration						
	EBMUD Financial Services	\$40,800	\$12,740	31.23%	-\$28,060	FY19: 2% increase
	Auditing Services (Maze)	\$6,426	-\$67	-1.04%	-\$6,493	FY19: \$6,300 Accrued from FY18 to FY19, less \$1,870, \$3,740 & \$623 paid for FY18
	Administrative Expenses	\$7,650	\$2,686	35.11%	-\$4,964	Travel, Supplies, Parking, Mileage, Tolls, Misc.
	Insurance	\$4,590	\$4,393	95.71%	-\$197	FY19: 2% increase
	Total	\$59,466	\$19,752	33.22%	-\$39,714	
Meetings						
	EB Meetings	\$2,550	\$845	33.14%	-\$1,705	FY19: 2% increase. Catering, Venue, other expenses
	Annual Meeting	\$10,200	\$9,413	92.28%	-\$787	FY19: 2% increase. Catering, Venue, other expenses. (Venue paid in full)
	Pardee	\$6,120	\$5,608	91.63%	-\$512	FY19: 2% increase. Catering, Venue, other expenses
	Misc. Meetings	\$5,100	\$4,679	91.75%	-\$421	FY19: 2% increase. Hol & Comm Chair Lunch, Staff Mtgs, Fin Comm, Summit Ptnrs, CASA, NACWA Tech WS, Low Flow WS
	Total	\$23,970	\$20,545	85.71%	-\$3,425	
Communication						
	Website Hosting (Computer Courage)	\$600	\$600	100%	\$0	
	File Storage (Box.net)	\$750	\$720	96%	-\$30	
	Website Development/Maintenance	\$1,500	\$0	0%	-\$1,500	Domains, website changes
	IT Support (As Needed)	\$2,600	\$315	12%	-\$2,285	
	Other Commun (MS, SM, Backup, PollEv)	\$1,500	\$1,143	76%	-\$357	MS Exchange, Survey Monkey, CrashPlanPro, Carbonite, Doodle Polls, PollEv
	Total	\$6,950	\$2,778	40%	-\$4,172	

FY 2019
BACWA BUDGET

EXPENSES						
Legal						
	Regulatory Support	\$2,601	\$195	7%	-\$2,406	FY19: 2% increase
	Executive Board Support	\$2,091	\$238	11%	-\$1,853	FY19: 2% increase
	Total	\$4,692	\$433	9%	-\$4,259	
Committees						
	AIR	\$51,000	\$22,382	44%	-\$28,618	Lunches included in budget but not in Carollo agreement
	BAPPG	\$100,000	\$59,420	59%	-\$40,580	Includes CPSC @ \$10,000 and Pest. Reg Spt. @ \$15,000
	Biosolids Committee	\$3,100	\$206	7%	-\$2,894	Includes WEF Conf
	Collections System	\$1,000	\$0	0%	-\$1,000	
	InfoShare Groups	\$1,200	\$404	34%	-\$796	funds for 2 workgroups (Asset Mgmt & O&M - Asset Mgmt on hiatus)
	Laboratory Committee	\$6,100	\$0	0%	-\$6,100	Includes Tech Conf. & training funds
	Permits Committee	\$1,000	\$556	56%	-\$444	
	Pretreatment	\$7,500	\$0	0%	-\$7,500	Includes training funds & Factsheet not expended in FY18
	Recycled Water Committee	\$1,000	\$0	0%	-\$1,000	
	Misc Committee Support	\$45,000	\$0	0%	-\$45,000	\$10,000 increase in FY19
	Manager's Roundtable	\$1,000	\$111	11%	-\$889	
	Total	\$217,900	\$83,079	38%	-\$134,821	
Collaboratives						
	Collaboratives					
	State of the Estuary (SFEP-biennial)	\$20,000	\$0	0%	-\$20,000	Biennial in Odd Fiscal Years. (Paid biennially in odd years for even year conference)
	Arleen Navarret Award	\$0	\$1,000		\$1,000	Biennial in Even Fiscal Years (FY18 Budgeted Amount paid in FY19)
	FWQC (Fred Andes)	\$7,500	\$7,500	100%	\$0	Dues unchanged in FY19
	Stanford ERC (ReNUWit)	\$10,000	\$10,000	100%	\$0	
	Misc	\$5,000	\$8,971	179%	\$3,971	BayCAN FY19 Annual Membership (\$1,500), Cerio Tox Whitepaper (\$6,796), SFEI ED Donation (\$100)
	Total	\$42,500	\$27,471	65%	-\$15,029	
Other						
	Unbudgeted Items					
	Other	\$0	\$85,000		\$85,000	Biosolids & Climate Change Research in Agricultural Soils Project (\$30k rec'd in FY18, \$55k rec'd in FY19)
		\$0	\$85,000		\$85,000	
Tech Support						
	Technical Support					
	Nutrients					
	Watershed	\$880,000	\$1,080,000	123%	\$200,000	Includes Adv Funding of FY20 payment. \$200k paid in Dec 2018
	NMS Voluntary Contributions	\$200,000	\$200,000	100%	\$0	
	Additional work under permit	\$100,000	\$12,132	12%	-\$87,868	Increased at Board's request (LimnoTech, HDR add'l SOW's in FY19 - 2 Amendments)
	Opt/Upgrade/Annual Reporting Studies	\$25,000	\$25,652	103%	\$652	FY19: Balance remaining on agreement at end of FY18 (Actual \$25,652.20)
	Member Voluntary Nutrient Contributions	\$0	\$0		\$0	
	Nutrient Workshop(s)	\$20,000	\$0	0%	-\$20,000	Pilot Studies/Plant Review/Innovative Technologies
	General Tech Support	\$51,000	\$27,272	53%	-\$23,728	FY19: 2% increase. EOA ChlResidBPA continues into FY19
	Risk Reduction	\$10,000	\$0	0%	-\$10,000	\$50,000 over 5 years (FY19-FY23) 2 Contracts for \$25,000 each over FY19, 20, & 21
	Total	\$1,286,000	\$1,345,056	105%	\$59,056	
	TOTAL EXPENSES	\$2,053,501	\$1,808,334	88%	-\$245,167	
	NET INCOME BEFORE TRANSFERS	\$145,080	\$408,406			
	TRANSFERS FROM RESERVES	\$0				
	NET INCOME AFTER TRANSFERS	\$145,080				




Bay Area Clean Water Agencies

A Joint Powers Public Agency

Leading the Way to Protect our Bay

March 5th, 2019

MEMO TO: Bay Area Clean Water Agencies Executive Board
MEMO FROM: Damien Charléty, Treasurer, East Bay Municipal Utility District 
SUBJECT: Seventh Month FY 2019 Treasurer's Report

As required by section eight of the Joint Powers Agreement establishing the Bay Area Clean Water Agencies (BACWA) and California Government Code Sections 6500 et seq., attached is the BACWA Treasurer's Report for the period covering **July 1, 2018 through January 31, 2019** (seven months of Fiscal Year 2019). This report covers expenditures, cash receipts, and cash transfers for the following BACWA funds:

- Bay Area Clean Water Agencies (BACWA),
- BACWA Legal Reserve Fund (Legal Rsrv),
- Water Quality Attainment Strategy (WQA CBC),
- Water/Wastewater Operator Training (WOT),
- Prop84 Bay Area Integrated Regional Water Mgmt (PRP84)

BACWA Fund Report as of January 31, 2019

BACWA FUND BALANCES - DATA PROVIDED BY ACCOUNTING DEPT.							
DEPTID	DESCRIPTION	FISCAL YEAR BEGINNING FUND BALANCE	TOTAL RECEIPTS TO-DATE	TOTAL DISBURSEMENTS TO-DATE	MONTH-ENDING FUND BALANCE	OUTSTANDING ENCUMBRANCES	MONTH-END UNOBLIGATED FUND BALANCE
800	BACWA	1,186,598	749,386	463,277	1,472,707	290,501	1,182,207
804	LEGAL RSRV	300,000	-	-	300,000	-	300,000
805	CBC	1,814,647	1,467,354	1,345,056	1,936,945	355,192	1,581,753
	SUBTOTAL 1	3,301,245	2,216,740	1,808,333	3,709,652	645,693	3,063,959
810	WOT	208,214	141,000	600	348,613	-	348,613
	SUBTOTAL 2	208,214	141,000	600	348,613	-	348,613
811	PRP84	117,907	330,736	330,736	117,907	-	117,907
	SUBTOTAL 3	117,907	330,736	330,736	117,907	-	117,907
	GRAND TOTAL	3,627,367	2,688,476	2,139,670	4,176,173	645,693	3,530,480

Top Chart: Reflects CASH on the Books Includes Encumbrances
Bottom Chart: Reflects CASH in the Bank Includes Payables (bills received but not paid)
Allocations: Priority for non-liquid investments

BACWA INVESTMENTS BALANCES - DATA PROVIDED BY TREASURY DEPT.													
DEPTID	DESCRIPTION	FISCAL YEAR BEGINNING FUND BALANCE	TOTAL RECEIPTS TO-DATE	TOTAL DISBURSEMENTS TO-DATE	MONTH-ENDING FUND BALANCE	RECONCILIATION TO FINANCIAL STATEMENTS	MONTH-END RECONCILED FUND BALANCE	UNINVESTED CASH BALANCES	LAIF INVESTMENTS AMOUNTS	LAIF INVESTMENTS PERCENTAGE	ALTERNATIVE INVESTMENTS AMOUNTS	ALTERNATIVE INVESTMENTS IDENTIFIERS	ALTERNATIVE INVESTMENT INSTRUCTIONS AND NOTES
800	BACWA	1,186,598	749,386	463,277	1,472,707	75,354	1,548,061	922,406	625,655	28%	-		priority # 3 for allocation
804	LEGAL RSRV	300,000	-	-	300,000	-	300,000	-	-	0%	300,000	AR5	priority # 1 for allocation
805	CBC	1,814,647	1,467,354	1,345,056	1,936,945	-	1,936,945	-	1,636,945	72%	300,000	ME2	priority # 2 for allocation
	SUBTOTAL 1	3,301,245	2,216,740	1,808,333	3,709,652	75,354	3,785,006	922,406	2,262,600	100%	600,000		
810	WOT	208,214	141,000	600	348,613	-	348,613	348,613	-	0%	-		pass-through funds, no allocation
	SUBTOTAL 2	208,214	141,000	600	348,613	-	348,613	348,613	-	0%	-		
811	PRP84	117,907	330,736	330,736	117,907	-	117,907	117,907	-	0%	-		pass-through funds, no allocation
815	PRP50	-	-	-	-	-	-	-	-	0%	-		pass-through funds, no allocation
	SUBTOTAL 3	117,907	330,736	330,736	117,907	-	117,907	117,907	-	0%	-		
	GRAND TOTAL	3,627,367	2,688,476	2,139,670	4,176,173	75,354	4,251,526	1,388,926	2,262,600		600,000		

Reconciliation to Trial Balance - accrual basis

Per Report above:

General	2,216,740
WOT	141,000
PROP	330,736
subtotal	2,688,476

Billings-Pending Receipts

4686	Mem Contrib	31,020
4687	Transfer	-
4690	Assoc Contrib	11,486
4696	Other	(34,524)
4731	State Grant	-
4732	Grant Retention	36,748
subtotal		44,730

Trial Balance Revenue Accounts

4411	Interest	(44,503)
4686	Mem Contrib	(1,327,585)
4687	Transfer	-
4690	Assoc Contrib	(183,035)
4696	Other	(810,599)
4731	State Grant	(330,736)
4732	Grant Retention	(36,748)
subtotal		(2,733,207)
Difference		-

BACWA Revenue Report as of January 31, 2019

FUND #	DEPARTMENT	JOB	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
					Admin & General	Contributons	Interest, Transfers, Others	Admin & General	Contributons	Interest, Transfers, Others	ACTUAL	
800	BACWA	0408511	Administrative & General	-	-	-	-	-	-	-	-	-
800	BACWA	1011099	BDO Member Contributions	496,837	-	-	-	-	496,835	-	496,835	2
800	BACWA	1011108	BDO Other Receipts	-	-	-	-	-	-	-	-	-
800	BACWA	1011109	BDO Fund Transfers	5,000	-	-	-	-	-	-	-	5,000
800	BACWA	1011117	BDO- Interest Income from LAIF	20,000	-	-	4,148	-	-	13,601	13,601	6,399
800	Bay Area Clean \	1011133	BDO Assoc.&Affiliate Contr	182,144	-	1,643	-	-	171,549	-	171,549	10,595
800	Bay Area Clean \	1014251	BDO Non-Member Contr BAPPG	3,800	-	-	-	-	3,801	-	3,801	(1)
800	BACWA	1014252	BDO Non-Member Contr AIR	6,800	-	-	-	-	6,800	-	6,800	-
800	BACWA	1014511	BDO-Alternative Investment Inc	9,000	-	-	-	1,800	-	-	1,800	7,200
800	BACWA	1015005	Biosolids&ClimateRsch-Otr Rcpts	-	-	-	-	-	55,000	-	55,000	(55,000)
BACWA TOTAL				723,581	-	1,643	4,148	1,800	733,985	13,601	749,386	(25,805)
805	Clean Bay Collat	1011099	BDO Member Contributions	675,000	-	750	-	-	658,730	-	658,730	16,270
805	Clean Bay Collat	1011108	BDO Other Receipts	800,000	-	-	-	-	779,522	-	779,522	20,478
805	Clean Bay Collabr	1014511	BDO-Alternative Investment Inc	-	2,000	-	-	5,908	-	-	5,908	(5,908)
805	WQA-CBC	1011117	BDO- Interest Income from LAIF	-	-	-	9,527	-	-	23,194	23,194	(23,194)
805	WQA-CBC	1014528	BDO-Voluntary Nutrient Contrib	-	-	-	-	-	-	-	-	-
WQA CBC TOTAL				1,475,000	2,000	750	9,527	5,908	1,438,252	23,194	1,467,354	7,646
TOTAL				2,198,581	2,000	2,393	13,675	7,708	2,172,237	36,795	2,216,740	(18,159)

	DEPARTMENT	JOB	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
					Admin & General	Contributons	Interest, Transfers, Others	Admin & General	Contributons	Interest, Transfers, Others	ACTUAL	
810	WOT - Wtr/Wwtr	1011099	BDO Member Contributions	-	-	3,000	-	-	141,000	-	141,000	(141,000)
810	WOT	1011108	BDO Other Receipts	-	-	-	-	-	-	-	-	-
810	WOT	1011117	BDO- Interest Income from LAIF	-	-	-	-	-	-	-	-	-
WOT TOTAL				-	-	3,000	-	-	141,000	-	141,000	(141,000)

	DEPARTMENT	JOB	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
					Admin & General	Contributons	Interest, Transfers, Others	Admin & General	Contributons	Interest, Transfers, Others	ACTUAL	
811	PROP 84			-	-	-	-	-	330,736	-	330,736	(330,736)
PROP TOTAL				-	-	-	-	-	330,736	-	330,736	(330,736)

Grand Total				2,198,581	2,000	5,393	13,675	7,708	2,643,973	36,795	2,688,476	(489,895)
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BACWA Expense Detail Report as of January 31, 2019

EXPENSE TYPE	JOB	AMENDED BUDGET	CURRENT PERIOD				YEAR TO DATE				OBLIGATED	UNOBLIGATED
			ENC	PV	DA	JV	ENC	PV	DA	JV		
LABOR												
AS-Executive Director	1011123	201,682	-	-	-	-	100,841	100,841	-	-	201,682	-
AS-Assistant Executive Directo	1011124	90,526	(8,162)	8,162	-	-	35,728	54,798	-	-	90,526	-
AS-Regulatory Program Manager	1011149	119,815	(19,505)	19,505	-	-	51,234	68,581	-	-	119,815	-
ADMINISTRATION												
AS-EBMUD Financial Services	1011125	40,800	(6,126)	6,126	-	-	28,060	12,740	-	-	40,800	-
AS-Audit Services	1014512	6,426	-	-	-	-	-	1,870	4,363	(6,300)	(67)	6,493
AS-BACWA Admin Expense	1011118	7,650	-	-	250	-	-	-	2,686	-	2,686	4,964
AS-Insurance	1011126	4,590	-	-	-	-	-	-	4,393	-	4,393	197
MEETINGS												
GBS-Meeting Support-Exec Bd	1014513	2,550	(112)	112	-	-	2,201	349	496	-	3,046	(496)
GBS-Meeting Support-Annual	1014514	10,200	-	-	-	-	-	-	9,413	-	9,413	787
GBS-Meeting Support-Pardee	1014515	6,120	-	-	-	-	-	-	5,608	-	5,608	512
GBS-Meeting Support-Misc	1014516	5,100	-	-	595	-	-	-	4,679	-	4,679	421
GBS- Meeting Support	1011122	-	-	-	-	-	-	-	-	-	-	-
COMMUNICATION												
CAR-BACWA Website Hosting	1014517	750	-	-	-	-	-	-	600	-	600	150
CAR-BACWA File Storage	1014518	1,500	-	-	-	-	-	-	720	-	720	780
CAR-BACWA IT Support	1014519	2,600	(135)	135	-	-	2,285	315	-	-	2,600	-
CAR-BACWA IT Software	1014520	1,500	-	-	117	-	-	-	1,143	-	1,143	357
CAR-BACWA Website Dev/Maint	1011116	600	-	-	-	-	-	-	-	-	-	600
LEGAL												
LS-Regulatory Support	1011107	2,601	(195)	195	-	-	2,406	195	-	-	2,601	-
LS-Executive Board Support	1011110	2,091	(238)	238	-	-	1,854	238	-	-	2,091	-
COMMITTEES												
AIR-Air Issues&Regulation Grp	1014253	51,000	(6,080)	6,080	119	-	28,400	21,600	782	-	50,782	218
BC-BAPPG	1011147	100,000	(6,415)	6,415	-	-	37,492	38,508	20,912	-	96,912	3,088
BC-Biosolids Committee	1011101	3,100	-	-	-	-	-	-	206	-	206	2,894
BC-Collections System	1011097	1,000	-	-	-	-	-	-	-	-	-	1,000
BC-InfoShare Groups	1011102	1,200	-	-	231	-	-	-	404	-	404	796
BC-Laboratory Committee	1011103	6,100	-	-	-	-	-	-	-	-	-	6,100
BC-Permit Committee	1011098	1,000	-	-	-	-	-	-	556	-	556	444
BC-Pretreatment Committee	1011146	7,500	-	-	-	-	-	-	-	-	-	7,500
BC-Water Recycling Committee	1011100	1,000	-	-	-	-	-	-	-	-	-	1,000
BC-Manager's Roundtable	1014777	1,000	-	-	-	-	-	-	111	-	111	889
BC-Miscellaneous Committee Sup	1011104	45,000	-	-	-	-	-	-	-	-	-	45,000
COLLABORATIVES												
CAS-Arleen Navaret Award	1012201	-	-	-	-	-	-	-	1,000	-	1,000	(1,000)
CAS-FWQC	1012202	7,500	-	-	7,500	-	-	-	7,500	-	7,500	-
CAS-Stanford ERC	1011969	10,000	-	-	10,000	-	-	-	10,000	-	10,000	-
CAS-CWCCG	1011148	-	-	-	-	-	-	-	-	-	-	-
CAS-PSSEP	1011112	20,000	-	-	-	-	-	-	-	-	-	20,000
CAS-Misc Collaborative Sup	1014521	5,000	-	-	575	-	-	-	8,971	-	8,971	(3,971)
BDO-Contract Expenses (PHARM)												
BDO-Contract Expenses (PHARM)	1014551	-	-	-	-	-	-	-	-	-	-	-
BIOSOLIDS & CLIMATE RESEARCH												
Biosolids&ClimateRsch-OtrRcpts	1015005	-	-	-	-	-	-	-	-	-	-	-
Biosolids&ClimateRsch-CntctExp	1015006	-	-	-	-	-	-	-	85,000	-	85,000	(85,000)
BACWA TOTAL												
		767,501	(46,968)	46,968	19,387	-	290,501	300,035	169,543	(6,300)	753,778	13,723
TECH SUPPORT												
WQA-CE Addl Work Under Permit	1014254	100,000	220,000	5,000	-	-	304,279	12,132	-	-	316,410	(216,410)
WQA-CE-Technical Support	1011127	51,000	-	-	-	-	50,914	27,272	-	-	78,186	(27,186)
WQA-CE CASA Chem of Concern	1011128	-	-	-	-	-	-	-	-	-	-	-
WQA-CE Opt-Upgrade Studies	1014255	25,000	(4,000)	4,000	-	-	-	25,652	-	-	25,652	(652)
WQA-CE Risk Reduction	1014023	10,000	-	-	-	-	-	-	-	-	-	10,000
WQA-CE-Nutrient WS Permit Comm	1014021	880,000	-	-	-	-	-	-	1,080,000	-	1,080,000	(200,000)
WQA-CE-Program Mgmt	1011131	-	-	-	-	-	-	-	-	-	-	-
WQA-CE Voluntary Nutr Contrib	1014529	200,000	-	-	-	-	-	-	200,000	-	200,000	-
Member Voluntary Nutrient Cont	1015014	-	-	-	-	-	-	-	-	-	-	-
Nutrient Workshops	1015015	20,000	-	-	-	-	-	-	-	-	-	20,000
TECH SUPPORT (CBC) TOTAL												
		1,286,000	216,000	9,000	-	-	355,193	65,056	1,280,000	-	1,700,248	(414,248)
GRAND TOTAL												
		2,053,501	169,032	55,968	19,387	-	645,694	365,091	1,449,543	(6,300)	2,454,026	(400,525)
WOT												
Administrative Support	1011142	-	-	-	-	-	-	-	-	-	-	-
BDO Contract Expenses	1011143	-	-	-	-	-	-	-	600	-	600	(600)
		-	-	-	-	-	-	-	600	-	600	(600)
GRAND TOTAL (BDO, CBC, WOT)												
		2,053,501	169,032	55,968	19,387	-	645,694	365,091	1,450,143	(6,300)	2,454,626	(401,125)

Proposition 84 Revenue Report as of January 31, 2019

DEPTID	DEPARTMENT	JOB	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
					Admin & General	Contributons	Interest, Transfers,Ot hers	Admin & General	Contributons	Interest, Transfers,O thers	ACTUAL	
811	Prop84BayAreaIntegRegnlWtrMgmt	1011117	BDO- Interest Income from LAIF	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1011142	Administrative Support	-	-	-	-	-	9,755	-	9,755	(9,755)
811	Prop84BayAreaIntegRegnlWtrMgmt	1011691	Water Efficient Landscape Reba	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1011705	Regional Green Infrastructure	-	-	-	-	-	194,925	-	194,925	(194,925)
811	Prop84BayAreaIntegRegnlWtrMgmt	1011706	Hacienda Ave Green St Improvem	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1011707	WQ Improve Flood Mgmt & EP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1011911	Stream Restoration w/Schools i	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012209	Water Efficient LRP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012210	Bay Friendly Landscape TP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012211	Weather Based Irrigation Cntrl	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012212	High Efficiency Toilet & UR	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012213	High Efficiency Toilet & UI	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012214	High Efficiency Clothes Washrs	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012215	Napa Co. Rainwater HP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012216	Conservation Program Admin	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012218	Stream Restoration in North BD	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012219	Flood Infrastructure Mapping T	-	-	-	-	-	102,404	-	102,404	(102,404)
811	Prop84BayAreaIntegRegnlWtrMgmt	1012220	Stormwater Improvements & PBP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012221	Richmond Shoreline & San PFP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012222	Pescadero Integrated FRAH	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012223	Restoration Guidance, San FC	-	-	-	-	-	14,657	-	14,657	(14,657)
811	Prop84BayAreaIntegRegnlWtrMgmt	1012224	SF Estuary Steelhead MP	-	-	-	-	-	-	-	-	-
811	Prop84BayAreaIntegRegnlWtrMgmt	1012225	Watershed Program Admnstrtn	-	-	-	-	-	8,995	-	8,995	(8,995)
PROP 84 TOTAL				-	-	-	-	-	330,736	-	330,736	(330,736)

Proposition 84 Expense Detail Report as of January 31, 2019

DEPTID	DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD				YEAR TO DATE				OBLIGATED	UNOBLIGATED
				ENC	PV	DA	JV	ENC	PV	DA	JV		
811	Prop84BayArealIntegRegnlWtrMgmt	BDO Fund Transfers	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Administrative Support	-	-	-	-	-	-	-	9,755	-	9,755	(9,755)
811	Prop84BayArealIntegRegnlWtrMgmt	BDO Contract Expenses	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	-	-	194,925	-	194,925	(194,925)
811	Prop84BayArealIntegRegnlWtrMgmt	Hacienda Ave Green St Improvem	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Water Efficient LRP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	High Efficiency Toilet & UR	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	High Efficiency Toilet & UI	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	High Efficiency Clothes Washrs	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Conservation Program Admin	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	-	-	102,404	-	102,404	(102,404)
811	Prop84BayArealIntegRegnlWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Richmond Shoreline & San PFP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Pescadero Integrated FRAH	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Restoration Guidance, San FC	-	-	-	-	-	-	-	14,657	-	14,657	(14,657)
811	Prop84BayArealIntegRegnlWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Stream Restoration in North BD	-	-	-	-	-	-	-	-	-	-	-
811	Prop84BayArealIntegRegnlWtrMgmt	Watershed Program Admnstrtn	-	-	-	-	-	-	-	8,995	-	8,995	(8,995)
PRP84 TOTAL			-	-	-	-	-	-	-	330,736	-	330,736	(330,736)



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 3
FILE NO.: 19-33
MEETING DATE: March 15, 2019

TITLE: Request for Board Approval of BACWA Policies: BAP 1.06 Succession Planning; BFP 2.01 Class of Membership; and BFP 2.05 Budgeting

☐ RECEIPT ☐ DISCUSSION ☐ RESOLUTION ☒ APPROVAL

RECOMMENDED ACTION

Approve the following BACWA Policies: BAP 1.06 Succession Planning; BFP 2.01 Class of Membership; and BFP 2.05 Budgeting.

SUMMARY:

Board Policies provide direction to the organization on key administrative and financial issues. The Succession Planning Policy will help ensure that there are no gaps in leadership and the transition of leaders is done in an orderly fashion. The Class of Membership Policy clarifies what are the various types of members and aligns those designations with the BACWA JPA. The Budgeting Policy sets forth the approach and timing for annual budget adoption and clarifies how the budgeting process is aligned with the BACWA JPA.

The three policies were reviewed in draft form at the February 2019 Board meeting and any comments have been incorporated into the final versions which are recommended for adoption.

FISCAL IMPACT

No fiscal impact to BACWA.

ALTERNATIVES

This action does not require consideration of alternatives.

Attachment; BACWA Policies: BAP 1.06 Succession Planning; BFP 2.01 Class of Membership; and BFP 2.05 Budgeting.

Approved:

Date: March 15, 2019

Lori Schectel, Chair
BACWA Executive Board



POLICY NUMBER: BAP – 1.06

NAME OF POLICY: Succession Planning

LAST REVISED:

PREVIOUSLY LAST REVISED:

PURPOSE: To ensure that planning is conducted to provide for the identification and succession of future leadership of the organization and to assist in identifying key individuals who should be consulted on issues as they arise.

POLICY: At all times BACWA shall have a Succession Plan in place that identifies the succession of leaders within the organization. At a minimum the Plan shall have three categories of leadership: Principal representatives, Committee leadership, and Other Representatives. The Plan for Principal representatives shall list the current Signatory Agency designated Executive Board member and their alternates as well as the Chair and Vice-Chair. The Committee Plan shall list the Committee Chair and Vice Chair or Co-Chair. The Other Representative Plan shall list the representatives for the variety of activities and initiatives in which BACWA is engaged.

Generally, the Executive Board Chair and Vice-Chair and Committee leaders will serve for a term of one year however longer terms can be approved with concurrence of the respective Board or Committee. Upon completion of a term, the Executive Board Chair will generally be replaced by the Vice-Chair while the Committee Chair will generally be replaced by the Vice-Chair or Co-Chair. Other Representatives generally serve for the duration of the activity or initiative for which they are the BACWA liaison.

At a minimum the Succession Plan shall be reviewed and updated annually as part of the budgeting process. More frequent updates are recommended as leadership positions change. These can be formally presented to the Executive committee or noted by the Executive Director in routine reporting.



POLICY NUMBER: BFP – 2.01

NAME OF POLICY: Category of Membership

LAST REVISED:

PREVIOUSLY LAST REVISED:

PURPOSE: Establish various categories of membership in BACWA under the authority of the Joint Powers Agreement which specifies two general types of member: Signatory Agencies (known as Principals and who comprise the Executive Board) and Associate Members

POLICY: In Its mission to represent all wastewater public agencies on regulatory issues in the San Francisco Bay Area, BACWA will provide various categories of Associate membership under the authority set forth in the Joint Powers Agreement. All members will contribute to the operation of BACWA by paying dues and fees that are established by the Executive Board. The categories of Associate membership are as follows:

Category 1: Associate Member (greater than or equal to 10 mgd treatment plant permitted design capacity)

Category 2: Affiliate Associate Member (less than 10 mgd treatment plant permitted design capacity)

Category 3: Affiliate Collection-Only Associate Member (separate public agency having only a collection system which discharges to a regional treatment plant)

Recognizing that other public agencies outside the Bay Area regulatory jurisdictions may desire to participate in some of BACWA's activities and committees, BACWA will allow participation of non-members, on a case-by-case basis, who pay fees established by the Executive Board. Note: this Policy is supported by BACWA Resolution No. R-19-01.



POLICY NUMBER: BFP – 2.05

NAME OF POLICY: Budgeting

LAST REVISED:

PREVIOUSLY LAST REVISED:

PURPOSE: To ensure that the approach and timing for preparation of the annual BACWA budget conforms to requirement set forth in the Joint Powers Agreement (JPA) while providing the Executive Board the needed financial resources for executing the fiscal year workplan.

POLICY: Each year BACWA shall develop a line item budget that incorporates the JPA requirement for budgeting for on-going operations (Part A); programs of general benefit (Part B); and programs of special benefit (Part C). The budget shall list all revenues and expenditures and be balanced. Balancing may be achieved by transferring from Reserves whenever expenditures exceed revenues.

On-going operations consist of yearly activities that promote completion of the mission of BACWA (e.g. committee activities, Executive Board meetings and activities, communications, contracts in support of administrative and on-going regulatory activities, etc.). Programs of general benefit consist of special activities that provide benefit to the wastewater community in the Bay Area (e.g. watershed permit compliance, special studies in support of developing regulations or regulatory compliance, etc.). Programs of special benefit consist of supporting activities and initiatives that benefit a subset of the BACWA membership who then participate in the funding for those activities or initiatives (e.g. special training, special education or regulatory compliance efforts, etc.).

The annual budget shall be prepared and reviewed by a subset (Finance Committee) of the Executive Board and subsequently presented in draft form to the entire Executive Board for review and modification.

A schedule for budget adoption shall be presented to the Executive Board which provides for adoption before the end of the fiscal year to allow adequate time for Associate Members to incorporate BACWA dues and fees into their own individual budgeting processes.



BACWA CHAIR AUTHORIZATION REQUEST

AGENDA NO.: 4

FILE NO.: 19-34

MEETING DATE: March 15, 2019

TITLE: Request for BACWA Executive Board Chair Approval to Execute Agreement with Keough Consulting to Provide Support for BAPPG's FY19 Priority Pollutant Campaigns

☐ RECEIPT ☐ DISCUSSION ☐ RESOLUTION ☒ APPROVAL

RECOMMENDED ACTION

Authorize the execution of an agreement with Keough Consulting to provide outreach and media support for priority pollutant campaigns in an amount not to exceed \$6,440 for FY19.

SUMMARY

With the bankruptcy filing of O'Rorke, Inc., work that was previously approved for completion by O'Rorke, Inc. during FY19 will not be completed by them. The BAPPG Committee has determined that the most efficient and effective way to complete this work is to contract with Keough Consulting for the remainder of FY19. Tracy Keough, the Principal at Keough Consulting previously was an employee at O'Rorke, Inc., and has extensive experience working with BAPPG. This agreement will provide support for Task 1 - Toilets Aren't Trashcans and for Task 2 – Pesticides Media Development and Purchase for the Bay Area Pollution Prevention Group (BAPPG). The consultant will support BAPPG Project Leads in executing effective outreach messages and search for new opportunities to inspire behavior change in target groups that will result in reduced pollutant discharges to the wastewater stream in the Bay Area.

Outreach and media efforts will be carried out under the supervision of the project manager Robert C. Wilson with the City of Petaluma.

FISCAL IMPACT

Funds are available for this agreement and have been allocated for this project within the BAPPG FY19 budget approved on April 20, 2018.

ALTERNATIVES

1. Do not complete this work. This alternative is not recommended since this work was included in BAPPG's approved FY19 budget and will assist BACWA/BAPPG with executing effective outreach messages and search for new opportunities to inspire behavior change in target groups.
2. Select another consultant to conduct the work. This alternative is not recommended since BACWA conducted a competitive process which resulted in O'Rorke being selected as the most qualified media consultant and Keough Consulting is best suited to complete this work.

Attachments: FY19 Agreement with Keough Consulting
Scope of Work Task 1 & Task 3

Approved: _____
Lori Schectel, Chair,
BACWA Executive Board

Date: March 11, 2019

BAY AREA CLEAN WATER AGENCIES

CONSULTING AGREEMENT

TO: Tracy Keough
Keough Consulting
5424 Sunol Blvd., Suite 10-187
Pleasanton, CA 94566
tracy@keoughconsulting.com
650-207-4093

FROM: David Williams, Executive Director
BACWA
PO Box 24055, MS702
Oakland, CA 94623
dwilliams@bacwa.org
Phone: 925-765-9616
FAX: (510) 287-1351

RE: BACWA Agreement for FY19 BAPPG, Outreach and Media Support for Priority Pollutant Campaigns.

This Agreement covers professional services to be performed by Keough Consulting in order to implement the remaining projects for the FY19 BAPPG Outreach and Media Support for Priority Pollutant Campaigns. This work is described in the attached two Scopes of Work and under the direction of Robert C. Wilson of the City of Petaluma. The total cost of professional services to be performed by Keough Consulting is not to exceed \$6,440.00. This contract will be funded by the BACWA Budget under the BAPPG Committee line item.

This agreement may be extended for up to four additional one-year terms upon approval of the BACWA Executive Board and an amendment to this agreement.

This Agreement may be terminated by either party at any time for convenience with 30-day notice. In the event of termination by BACWA, BACWA shall pay Keough Consulting for professional and competent services rendered to the date of termination upon delivery of assigned work products to the BACWA.


Keough Consulting shall submit invoices to the BACWA Assistant Executive Director via e-mail. Invoices shall indicate hours associated with each task. EBMUD will pay Keough Consulting within thirty (30) days of receipt and approval of satisfactory Keough Consulting invoices.

E-mail: shulll@bacwa.org

Attachments: Keough Consulting Task 1 SOW, and Keough Consulting Task 3 SOW

Approved:

By _____
Lori Schectel
Chair, BACWA Executive Board

By  _____
Tracy Keough
Keough Consulting

Date: March 11, 2019

Date: March 11, 2019

BACWA EIN: 94-3389334
Keough Consulting EIN: 83-3337764

KEOUGH CONSULTING PROJECT SCOPE

February 25, 2019

OVERVIEW

1. Project Background and Description

- i** As part of BAPPG's FY 2018/19 Task 1 -Toilets Aren't Trashcans, Keough Consulting will re-run the regional online advertising campaign launched last fall to remind residents throughout the Bay Area about the importance of never flushing wipes and other items down the toilet. This campaign will utilize existing artwork. KC will negotiate and place ads, monitor the campaign progress and report on final results. KC will also monitor traffic to Baywise.org before, during and after the campaign.

2. Outreach Methods

- i** KC recommends booking mobile ads through Division D, an online advertising network. This buy, geo-targeted to the SF DMA, would last one week. Ads would reach users who surf the web or use mobile apps on their mobile devices. Delivery estimates below (confirmed once booked).

- 585,000 impressions, including 50,000 bonus impressions
- Online ad sizes: 300x600, 728x90, 320x50 and 300x250

3. High-Level Requirements

- i** KC will run a mix of online ads discouraging residents from flushing a variety of pollutant items down the toilet. Examples appear below.



4. Timing

i KC recommends running the ads in mid-March before spring vacation breaks take place.

5. Budget

i Budget not to exceed below.

TASKS	BUDGET
Task 1 – Project Management	\$360
Task 1 – Division D ad buy	\$2,000

KEOUGH CONSULTING

PROJECT SCOPE FOR FLEA & TICK OUTREACH

March 4, 2019

OVERVIEW

1. Project Background and Description

- i** For BAPPG's FY 2018/19 Task 3 - Pesticides, Keough Consulting will coordinate with BAPPG's pesticides technical advisor to develop creative and launch an online campaign using developed messages to educate pet caregivers throughout the Bay Area about the health impacts of topical flea and tick treatments and encourage them to choose chewable alternatives. This campaign will require new artwork. KC will produce, negotiate and place ads, monitor the campaign progress and report on final results. KC will also monitor traffic to Baywise.org before, during and after the campaign.

2. Outreach Methods

- i** KC recommends booking mobile ads through Division D, a proven online ad-serving network. This buy, geo-targeted to the SF DMA, would last two weeks. Delivery estimates below (confirmed once booked).
- 731,250 impressions, including 75,000 bonus impressions
 - Online ad sizes: 300x600, 728x90, 320x50 and 300x250

3. Timing

- i** KC recommends running the ads in late April/early May

4. Budget

- i** Budget not to exceed \$4,140

TASKS	BUDGET
Task 1 – Creative Development and Project Management	\$1,070
Task 1 – Division D ad buy	\$3,070

DRAFT Scope of Work Regional Recycling Study

- 1. Combined Scoping Plan and Evaluation Plan Scoping Plan (by 12/1/19, per permit):**
 - a. Describe all treatment plants, treatment plant processes, and service area. Rely on Watershed Permit #1 scoping language as a template.
 - b. Identify opportunities for potential wastewater recycling (e.g., for irrigation).
 - i. Review info from the first Permit efforts, issue a new RFI for information updates with a stronger emphasis on the likelihood of implementation and the understanding that this info will be used for the 2nd Watershed Permit Submittal. Use RFI submittals from the Watershed Permit #1 for language.
 - ii. Acquire existing Master Plans and other relevant documents from agencies.
 - c. Identify agencies for whom recycled water is infeasible, or is already maximized, who will not be included in the Study
- 2. Evaluation Plan (by 7/1/20, per permit, but to be submitted with Scoping plan, above)**

Evaluation would include:

 - a. Build on Watershed Permit #1 evaluation language as a template
 - b. Explain the RFI on Recycled Water and what that includes
 - c. Describe the Master Plans and other materials available for basis of information
 - d. Explain the basis for load reduction calculations
 - e. List examples of adverse/ancillary impacts and adapt language from Watershed Permit #1 Evaluation Plan.
 - f. Present Scoping and Evaluation Plan to the Regional Board
- 3. Analysis:**
 - a. Briefly Review master plan concepts (Did they identify treatment needs or just pipelines/distribution?)
 - b. Meet with plant/agency staff as needed to understand their RW Master Plan
 - c. Summarize recycled water plans, level of certainty, and associated nutrient loads
- 4. Reports (similar organization as the Nutrient Reduction Report):**
 - a. Individual Plant Summaries
 - i. Existing RW flows and nutrient loads removed
 - ii. Findings:
 - (a) Summary of the RW concepts, and potential future flows and nutrient loads removed
 - (b) Distribution map
 - (c) Summary of existing cost estimates from master plans, converted to dollars per gallon
 - (d) Identification of potential challenges to implementing identified projects
 - b. Overall summary
 - i. Summary of current recycled water flows and nutrient loads removed
 - ii. Summary of future recycled water flows and nutrient loads removed, with level of certainty

- iii. Summary and analysis of ancillary adverse effects and ancillary benefits from types of projects (e.g., reduction of natural water resource diversion, reduction of potable water demand, or reduction of chemical fertilizer reliance);
- iv. Summary of the feasibility, efficacy, reliability, and cost-effectiveness of types of recycled water projects to reduce nutrient loads
- v. Summary of potential challenges to implementing opportunities (e.g., financing, regulatory barriers).

5. Bimonthly updates to BACWA Recycled Water Committee

6. Presentation of Findings to the Water Board, including annual progress updates

7. Project Management (PM time)

San Francisco Bay Nutrient Management Strategy (NMS)
Steering Committee Meeting # 20
March 8, 2019
Meeting Summary

Steering Committee Attendees

Organization	First	Last	Role	Present	Comments
BASMAA	Adam	Olivieri	Member		
	Tom	Hall	Alternate	x	
	Matt	Fabry	Alternate		
	Geoff	Brosseau	Alternate		
BACWA	Eileen	White	Member	x	
	Lori	Schectel	Alternate	x	
	Eric	Dunlavey	Member	x	
	Jackie	Zipkin	Alternate	x	
Cal DFW	Becky	Ota	Member		
	Bill	Paznokas	Alternate		
Delta Stewardship Council	Rainer	Hoenicke	Alternate		
Napa County Farm Bureau	Jeff	Page	Member		
U.S. Geological Survey	Joe	Holomuzki	Member		
NOAA Fisheries	Joe	Dillon	Member	x	
	Melanie	Harrison	Alternate		
Regional San	Lisa	Thompson	Member	x	
San Francisco Baykeeper	Ian	Wren	Member	x	
South Bay Salt Pond Restoration Project	David	Halsing	Member		
Interagency Ecological Program	Steve	Culberson	Member	x	
SFCWA	Lynda	Smith	Member	x	
	Frances	Brewster	Alternate		
	Stephanie	Fong	Alternate		
U.S. EPA	Terry	Fleming	Member	x	
	Luisa	Valiela	Alternate		

U.S. FWS	Leanna	Zweig	Member		
WSPA	Kevin	Buchan	Member		
	Mike	Armour	Alternate		
Central Valley Water Board	Adam	Laputz	Member		
	Janis	Cooke	Alternate	x	
	Christine	Joab	Alternate		
SF Bay Water Board	Tom	Mumley	Member	x	
	Richard	Looker	Alternate	x	

Additional Attendees

David Williams, BACWA

David Senn, SFEI, Science Manager, Program Coordinator Team

Robert Schlipf, Water Board

Yuyun Sheng, EBMUD

SFEI staff

-
- 1 Welcome, Introductions and Agenda Review:** All attendees introduced themselves. New designated representatives were welcomed.

-
- 2 Decision: Approve Prior SC Meeting Summaries:** The minutes for the December meeting were approved with one correction regarding a discussion of the Regional San ECHO Water Project.

Materials:

- Dec 14, 2018 meeting summary

-
- 3 Information: Action items:** It was reported that all Action Items had either been completed or were on the agenda for discussion.

Materials:

- Action Items Table
-

4 Information: Planning Subcommittee Report Out

With the departure of the Phil Trowbridge, the meeting was chaired by Thomas Mumley of the Water Board. There followed a brief discussion on the various approaches for selecting the chairs for future meetings. The Steering Committee (SC) has matured after over four years of meetings. It was decided that the best approach is to have a member of the SC chair the meetings instead of a designated facilitator. The Planning Subcommittee (PS) will develop language to revise the Charter and bring it back to the SC for approval: ***Action Item: PS to propose revised language for Charter on chairing the SC meetings.***

Materials:

- Revised NMS Charter

5 Information: Program Update:

- Quarterly update of staffing and finances – The Science Manager (SM) briefed the SC on two grant proposals that were being submitted. The first proposal was to the NOAA MERHAB program for \$600k to investigate the occurrence of microcystin in the Delta and Bay. The proposal would make use of satellite imagery and historic records to estimate the magnitude and frequency of HABs. The second was a grant request for \$730k to study HAB risk quantification and attempting to predict what conditions promote HABs. A third proposal being considered is to the Ocean Protection Council to assist in establishing a monitoring station at the Farallon Island. SFEI should know by June if the grants will be awarded.

Materials:

- Quarterly Financial Report
-

6 Discussion: Science Plan Update

- Overview of Science Plan Update – The SM presented an overview of the updated Science Plan (SP) and requested feedback from the SC. He explained that the intent was to have the SP adopted at the June SC meeting.

The SP sets forth a suite of projects that could be completed over the next 5 years. The goal is to have the results from the SP inform management actions being considered in 2024. The Plan was presented in two parts. Part A focused on nutrient cycling, DO and chl-a in the deep subtidal and the shallow margins. It was proposed to spend roughly 65% of the available funds addressing questions related to these topics. The remaining 35% of available funds would be spent on HAB mechanistic studies, HAB risk, and coastal effects. Priority program areas were presented which included monitoring, modeling, and further development of the assessment framework.

A graphical technique referred to as “spaghetti diagrams” were used to show what portion of the budget was being used for the various monitoring, modeling, and special projects over the next 5 years.

Feedback, questions, and discussion by the SC followed the presentation. It was pointed out that although the scientific investigations may not be able to establish end points, observations can be made to check if something unusual or unexpected is happening in the Bay. Another point was made with respect to coastal studies was to not focus solely on impacts of nutrients exported to the coastal area but also the impact of coastal contributions through the Golden Gate. A reminder was made that observation of trophic levels

should not be ignored. If there is low DO at times, is there a corresponding impact?

- Nutrient Cycling Workplan – Understanding what happens to nutrient in the Bay is very important and little data currently exists. The SM proposed to establish an expert working group to better understand the nutrient processes within the Bay. This is very important for model development. A four-step approach was laid out as follows:
 1. Assemble the current state of knowledge
 2. Determine special and temporary coverage of modeling and monitoring efforts
 3. Field collection of biogeochemical data
 4. Analyses and synthesis of the data and model refinement

A discussion on the approach to the investigation of nutrient cycling followed the presentation with the SC providing feedback and the SM addressing questions raised.

- Overview of Modeling Program – The SM then presented an overview of the modeling program and the importance to getting good monitoring data in the shallow margins of the Bay. A handout on the Modeling Workplan was provide at the meeting.
- Review of two projects & request for approval – The SM briefly discussed five projects, details of which were provided in the packet. The SM was seeking specific authorization to pursue two of the five projects. The first project (#1) was for deployment of a shoal mooring in collaboration with the USGS at a cost of \$125k. The second

project (#3) was for the conduct of HAB mechanistic studies in collaboration with SFSU at a cost of \$100k. Details of these two projects were presented to the SC. Funding for initiating projects would come from the BACWA advance on the FY 20 funds required under the 2nd Nutrient Watershed Permit which had previously been authorized by the SC for the SM to commit up to \$500k with outside collaborators.

In addition to specific authorization to proceed with projects #1 and #3, the SM was seeking authorization to proceed with the other projects pending discussion and approval by the PS, a caveat being that the SM could move ahead with no more than two small contracts (<\$50k each) under his own authority. After much discussion and clarification on what was being requested a motion was put forward for the following authorizations:

1. Authorization to proceed with project #1 – Deployment of a shoal mooring, cost \$125k
2. Authorization to proceed with project #3 – HAB Mechanistic studies, a 2 year study at approximately \$50k/yr for total cost of \$100k
3. Authorization for the PS to approve up to an additional \$275k for other projects proposed by the SM and discussed with the SC
4. For any projects approved under #3 above, the SM could approve up to two smaller contracts each totaling not more than \$50k for a total of \$100k.

The motioned was seconded and unanimously approved.

The SM stated that he would like feedback on the SP, specifically the biogeochemical plan and the modeling plan. He

also needs input on the nuts and bolts of the plan found in the appendices.

Materials:

- Presentation & handout of FY20 project descriptions
-
-
-

7 Technical Update:

- HABs and toxins – The SM presented a discussion on the Bay shoals. He stated that blooms that occur in the shallower waters may not be detected in the spine of the Bay. The shallow waters allow phytoplankton to constantly be in the light zone, plus turbidity is not always higher in the shoals. Studies have shown that gross primary production tends to be higher in the shoals. Data was presented that showed as nitrate goes down the concentration of chl-a goes increases.

The SM posed key questions that the SP is attempting to address. A HAB synthesis report presents what is known about domoic acid, saxitoxin and microcystin.

9 Discussion: Potential ship-based monitoring alternatives

- Recommendation from Planning Subcommittee – The PS has had in-depth discussions with the SM on the most viable options to pursue in light of the fact that the key scientists from the USGS are retiring and there are no plans to replace them. The USGS has provided four decades of data as part of their routine monitoring of the Bay. The SM presented options for moving forward and the cost of each to the NMS as follows:

Option 1A: USGS hires scientist/provides full support/continued use of boat - \$350k

Option 1B: USGS hires scientists/provides partial support/continued use of boat - \$400k

Option 1C: USGS hires scientist/no support/ continued use of boat - \$550k

Option 1D: USGS hires scientist/no support provided/pay for use of boat - ?

Option 2A: Local partners collaborate to provide technical expertise, manpower, and boat - \$350

Option 2B: team up with SFSU-EOS (Rhomburg Tiburon Center) & CalMeritime Academy for expertise and boat - ?

A lively discussion of the options ensued. Questions were raised on whether it was essential to have no gaps in the Bay monitoring or could we get by without data for a year or

two? Also questions on possibility on continued use of the boat which has been outfitted specifically for Bay sampling.

The SM will continue the dialogue with various stakeholders with the understanding that a decision needs to be made at the June meeting of the SC. The SM will provide a plan within a week. ***Action Item: SM to develop a plan for how to continue the Bay sampling now that the USGS can no longer be counted on for routine monitoring***

11 Other Business: Updates from other activities/members – The following announcements were made:

- Janis Cooke – The Delta RMP has put chl-a sensors in place, with lab analyses on a comparison study to be conducted in the Spring. A study is being conducted in conjunction with nutrient reduction upgrades being completed at the Regional San plant. An opportunity presents itself since there will be no effluent in the river for a period of time.
- Lisa Thompson – Lots of work is being completed on the Delta Regional Nutrient Study.
- Eric Dunlavey – Reported that there is a draft report from Jim Hobbs on fish monitoring in Lower south Bay from 2011-2018 which provides information on diversity and abundance. San Jose plans on a new 2-yr contract in July 2019. The report indicates that there is low DO at times, but it does not seem to have an effect on fish populations.
- Tom Mumley – The Tentative Order for the 2nd Nutrient Watershed Permit has been released. Funding for science has been increased from \$880/yr. to \$2.2 M/yr.

12 Action Items and Wrap-up

Confirm next meeting date: June 14, 2019 @ SFEI

Following meeting: Sep 20, 2019 @ SFEI

Adjourn

Sherry Hull

From: Sherry Hull
Sent: Tuesday, February 19, 2019 4:32 PM
To: Sherry Hull
Subject: Activity in Case 2:16-cv-02960-MCE-DB Southern California Alliance of Publicly Owned Treatment Works et al v. United States Environmental Protection Agency et al Judgment.
Attachments: 2019.02.14 - SCAP Order on MTD SAC.pdf; 2019.02.19 - Judgment.pdf

From: Thorme, Melissa <mthorme@DowneyBrand.com>
Sent: Tuesday, February 19, 2019 8:55 AM
To: Steve Jepsen (sjepsen@dudek.com) <sjepsen@dudek.com>; David Williams <dwilliams@bacwa.org>; Debbie Webster (eoofficer@cvcwa.org) <eoofficer@cvcwa.org>
Cc: Veasy, Patrick <pveasy@DowneyBrand.com>; Amanda Waters (AWaters@nacwa.org) <AWaters@nacwa.org>
Subject: FW: Activity in Case 2:16-cv-02960-MCE-DB Southern California Alliance of Publicly Owned Treatment Works et al v. United States Environmental Protection Agency et al Judgment.

Sorry to be the bearer of bad news, but the federal judge once again rejected our TST case. I think he is wrong on several counts – particularly that you must sue in a court of appeals within 120 days of issuance of a guidance document. This is clearly wrong as the case would be dismissed for not being concrete and a lack of harm. We should consider filing an appeal because the Ninth Circuit precedent is contrary to this ruling and he even says that he is not following the main Ninth Circuit case we relied upon. We have 30 days to file an appeal, so we will need to act quickly if that is the desired option.

Thank you and sorry,

Melissa

Melissa A. Thorme

DOWNEY BRAND
Downey Brand LLP
621 Capitol Mall, 18th Floor
Sacramento, CA 95814
916.444.1000 Main
916.520.5376 Direct
916.520.5776 Fax
mthorme@downeybrand.com

From: Veasy, Patrick
Sent: Tuesday, February 19, 2019 8:48 AM
To: Thorme, Melissa
Subject: FW: Activity in Case 2:16-cv-02960-MCE-DB Southern California Alliance of Publicly Owned Treatment Works et al v. United States Environmental Protection Agency et al Judgment.

From: caed_cmecf_helpdesk@caed.uscourts.gov [mailto:caed_cmecf_helpdesk@caed.uscourts.gov]
Sent: Tuesday, February 19, 2019 8:44 AM
To: CourtMail@caed.uscourts.dcn
Subject: Activity in Case 2:16-cv-02960-MCE-DB Southern California Alliance of Publicly Owned Treatment Works et al v. United States Environmental Protection Agency et al Judgment.

This is an automatic e-mail message generated by the CM/ECF system. Please DO NOT RESPOND to this e-mail because the mail box is unattended.

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U.S. District Court

Eastern District of California - Live System

Notice of Electronic Filing

The following transaction was entered on 2/19/2019 at 8:43 AM PST and filed on 2/19/2019

Case Name: Southern California Alliance of Publicly Owned Treatment Works et al v. United States Environmental Protection Agency et al

Case Number: [2:16-cv-02960-MCE-DB](#)

Filer:

WARNING: CASE CLOSED on 02/19/2019

**Document
Number:** [56](#)

Docket Text:

JUDGMENT dated *2/19/2019* in favor of Defendants United States Environmental Protection Agency pursuant to order signed by District Judge Morrison C. England, Jr. on 2/14/2019. (Huang, H)

2:16-cv-02960-MCE-DB Notice has been electronically mailed to:

David M. Fox courtfilings@downeybrand.com, mfrazier@downeybrand.com, dfox@downeybrand.com

Chi Soo Kim monica.lee@usdoj.gov, chi.soo.kim@usdoj.gov, caseview.ecf@usdoj.gov, pamela.beauvais@usdoj.gov, usacae.ecfsaccv@usdoj.gov, janet.bain@usdoj.gov, annette.lopez@usdoj.gov

Ashley M. Boulton whoney@downeybrand.com, aboulton@downeybrand.com, courtfilings@downeybrand.com

Leslie M. Hill leslie.hill@usdoj.gov, krystyna.bednarczyk@dot.gov, efile_ed.s.enrd@usdoj.gov

Melissa A. Thorme kcourtland@downeybrand.com, mthorme@downeybrand.com, courtfilings@downeybrand.com, pveasy@downeybrand.com

2:16-cv-02960-MCE-DB Electronically filed documents must be served conventionally by the filer to:

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UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF CALIFORNIA

SOUTHERN CALIFORNIA ALLIANCE
OF PUBLICLY OWNED TREATMENT
WORKS, et al.,

Plaintiffs,

v.

UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY, et al.,

Defendants.

No. 2:16-cv-02960-MCE-DB

MEMORANDUM AND ORDER

By way of the instant action, Plaintiffs Southern California Alliance of Publicly Owned Treatment Works ("SCAP"), the Central Valley Clean Water Association, the National Association of Clean Water Agencies, and the Bay Area Clean Water Agencies (collectively "Plaintiffs") seek declaratory and injunctive relief against Defendants United States Environmental Protection Agency ("EPA"), as well as the EPA's Acting Regional Administrator for Region IX, Defendant Alexis Strauss.¹ According to Plaintiffs, Defendants are impermissibly allowing and/or requiring the use of unpromulgated statistical or other procedures for testing toxicity, including what is known as the Test of Significant Toxicity ("TST"), when issuing permits related to the treatment and release of

¹ For reasons that will become clear below, the above-captioned action will be referred to as "SCAP II."

1 wastewater. This Court previously dismissed Plaintiffs' First Amended Complaint
 2 ("FAC") with leave to amend. ECF No. 36. Plaintiffs thereafter timely filed the now
 3 operative Second Amended Complaint ("SAC"). ECF No. 37. Presently before the
 4 Court is Defendants' Motion to Dismiss (ECF No. 42) the SAC, which is hereby
 5 GRANTED without leave to amend.²

6 This Court has already addressed the unviability of Plaintiffs' claim in its prior
 7 Memorandum and Order ("Order"), which granted Defendants' earlier Motion to Dismiss.
 8 ECF No. 36. Because the SAC contains no materially new allegations, that prior Order
 9 is incorporated in its entirety herein by reference and the SAC is dismissed as well.
 10 Indeed, the SAC contains identical claims as the FAC, but repackages the allegations as
 11 "*ultra vires*" in a disingenuous attempt to avoid the effects of the applicable six-year
 12 statute of limitations. Adding this label, however, does nothing to change the substance
 13 of Plaintiffs' allegations, which are entirely procedural in nature. Plaintiffs do not point to
 14 any substantive shortcomings to substantiate their claims, but instead reiterate their
 15 argument that Defendants rely on an improperly promulgated rule to justify their actions
 16 concerning the TST. This procedural challenge, having been previously rejected by this
 17 Court, is properly treated pursuant to the Court's analysis in its prior Order, not the
 18 authorities cited in Plaintiffs' Opposition. See, e.g., Wind River Mining Corp. v. United
 19 States, 946 F.2d 710 (9th Cir. 1991).

20 Finally, to the extent Plaintiffs argue in their Opposition that the TST is a WET test
 21 method and that Defendants failed to perform the mandatory duty of promulgating the
 22 TST guidance through formal notice and comment rule making, those arguments also
 23 fail. First, WET test methods are considered "other limitations" under the CWA. See
 24 33 U.S.C. § 1369(b)(1)(E). Even assuming that Plaintiffs were correct in their
 25 characterization, such a challenge should have been brought in the court of appeals
 26 ///

27 ² Having determined that oral argument would not be of material assistance, the Court ordered this
 28 matter submitted on the briefs in accordance with Local Rule 230(g).

1 within 120 days of the publication of the 2010 TST Guidance. The current challenge
2 was thus initiated too late and in the wrong forum.

3 Second, any claim that the EPA failed to perform a mandatory duty under the
4 CWA cannot be pursued under the APA because the CWA itself provides an adequate
5 remedy in court. 5 U.S.C. § 704 (APA review is limited to “final agency action for which
6 there is no other adequate remedy in a court.”); 33 U.S.C. § 1365(a) (citizen suit
7 permitted “(1) against any person (including (i) the United States, and (ii) any other
8 governmental instrumentality or agency to the extent permitted by the eleventh
9 amendment to the Constitution) who is alleged to be in violation of (A) an effluent
10 standard or limitation under this chapter or (B) an order issued by the Administrator or a
11 State with respect to such a standard or limitation, or (2) against the Administrator where
12 there is alleged a failure of the Administrator to perform any act or duty under this
13 chapter which is not discretionary with the Administrator”). As Plaintiffs fail to address
14 this contention in their Opposition, they effectively concede that any arguments to the
15 contrary must fail.

16 Accordingly, for the foregoing reasons, Defendants’ Motion to Dismiss (ECF No.
17 42) is GRANTED. Plaintiffs have had multiple opportunities to try to state a claim, and it
18 does not appear they will be able to add any additional allegations to do so. Therefore,
19 no further leave to amend will be permitted, and the Clerk of the Court is directed to
20 close this case.

21 IT IS SO ORDERED.

22 Dated: February 14, 2019

23 
24 MORRISON C. ENGLAND, JR.
25 UNITED STATES DISTRICT JUDGE
26
27
28

Enterococci monitoring proposal

Background

The San Francisco Estuary Institute (SFEI) was approached by the Bay Area Clean Water Agencies (BACWA) to determine if enterococci sampling could be added on to existing sampling efforts in order to establish background levels of enterococci in the Bay. This testing is of interest because the State Water Resources Control Board approved new Bacterial Objectives for water contact recreation (REC-1), reducing the objective from 35 CFU/100 mL to 30 CFU/100 mL. The U.S. Environmental Protection Agency (USEPA) is expected to approve these revised guidelines soon. After approval, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) will begin implementing the new objectives in NPDES permits as enterococci effluent limits.

Under the current objectives, the SFBRWQCB does not allow dilution credits. However, with the new proposed objectives, they are willing to consider allowing dilution credit to calculate effluent limits for enterococci. In order to determine how to calculate effluent limits with dilution, the SFBRWQCB needs to know the background concentration of enterococci in the Bay. The existing data for enterococci are largely restricted to beaches and shallow water areas of the Bay (see Heal the Bay report cards [here](#)) that are collected by local municipalities on a weekly basis. While these data are useful, they may not be representative of the deep channel locations where wastewater treatment plants discharge into the Bay.

Scope of proposed work

In order to characterize enterococci concentrations in the Bay, SFEI recommends that samples be collected across the spatial range of Publicly Owned Treatment Works (POTW) outfalls within the Bay, which are located from Lower South Bay to Suisun Bay (Figure 1). The USGS has established stations along this route for regular water quality monitoring that serve as a good starting point for identifying sampling locations (Figure 2). There are 34 monitoring stations in total along the spine of the Bay, 31 of which cover the range of POTW outfalls. Samples should be collected from these stations on at least three separate occasions to characterize the spatial and temporal variability in enterococci concentrations within the Bay. Ideally, one sample would be taken during the rainy season (before May) to capture a range of conditions.

Near-surface grab samples will be collected at each station and placed on ice. Due to the six hour hold time limit for enterococci samples, sampling will likely need to be split over two days to cover the entire Bay (e.g., Day 1 – Lower South Bay to Angel Island; Day 2 – Marin to Chipps Island). Because the hold time is a hard deadline, the number of samples collected during each sampling event may need to be reduced if weather and tides slow travel speed on the boat. The budget outlines the costs associated with collecting enterococci samples using the San Francisco Public Utilities Commission's (SFPUC) boat and analyzing samples at their lab using the Enterolert method (Standard Methods 9230D equivalent), which does not require filtration.

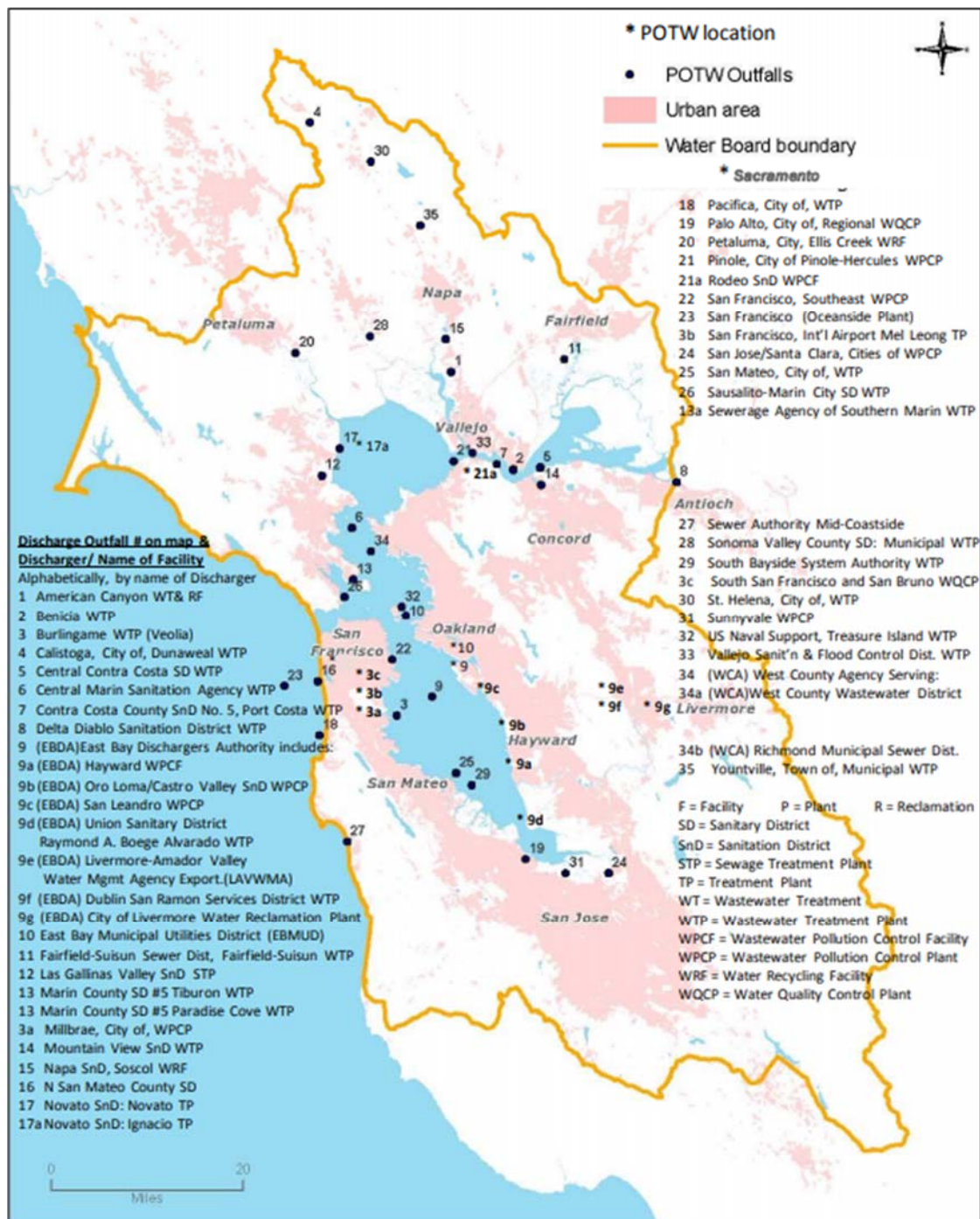


Figure 1: Location of Publicly-owned Treatment Works outfalls throughout San Francisco Bay.



Figure 2: Sampling stations used during the USGS monthly Bay cruises.

Budget for SFEI costs assuming the use of the SFPUC boat and lab, data management and analysis by BACWA, and coordination with SFBRWQCB by BACWA.

Item	Hours	Cost per unit	Total	Notes:
Environmental analyst (time)	60	\$120	\$7200	SFEI staff for sample coordination, collection (6 trips of 9 hours each), equipment preparation, and delivering samples to the lab.
Project management	8	\$156	\$1248	SFEI staff time needed to coordinate sampling with SFPUC, BACWA, and the SFPUC lab.
TOTAL			\$9448	



March 13, 2019

William Burrell
1515 Clay Street, Suite 1400
Oakland, CA 94612
(510) 622-2451

VIA EMAIL: william.burrell@waterboards.ca.gov

Subject: Comments on the Tentative Order for NPDES No. CA0037834, Palo Alto Regional Water Quality Control Plant

Dear Mr. Burrell:

The Bay Area Clean Water Agencies (BACWA) appreciates the opportunity to comment on the Tentative Order for NPDES No. CA0037834, Palo Alto Regional Water Quality Control Plant (Tentative Order). BACWA is a joint powers agency whose members own and operate publicly-owned treatment works (POTWs) and sanitary sewer systems that collectively provide sanitary services to over 7.1 million people in the nine-county San Francisco Bay Area. BACWA members are public agencies, governed by elected officials and managed by professionals who protect the environment and public health.

Historically, most NPDES permits in the San Francisco Bay Region implement enterococcus objectives as an end-of-pipe limit, irrespective of the fact that contact recreation does not take place within the outfall's mixing zone. This results in overprotective bacterial effluent limits, requiring overuse of chlorine, and therefore sodium bisulfite to dechlorinate the effluent, with ancillary environmental impacts in terms of chemical production, transport, and disinfection byproduct production. BACWA is engaged with the Regional Water Board in an effort to amend the Basin Plan to reduce unnecessary chemical use associated with disinfection.

This Tentative Order is potentially the first NPDES permit in the San Francisco Bay Region where the State Water Resource Control Board's *Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California (SIP)– Part 3, Bacteria Provisions and a Water Quality Standards Variance Policy* (Bacterial Objectives) is to be implemented. On page F-27 of the Tentative Order, it states that enterococcus limits are not calculated via the SIP procedure. While Palo Alto uses UV, rather than chlorine, for disinfection, and will therefore not increase chemical dosing due to the new objectives, this order establishes a strategy for implementing the Bacterial Objectives for other POTWs in our Region who do use chlorine. As such, BACWA requests that the Regional Water Board calculate the water quality based effluent limit for enterococcus using the SIP procedure.

Based on conversations with Regional Water Board staff, there may not be appropriate existing background monitoring data to use for enterococcus. Much of the sampling in the Region has been done via beach sampling, which is expected to have higher levels of enterococcus due to surface runoff compared to samples collected mid-Bay. BACWA is developing a sampling plan to generate new background data that can give more accurate representation of the San Francisco Bay's assimilative capacity for enterococcus.

If the Regional Water Board is unable to perform the SIP calculations for enterococcus due to lack of background data, BACWA requests that a note be made in the Fact Sheet stating that the Regional Water Board finds that Water Quality Based Effluent Limits are appropriate for enterococcus, but that Bacteria Objectives are being applied as end-of-pipe limits due to lack of information on the assimilative capacity of the receiving water. Recalculation of limits in future permits is appropriate when such data become available.

BACWA appreciates the opportunity to comment on the Tentative Order and thanks you for considering our input.

Respectfully Submitted,



David R. Williams
Executive Director
Bay Area Clean Water Agencies

cc: BACWA Executive Board
Karin North, City of Palo Alto

CRITERIA FOR NON-MEMBER PUBLIC AGENCY/ASSOCIATION PARTICIPATION FEES IN BACWA ACTIVITIES (est. 2019)

BACKGROUND: BACWA engages in land, air and water regulatory advocacy, although the main focus is on wastewater regulations. Wastewater regulations in the nine county Bay Area are under the jurisdiction of the San Francisco Regional Water Quality Control Board (Water Board, Region No 2). The jurisdiction of the Water Board is the watershed within the nine counties rimming San Francisco Bay. The Water Board's jurisdiction ends near the Delta where the Central Valley Regional Water Quality Control Board's (Region No. 5) jurisdiction begins.

Membership in BACWA has historically been based on the commonality of interests in wastewater regulatory issues facing wastewater agencies in Region No 2. Each BACWA member pays dues which are used to support the on-going operations of BACWA. At times some public agencies outside of the watershed or an association of public agencies desire to participate in BACWA member activities (i.e. workshops, committees, etc.). In fairness, these entities should pay some fee to help fund the activities, supported by member dues, in which they participate. Although BACWA Policy allows for the Board to establish all non-member participation fees, the purpose of establishing criteria for non-member participation fees is to avoid the arbitrary setting of fees. Non-member participants should be cautioned that on some regulatory issues, the BACWA members may take a position that is contrary to that of the non-member.

CATEGORIES OF NON-MEMBER PARTICIPATION FEES:

Individual Public Agency Participation in Committees Whose Budgets Include Annual Support Contracts

- Some BACWA committees such as AIR and BAPPG require on-going annual contracts for specialized expertise. Participation fees by non-members in these committees should reflect their proportional share of the contracts needed to support the committees. For the following formulas, Principals (a), Associate members (b), Affiliate Associate members (c), Affiliate Collection-Only members (d).

AIR Committee (10 mgd or greater design flow):

$$\text{Fee} = (\text{annual contract}) / (a + b)$$

For FY 20 this amounts to \$4,167

AIR Committee (less than 10 mgd):

$$\text{Fee} = \$1,000 \text{ (escalated 2\%/yr.)}$$

BAPPG Committee (assumes non-members get $\frac{3}{4}$ of the benefit of outreach)

$$\text{Fee} = (3/4 \times \text{annual contract}) / (a + b + c + d)$$

For FY 20 this amounts to \$1,190

Individual Public Agency Participation in Committees Whose Budgets Do Not Include Annual Support Contracts

– Participation fees for non-members in these committees is a flat \$500 per year, escalated at the rate that BACWA dues are increased, for an agency serving a population of 100,000 or less. \$1,000 per year if population served is greater than 100,000. Future participants would pay the going rate at the time they

join. The fee allows all staff of the public agency to participate in all BACWA activities other than AIR and BAPPG committees.

Participation by Associations of Public Agencies - The participation fee is set at a flat \$2500 per year, escalated at the rate that BACWA dues are increased. Future association participants would pay the same rate as existing participants at the time they join as non-members. The fee allows the staff of the association to participate in all BACWA activities.

Workshops - Workshop fees for non-members are set on a case by case basis and should consider BACWA's cost to hold the workshop.

Introduced by Senator Moorlach

February 11, 2019

An act to add Section 6508.3 to the Government Code, relating to public agencies.

LEGISLATIVE COUNSEL'S DIGEST

SB 241, as introduced, Moorlach. Public agencies: joint powers authorities: contracts.

The Joint Exercise of Powers Act generally authorizes 2 or more public agencies, by agreement, to jointly exercise any common power. Under the Act, an agency created pursuant to a joint powers agreement possesses the common power specified in the agreement and may exercise that power in the manner provided in the agreement. Under the Act, an agency created pursuant to a joint powers agreement is authorized to make and enter contracts, to employ agents and employees, to hold or dispose of property, and to incur debts, liabilities, and obligations.

This bill would require the governing body of each member agency of an agency established pursuant to a joint powers agreement to approve and ratify each memorandum of understanding negotiated between the joint powers agency and its employees. This bill would further require each member agency to a joint powers agreement to approve and ratify each contract for municipal services or functions, as defined, negotiated between the joint powers agency and the entity providing the services or functions.

Vote: majority. Appropriation: no. Fiscal committee: no.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 6508.3 is added to the Government Code,
2 to read:

3 6508.3. (a) The governing body of each member agency shall
4 approve and ratify each memorandum of understanding, and any
5 amendments thereto, bargained between the agency and its
6 employees.

7 (b) The governing body of each member agency shall approve
8 and ratify each contract for municipal services or functions, as
9 defined by Section 54980, and any amendments thereto, negotiated
10 between the agency and the entity providing the service.

11 (c) A member agency shall approve and ratify an agreement
12 subject to this section by resolution adopted by majority vote.

13 (d) An agreement subject to this section shall not become
14 effective until the governing body of each member agency approves
15 and ratifies the agreement as provided in subdivision (c).

O



February 15, 2019

Joan Oppenheimer, MSPH, BCES
Stantec
300 N. Lake Ave, Suite 400
Pasadena, CA, USA

RE: New approaches for improved nutrient management: Phase 1 (RFP #4974)

Dear Ms. Oppenheimer:

The Bay Area Clean Water Agencies (BACWA) is pleased to participate with the Stantec team in the Water Research Foundation Project entitled *New Approaches for Improved Nutrient Management: Phase 1 (RFP #4974)*.

We understand that current municipal nutrient permitting approaches as well as permit structure developed by States vary significantly. New advanced permitting approaches, including predictive water quality modeling, probabilistic modeling, and the use of technology performance statistics have recently been proposed as more appropriate for water quality-based effluent nutrient permit development. However, at present no procedure exists to assess these advanced permitting approaches in terms of necessary procedures, monitoring methods, and evaluation methods.

In order to assess these new, holistic approaches to nutrient management, the development of a research roadmap which outlines various and innovative approaches to more effectively target source water protection and water quality endpoints is warranted. The roadmap will be based on an extensive review of the large body of research available in nutrient management, on the identified relevant research gaps that still need to be addressed, and on the real-world perspective on nutrient management from stakeholders from the agriculture and water quality communities, regulators, and others impacted by nutrient loading in water systems. The outcome of the proposed project will be extremely valuable to us as well as to other agencies and stakeholders.

We agree to participate on this project as a member of the Advisory Committee. Our role will be to:

- Provide peer-review of the project reports;
- Share any relevant knowledge on nutrient management with the project team; and
- Participate in a workshop with experts and/or other conference calls organized throughout the study.

The estimated value of the in-kind services for the above tasks is \$5,000 which will mainly consist of staff labor and communication with the project team.

We look forward to participating with you in this important project.

Sincerely,

A handwritten signature in cursive script that reads "David R. Williams".

David R. Williams P.E., BACWA Executive Director



February 25, 2019

Mr. David Clark, P.E.
Wastewater Director
HDR
412 E Parkcenter Blvd, Suite 100
Boise, ID 83706

Subject: WRF RFP #4974
New Approaches for Improved Nutrient Management: Phase 1

Dear Dave:

The Bay Area Clean Water Agencies (BACWA) is pleased to partner with the HDR/LimnoTech team for the Water Research Foundation's (WRF) project to identify new approaches for improved nutrient management. BACWA is a joint powers agency, formed under the California Government Code by the five largest wastewater treatment agencies in the San Francisco Bay Area. Our members include the many municipalities and special districts that provide sanitary sewer services to more than 7.0 million people in the Bay Area. This project will leverage previous efforts by WRF and other organizations and work by clean water utilities, nonpoint source representatives, and regulatory agencies to construct a roadmap of the next steps needed to further develop and implement the innovative solutions identified by this research.

We see tremendous value in this effort because of the direct linkage that the WRF nutrient management research has with BACWA. BACWA members have a combined permitted capacity at average dry weather flow of over 800 million gallons per day and provides the equivalent organic treatment capacity to serve a population of more than 7 Million. We are facing potential nutrient reduction investments across the Bay of up to \$12 Billion (if supported by sound science). The extent of investments is unclear as nutrient management solutions outside a WRRF's boundaries are being investigated and the science is still undecided. BACWA has been actively collaborating with the regulators, the scientists at San Francisco Estuarine Institute, and other non-governmental organizations (e.g., Bay Keepers) on developing a transparent and practical approach to nutrient management across the Bay.

BACWA has been working closely with HDR since our initial Regional Watershed Permit on Nutrients in 2014 (R2-2014-0014). The findings from those submittals and other on-going efforts would be of great value to the WRF effort. We anticipate the following participation by BACWA members by providing previous efforts that will help inform this important project:



- Nutrient Reduction Study Final Report and other submittals included in the 1st Watershed Permit (R2-2014-0014)
- Any published findings from the on-going 2nd Watershed Permit (still in administrative draft form; R2-2019-00XX)

In addition to sharing the results of these efforts, we are interested in assisting in hosting a regulatory workshop. We understand that this will require staff time for preparation, review of case study materials prepared by the HDR/LimnoTech team, and workshop attendance within our region.

BACWA is excited to participate and support WRF and the project team in this endeavor, and we are looking forward to exchanging ideas and innovative solutions to inform future nutrient management strategies and policies. We estimate our current in-kind resource commitment to this project at approximately \$5,000.

We are looking forward to the collaboration and results that this project offers. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "David R. Williams".

David R. Williams P.E.
Executive Director

Sherry Hull

From: Sherry Hull
Sent: Tuesday, March 12, 2019 4:25 PM
To: Sherry Hull
Subject: CECs for trending analysis

From: Rebecca Sutton <rebeccas@sfei.org>
Sent: Monday, February 25, 2019 1:28 PM
To: Lorien Fono <lfono@bacwa.org>
Subject: Re: FW: CECs for trending analysis

Hey Lorien - This request is somewhat in line with a prioritization memo I'm preparing for the ECWG meeting in April.

In terms of classes of contaminants that may be trending upwards, I'd say:

pharmaceuticals
personal care and cleaning products
alternative (phosphate and brominated) flame retardants (not PBDEs)
PFAS
bisphenols
microplastic
gadolinium (primarily hospital usage)
current use pesticides

I'm giving you the most expansive list, we could group and/or refine this to make it more manageable. We could also hear some valuable perspectives at the ECWG meeting that might provide more concrete priorities.

Hope this is helpful – Becky
Rebecca Sutton, Ph.D.
Senior Scientist

San Francisco Estuary Institute
4911 Central Avenue
Richmond, CA 94804
@beckysuttonphd
510.746.7388

From: Lorien Fono
Sent: Wednesday, December 19, 2018 10:44 AM
To: 'Rebecca Sutton' <rebeccas@sfei.org>
Cc: David Williams <dwilliams@bacwa.org>
Subject: CECs for trending analysis

Becky, I'm following up on our conversation with Tom Mumley on December 4th. What I heard from Tom was that he'd like us to take a closer look at the CECs that may be trending upwards, and develop a plan for monitoring them at POTWs on an ongoing basis to capture these trends.

I know you're extremely busy, especially with Diana on leave, but we'll need your help to launch this effort. Could you put together a list of CECs that we should be looking at more closely, and what are the characteristics/sources of these that would inform the choice of POTWs to sample at?

Let me know if you'd like to discuss this more before we get started.

Lorien Fono
Regulatory Program Manager
Bay Area Clean Water Agencies
510-684-2993

**Focused Stakeholder Outreach Meeting with Municipalities
Proposed Statewide Sanitary Sewer System Permit Update**

Friday, March 8, 2019

10:00 am – 11:30 am

In Person:

CalEPA Building, 1001 I St Sacramento, CA 95814 - Conference Room 1810

(please call/text Diana Messina @ (916) 539-1925 when in CalEPA Building visitor's center)

Or by phone:

(916) 562-0861

Conference ID: 58083669#

1. Introductions
2. Overview of Stakeholder Inputs
 - a. Resulting Issues
3. Update on SSS WDR Related Outreach
 - a. Various Types of Stakeholder Outreach (Public vs Focused Meetings)
 - b. CWEA May Specialty Workshops
 - b. Other Workshop Dates, Notices, Current Schedule, Etc.
4. Development of Proposed Updated SSMP Outline
 - a. System Specific Resiliency and Asset Management Related Additions
 - b. Requested Exception for Smaller Systems Specific to Proposed Sections
 - c. Properly Scoping Permit Elements Through Definitions
 - d. Specific Comments on SSMP Additions
5. Status of Issues Identified in Previous Redlines
6. Other Items and Next Steps

ORDER WQ 2019-XXXX-DWQ
PROPOSED REISSUANCE OF STATEWIDE WASTE DISCHARGE
REQUIREMENTS

GENERAL ORDER
FOR
SANITARY SEWER SYSTEMS

EXCERPT OF DRAFT SEWER SYSTEM MANAGEMENT
PLAN PROVISIONS

The following text is an excerpt of the initially-proposed Sewer System Management Plan Provisions for the proposed Statewide General Order reissuance. This excerpt is a "work in progress" and is being shared with knowledgeable field experts for constructive feedback using "tracked-changes" and accompanying justification in electronic comment format.

The yellow-highlighted text denotes proposed additions to the existing Provisions in the existing 2006 Statewide General Order. The components of the existing provisions have been reordered for applicable flow of both SSMP development and implementation.

The intention of the subject provisions is to serve as a check-list for items that are to be included in an SSMP; there is no intention for existing SSMPs to be rewritten solely to match the order of the provisions in the reissued permit ultimately adopted by the State Water Resources Control Board.

The proposed (yellow-highlighted) additions are intentionally placed in the SSMP provisions (versus the body of the permit) to be addressed in accordance with the size and complexity of each system, versus one set of prescriptive requirements for all regulated systems statewide. The proposed additions focus on the following items:

- (1) Agency priorities,
- (2) Coordination of internal operation-based and engineering-based decisions,
- (3) Communications with external stakeholders
- (4) System resiliency determinations considering:
 - a. Aging infrastructure,
 - b. Change in climatic patterns,
 - c. Growth,
 - d. Customer products and habits, and
 - e. Changing organizational needs.

and

- (5) Other items that should be considered as a minimum standard to proper local management of a sanitary sewer system.

Commented [CAoS1]: While we appreciate that the intent is for no additional effort to be required and that this is not a "one size fits all" policy. That said, these additions could be significant for small communities so would appreciate additional discussion regarding these provisions. Possibly additional opt out provisions like the FOG Element for small agencies.

Commented [CAoS2]: Need to clarify which sections below are intended to cover these new provisions.

Commented [CAoS3]: Not sure what this means.

EXCERPT OF INITIALLY-PROPOSED SSMP PROVISIONS

A. Sewer System Management Plan (SSMP) Provisions

a. Introduction and Background

i. Regulatory Context

1. WDR Requirements

2. Other Regulatory Requirements Addressed By SSMP

ii. System Overview

b. Collection System Management

i. Collection System Management Goals and Objectives

ii. Management Information Systems

1. System Mapping

2. Work Management

3. Asset Management

a. Risk Assessment

b. AM Decision-making

4. Capacity Management

5. Regulatory Compliance and Reporting

iii. Staff Resource Management

1. Staffing Plan

a. Staffing Classifications

2. Collection System Program Functional Organization Structure

iv. Program Budgeting

v. Legal Authorities

c. Sanitary Sewer Overflow Response

i. SSO Response Goals

ii. SSO Detection

iii. SSO Response Procedures

iv. Equipment List and Critical Spare Parts Availability

v. Post SSO Assessment

vi. SSO Documentation and Reporting

d. Collection System and Pump Station Operations and Maintenance Program

i. Maintenance

1. Cleaning Equipment

2. Preventive Maintenance

a. Root Control Program

b. Pump Station Maintenance Program

3. Inspection

Commented [CAoS4]: Need more clarity here. Is this a simple reference back to the SSS WDR requirements or does it include requirements related to enforcement actions or litigation/settlements?

Commented [CAoS5]: Need more clarity here regarding what is expected. Assets? Service area maps? Satellite agencies?

Commented [CAoS6]: Consider eliminating the very prescriptive level of detail here and just providing some narrative about what is anticipated under this broader header of collection system management.

Commented [CAoS7]: Not clear whether this refers to SWRCB goals or enrollee's goals.

Commented [CAoS8]: Anything related to asset management should be in the same section (likely down with section (f)/(g) rather than spread out. Also, these terms need to be very clearly defined in terms of what is expected.

Commented [CAoS9]: What is desired here? This can be a very sensitive area as it may involve unions, contracting, job descriptions, etc. An org chart, short descriptions of the responsibilities in that org chart, and any attendant training and certifications should be sufficient here.

Commented [CAoS10]: Please explain or define here. Just O&M or capital? Revenue and expense? What does this mean or look like? Rate studies required? This is very prescriptive and may not be warranted. If it is intended to be a description of the budgeting process, again this could be a very sensitive area.

Commented [CAoS11]: It would make more sense for this section to appear below the full program definition as opposed to so early in the outline.

Commented [CAoS12]: Not sure why this is necessary or what it means. Is it the same as EORP? Does it mean flow monitoring? What is meant by goals?

Commented [CAoS13]: This is an assets/capital item, should be eliminated as it is covered elsewhere.

Commented [CAoS14]: This is too specific, it is up to the agency to define this need, and is likely covered under general process management.

Commented [CAoS15]: Is this intended to include force mains?

EXCERPT OF INITIALLY-PROPOSED SSMP PROVISIONS

- a. Inspection Program Strategy
 - b. Inspection Resources
- 4. Corrective Maintenance
- 5. Maintenance Documentation
- ii. Easement Accessibility and Maintenance
- iii. Materials Management
 - 1. Equipment and Tools Management
 - 2. Parts Inventory
- e. Fats, Oils, and Grease (FOG) Source Control Program
 - i. FOG Pretreatment Requirements
 - ii. FOG Source Control
 - iii. FOG Control Program Enforcement
 - iv. FOG Public Education Outreach
 - v. FOG Program Staffing and Training
- f. Collection System Assessment and Alternatives Analysis
 - i. Condition and Resiliency Assessment
 - 1. Resiliency Factors (i.e. climate change, growth, other system demands)
 - 2. Inspection Program Strategy and Resiliency Evaluation Method
 - 3. Analysis of Alternatives to Address Resiliency Deficiencies
 - a. O&M Mitigation Measures
 - b. Short-term and long-term capital improvement measures
 - 4. Prioritization and Coordination
 - ii. Capacity Assessment
 - 1. Sewer System Capacity Evaluation
 - 2. Analysis of Alternatives to Address Capacity Deficiencies
 - a. O&M Mitigation Measures
 - b. Short-term and long-term capital improvement measures
 - 3. Prioritization and Coordination
- g. Capital Improvement Program Plan
 - i. Forecasted Capital Improvement Needs
 - ii. Design and Construction Standards
- h. Communications
 - i. Communications with Governing Board
 - ii. Communications with Stakeholders and Satellite Agencies
 - iii. Communications with Public
 - 1. Availability of SSMP

Commented [CAoS16]: This is another example of an item where, at least for small systems, the requirement would need to be flexible to respond to needs, budget, etc. and may not be most appropriate as a "report."

Commented [CAoS17]: Not clear what is expected here.

Commented [CAoS18]: Not every system needs a FOG program. Another example of where smaller systems might not be required to include every component of the SSMP outline.

Commented [CAoS19]: This could be read as an expansion of the FOG program to include other pretreatment requirements related to NPDES treatment permits. Is that really intended here?

Commented [CAoS20]: We are extremely concerned about the level of effort expected here, again what are the expectations, especially for small systems? Resiliency should be a defined term early in the WDR.

Commented [CAoS21]: It makes sense to move all of this to a combined CIP section so they are discussed together.

Commented [CAoS22]: Need more specificity here. Could include all future planning for capacity, renewal and replacement of pipes and pump stations.

EXCERPT OF INITIALLY-PROPOSED SSMP PROVISIONS

2. Opportunity to Provide Feedback
- i. Program Monitoring, Measurement, and Modification
 - i. Performance Monitoring and Measurement
 1. Key Performance Indicators
 2. Measurement
 - ii. Management Review and Program Audits
 - iii. Program Modifications
 1. Planned
 2. Completed

Commented [CAoS23]: What specific KPIs are you trying to focus on here? Need more clarity.

Commented [CAoS24]: Is management review an additional layer to the audit requirements? It is not clear what is meant here.

Commented [CAoS25]: Is this the same as the SSMP change log?

Sherry Hull

From: Sherry Hull
Sent: Tuesday, March 12, 2019 4:04 PM
To: Sherry Hull
Subject: SSS WDR
Attachments: Draft SSS WDR SSMP Outline_3-6-2019.docx

From: Adam Link <alink@casaweb.org>
Sent: Tuesday, March 12, 2019 1:28 PM
To: Adam Link via Collectionwg <collectionwg@lists.casaweb.org>; LFrigo@ocsd.com; nsmal@lacsds.org; ryoshida@lacsds.org; NMunakata@lacsds.org; Marissa.Flores@sbmwd.org; ngranquist@DowneyBrand.com; mthorne@DowneyBrand.com; javiera@emwd.org; RyJackson@sfwater.org; matthew.bequette@lacity.org; jwestfall@lacsds.org; David Williams <dwilliams@bacwa.org>; Lorien Fono <lfono@bacwa.org>; Steve Jepsen <sjepsen@dudek.com>; Haney, Lisa <LHaney@OCSD.COM>; eoifficer@cvcwa.org; Pagano, Laura <laura.pagano@veolia.com>; PAUL CAUSEY <causeywc@comcast.net>; Oriol. Heidi <oriolh@sacsewer.com>; Jared Voskuhl <JVoskuhl@casaweb.org>
Subject: SSS WDR Workgroup - Meeting #3 Summary

SSS WDR Subgroup,

Last Friday we had our third meeting with SWRCB staff to discuss the SSS WDR, and specifically their proposal for the SSMP outline. Many thanks to those who attended in person, and apologies for the confusion for those of you calling in. Apparently SWRCB staff had dialed a different call-in number. We did not make as much progress on specific items as I would have liked, but we did discuss several items of interest summarized below:

Upcoming Workshops/ Meetings/ Timelines

- Water Board staff intend to hold 5 different workshops across the state (Fresno/Chino/San Diego/Sacramento/Redding) on the update. These locations are targeting disadvantaged communities input. Official notices have not gone out yet, but 2-3 of them will be in late April. Stay tuned.
- CWEA will have some specialty workshops in May/June. These will not focus on the SSS WDR update exclusively, but general operational issues. Dates and locations as follows: 5/7 San Ramon; 5/15 San Luis Obispo; 5/22 Hyperion LA.
- The overall expected timeline for adoption of a revised WDR has been extended, with a draft permit expected out at end of summer or early fall, meaning adoption would likely be end of this year or beginning of next year.
- We will have an opportunity to pre-review several elements of the proposed WDR and MRP revisions going forward, notably related to the definitions section, and items that deal with some of our previous redlines such as the "category 4" spill designation and the criteria for being a "Class A" or "good actor" type system. We talked extensively about the "Class A" designation, and one note that came out was the Water Board staff intend Class A to be determined by each WDID number, not by agency (some of which have multiple WDIDs).
- Because of the turnover in Board members recently (three very new members currently), going forward all formal public stakeholder meetings must now be publicly noticed and go to the Board, which we take to mean a lot of processes could take a bit longer and far more transparency from the Water Board Staff.
- We discussed another potential meeting in June following the April/May meetings, and Water Board staff may also consider facilitating a joint discharger/NGO meeting in Sacramento based upon Fridays discussions regarding value of understanding both perspectives.
- The Water Board staff are meeting next week with the NGO stakeholders to get their thoughts.

Other Stakeholder/Internal Outreach

Four main items Water Board staff have heard from their management, the Regional Boards and from other focused stakeholder groups include:

- The Regional Boards desire more clear references to various regulations, laws, and compliance requirements tied to the provisions with the WDR and MRP for easier interpretation of agency compliance and for enforcement actions.
- The possibility of the WDR having an “NPDES component” (not sure what this means, we need to get more info on this)
- The inclusion of large private systems (NOT private laterals), likely those exceeding a certain size threshold (e.g. one mile of pipe or more)
- The Water Board will NOT be changing or altering any existing laws impacting sanitary sewer systems during this reissuance.

Specifics on the SSMP Outline

- Water Board staff is looking to dischargers to shape the SSMP outline going forward.
- Water Board staff’s vision is to have some equivalent of the SSMP outline attached as an appendices to the permit itself, as a guide but not as a mandate that any particular SSMP be structured in the exact same way. This might be as simple as a checklist for agencies to assure coverage in their SSMP. Water Board believes Section D13 now takes away from the regulatory value of the rest of the WDR and that agencies stress the SSMP compliance ignoring other important regulatory provisions.
- We were able to briefly share our general concerns with the SSMP outline, notably that it doesn’t follow the existing structure of the WDR, contains a lot of very seemingly prescriptive elements, doesn’t define key terms (specifically surrounding asset management and resiliency), and that exceptions for smaller agencies are not called out.
- Water Board staff acknowledged that not every element will need to be completed by every agency (primarily to not burden smaller agencies), and the approach would be similar to what is done now with a brief explanation of why a particular element may not be applicable or necessary.
- There was some discussion about how the State Board determines compliance of the SSMP with the regulations, not Regional Boards, yet there is no uniformity in how Regional Boards assess SSMPs.
- We requested the Water Board consider publishing Regional Board differences in WDR interpretation from the regions and they seemed open to the request.
- Water Board staff made it clear that asset management provisions are being pushed strongly by EPA and must be contained (in some form) in the final WDR as EPA will need to sign off on the final regulation.
- In our discussion related to climate change and resiliency provisions, Water Board staff pointed to several examples in current regulations for our review for the WDR, including the NPDES permits for domestic water systems, new industrial waste permits, and new pesticide permits. Staff was open to reviewing any current collection system industry guidance that we were able to provide or suggest on this.

Toward the end of the meeting it was clear that Water Board staff were not dead-set on using this particular structure, but wanted to make sure these elements in the SSMP outline are included in the SSMP in some way. One idea from our group is that rather than using their SSMP outline (updated version attached) as a starting point for the structure and trying to tweak/comment/modify it, it may make sense to try and place the elements of that outline (to the extent we think they make sense and can be included), into the existing structure of the SSMP section of the WDR. Water Board staff would like to receive comprehensive SSMP wording not just an outline from the dischargers. This would be a heavy lift and we can discuss further at our in-person meeting with SCAP on March 27th.

Let me know if you have any follow up questions or concerns. Thanks.

- Adam

Adam D. Link
Director of Operations
California Association of Sanitation Agencies

916.446.0388, ext 102 (office)

916.947.2900 (mobile)

Ensuring Clean Water for California

www.casaweb.org



Steering Committee Meeting Agenda

March 4, 2019 - 10 to 11:30 am

Location: Carollo Engineers
2700 Ygnacio Valley Road, Suite 300
Walnut Creek, CA 94598

Dial-In: 866-909-9493

Passcode: 977 213 8504 #

- 1. Welcome & Introductions (5 min)**
- 2. Priority Issues (80 min)**
 - a. Coalition Business Updates (20 min)
 - i. Becoming a “project of special benefit” under BACWA
 - ii. Program Management Contract & Scope (Progress Update)
 - iii. Communications / Marketing Tools Contract & Schedule
 1. Option to start work now under CASA, then shift to BACWA OR wait until new fiscal year to start work under BACWA
 - b. Proposed Updates to Coalition’s 2019 Strategic Plan (60 min)
- 3. Action Items Summary (5 min)**
- 4. Adjourn**

Page 71 of 116

2019 Scope of Work

The existing contract has been extended for January - June 2019 with the original tasks (listed below), with a focus on summarizing work done under Task 2 in 2018 that will be the focus of the PM's work over the next six months:

Task 1: Administrative (meeting coordination, preparation, documentation, as well as updating the strategic plan)

Task 2: As Needed Project Development (assessing the five options that passed the initial screening evaluation)

Task 3: External Communication (updating the website)

Task 4: Financial (mostly complete since setting up the annual dues structure)

Task 5: Funding Opportunity Review and Response (executed upon approval of a separate scope of work by the Coalition per the contract)

Carollo's time will focus on utilizing the results of work completed in 2018 under Task 2 (Project Development) to prepare a simple report summarizing the scenarios developed and the methodology used to reach the conclusions. Carollo will also prepare a presentation highlighting accomplishments to date. The following subtasks are required:

Report Preparation

Carollo will develop a draft report summarizing work completed for the Coalition in 2018. This report will include four components:

- Evaluation of Potential Host Sites: The map of Coalition members' available land to potentially host a biosolids management option and the table summarizing the constraints at each of these potential host sites will be included in the report.
- Market Assessment: A summary of the biosolids end use products considered during scenario development. Additionally, a summary of current agricultural land uses in Bay Area Counties will be provided along with their potential for land application of biosolids products.
- Concept Facility Development: The criteria used to screen potential biosolids management options will be listed and the five options that met the screening criteria at that point in time will be briefly described. Planning level cost estimates for various sized facilities of each option will be summarized along with the assumptions used to develop the cost estimates.
- Concept Facility Evaluation: The five scenarios developed (from various combinations of the biosolids management options) and the evaluation process applied to meet the Coalition's objective of identifying a diverse portfolio biosolids management solution that can reliably process approximately 60,000 dry tons per year that are currently landfilled and make beneficial use the product will be summarized. The evaluation criteria agreed upon by Coalition members will be listed as well.

Deliverables

- Draft Summary Report (including figures previously developed in 2018 by task) anticipated to be approximately 15-20 pages for Coalition member review.
- Final Summary Report.

Presentation Development

Carollo will develop a presentation summarizing work completed for the Coalition in 2018. This presentation can be used by Coalition members to present to their respective Boards.

Deliverables:

- Draft Presentation in PowerPoint format for Coalition member review.
- Final Presentation in PowerPoint format.

Future Work

This task is a placeholder for future work by the program manager as determined and approved by the Coalition.

BABC Strategic Plan Framework

Mission (what are we doing?):

Work collaboratively with bay area utilities to enhance environmental quality and develop cost effective and socially conscious solutions for biosolids management.

Vision (why are we doing it? Also can be thought of as the outcome of the mission):

To create a Bay Area region where 100% of biosolids are used and recognized as an environmental asset.

Goals:

1. Support the development of a diverse and cost-effective portfolio of biosolids resource recovery projects for the San Francisco Bay Area

Potential Strategies

- Negotiate group contracting w/ biosolids management contractors
- Support public-private partnerships
- Vet and promote promising emerging technologies
- Advocate for project funding through regular communication with state and national organizations

2. Communicate the value of biosolids

Potential Strategies

- Internal communications for utilities to take to their leadership
- External communications for the bay area
- Proactive web presence

3. Support and expand land application

Potential Strategies

- Participation in Solano County annual stakeholder meetings
- Work collaboratively with regulators
- Develop relationships with farmers and ranchers

4. Support and fund university research

Potential Strategies

- Develop ongoing relationships with university researchers
- Develop a multi-year research strategy outlining the challenges/opportunities seeking to be addressed, research lead, cost and outcomes

5. Establish unified regional best practices for biosolids programs

Potential Strategies

- Host a regional two-day workshop for biosolids program managers focused on sharing best practices
- Produce a biosolids management maturity model for the Bay Area using information gathered from the workshop

Values:

Collaboration: we leverage regional resources for the purposes of reducing competition, sharing knowledge and resources, minimizing risk, and increasing efficiency across agencies.

Knowledge: we develop and share knowledge through science and research to advance the understanding of the role of biosolids.

Leadership: we serve as leaders in our communities and across the country advocating for environmental enhancement and best management practices.

Environmental Stewardship: we promote solutions for the highest and best use of biosolids in the San Francisco Bay Area.

Sustainability and Resource Recovery: we aim to sustain the work we do in a cost-effective, environmentally beneficial, and socially responsible manner for decades to come.

How to Implement the Strategic Plan:

1. Develop, review, solicit feedback and approve the multi-year strategic plan content – mission, vision, values, goals. Recognize that this content will remain fixed for the three-year duration of the plan
 - a. Recommended two or three-year timeframe (ex. FY 19-20 – 21-22)
2. Organize an annual planning retreat to determine the time-bound deliverables that we will produce *within/beneath* each goal area.
 - a. Recommend holding this planning retreat in March of each year so that implementation can begin in July
 - b. These deliverables can be called strategies, targets, or action times... whatever we feel is best.
 - c. Purpose of setting deliverables is to call out specific ways in which we will work to achieve our three-year goals along with who will perform the work and what resources are necessary
3. Reserve time during each BABC meeting to report out on the progress of each strategy

AED & RPM Estimate of time to support BABC:

Area of Support Est Hours

Financial	AED	RPM	Initial set up of non-Member accounts with EBMUD, Invoicing, Process payments, Track Budget
Non-recurring		1	Set up BABC line items with EBMUD & transfer funds
		6	Revenue Invoicing of BABC Members 17+, not all are BACWA Members
		3	Track Revenue Invoices Weekly update from Customer Report and follow ups with past due invoices
		6	Consultant Invoice processing 2 Consultants, monthly invoicing. Obtain approvals, process for payment
		6	Set up and Track Budget Coordinate with BABC
Meetings (12)			Monthly or Bi-monthly meetings, no catering, reserve venues, Conferencing, Agendas, Minutes
		6	Reserve meeting space assumes 12 meetings
		60	Attend meetings
		24	Draft meeting notes
Documents			2 Consultant Agreements
		4	Create & process Consultant Agreement(s)
		2	Maintain documents Partly RPM?
Communications			4 Add Group and documents to website
			1 Add meetings to Calendar
Miscellaneous		6	General assistance
TOTAL FY20		40	89
	@ \$63.07	\$2,522.80	
	@ \$100.16	\$8,914.24	
TOTAL	\$11,437.04		

Sherry Hull

From: Sherry Hull
Sent: Monday, March 11, 2019 11:46 AM
To: Sherry Hull
Subject: BACWA support for two ReNUWIt workshops
Attachments: stormwater_brief description_March 5.pdf

From: Richard G. Luthy <luthy@stanford.edu>
Sent: Tuesday, March 5, 2019 1:22 PM
To: David Williams <dwilliams@bacwa.org>
Cc: Richard G. Luthy <luthy@stanford.edu>; Jacqueline Zipkin <JZipkin@ebda.org>; Kara Elizabeth Baker <Kara.Baker@stanford.edu>; Sasha Harris-lovett <sharrislovett@berkeley.edu>; David Sedlak <sedlak@berkeley.edu>
Subject: BACWA support for two workshops

Dave:

It was nice to see you at Stanford two weeks ago. During the meeting you generously allowed me time to talk about a Bay Area One Water Network.

As a followup to that meeting, I want to talk to you about support for two workshops to be held in 2019—one on stormwater capture for use, and one decentralized/centralized systems for reuse.

I've had conversations with various individuals about the best way to organizing a planning committee for each workshop, and I welcome your advice. I have also been thinking about financial support for each workshop and wonder if it makes more sense to receive one contribution from BACWA rather than contacting your members individually. This was a question posed by Jackie Zipkin. Upon reflection, I think it is better to ask once rather than a number of times.

For the workshops we need about \$50k each for the facilitator and subsequent document production. Could BACWA contribute \$50k (\$25k for each workshop)? If so, I would ask the water supply agencies and local governments to match that amount.

Attached is a draft one page prospectus on the stormwater workshop, and we can send you a similar one on decentralized/centralized systems for reuse in a few days.

The goal of the workshops is not to develop original planning documents, which is best done by the agencies. Rather the goals are to:

- Build partnerships,
- Seek opportunities to avoid disjointed efforts,
- Identify actions that may provide the biggest payoffs, and
- Develop pointed examples (case studies) of possible solutions.

I understand that people are doing their best to develop sustainable water supplies so the workshops are an opportunity to highlight and recognize good work while discussing pathways for moving ahead. We can be thought provoking and discuss and how to galvanize action when there are many players.

Perhaps we could talk on the phone Wednesday or Thursday morning, between 9:30 and noon. Let me know if there's a convenient time and number to call.

Best wishes, Dick

Richard G. Luthy

Silas H. Palmer Professor, Department Civil and Environmental Engineering, and

Director, Engineering Research Center for Re-inventing the Nation's Urban Water Infrastructure [renuwit.org]

Street address: Room 191, Yang & Yamazaki Environment & Energy Building, 473 Via Ortega

Stanford University, Stanford, California 94305-4020

[email: luthy@stanford.edu](mailto:luthy@stanford.edu) telephone: 650-721-2615 fax: 650-725-9720

Research Group

Increasing Stormwater Capture to Supplement Drinking Water Supplies

Sponsored by: ReNUWIt, Berkeley Water Center, possibly others

Statement of Purpose:

Urban stormwater is increasingly seen as a viable water supply that can help diversify the portfolio of water sources to build water security and resiliency in arid climates. Effective, low-energy, cost-efficient treatments to remove contaminants from stormwater prior to aquifer recharge are in development and maturing. These technologies are especially promising in arid and semi-arid regions with low-frequency, high-magnitude rainstorms as they can increase drinking water supplies while protecting vulnerable infrastructure and communities from the damaging effects of flooding.

Despite its promise, stormwater capture, treatment and use has not been a major part of the discussion of water security the Bay Area to date. Opportunities for using stormwater to supplement drinking water exist in districts that use groundwater, such as Livermore and Silicon Valley, as well as Marin and Sonoma counties. Environmental and urban planners in the Bay Area have expressed growing interest and dedicated funds to “green infrastructure” for stormwater management to prevent urban flooding and minimize aquatic pollution. Water supply has been mentioned, but the potential benefits of green infrastructure for water supply have not been quantified. To date, there have been limited opportunities for drinking water utility managers, representative of stormwater management agencies, land-use planners, consultants, advocates and regulators in the region to discuss strategies and approaches to overcome existing barriers and enable accelerated investment in stormwater capture to supplement drinking water supplies.

By engaging a focused group of thought leaders who bring different perspectives based upon their organizations’ mission, this workshop aims to advance the conversation and identify a path forward to increased stormwater capture and use. The desired impacts of this convening are to:

1. Create meaningful connections and facilitate interactions among people and organizations with strong professional interests in stormwater capture to supplement drinking water supplies in the Bay Area.
2. Highlight multiple benefits and potential opportunities for stormwater capture by reviewing experiences, including successful outcomes, in the Bay Area and other locations.
3. Characterize existing technical and institutional barriers for implementation of stormwater capture in the Bay Area.
4. Define practical and implementable strategies for overcoming barriers and advancing the viability of stormwater capture.
5. Identify a path forward on stormwater capture for ReNUWIt, Berkeley Water Center, and others to pursue.

Advancing water reuse: opportunities for centralized and decentralized systems

Sponsored by: ReNUWIt, Berkeley Water Center, possibly others

Statement of Purpose:

California has been a global leader in water reuse. Starting in the mid- twentieth century, utilities have built and operated non-potable water reuse systems that distribute effluent from sewage treatment plants for irrigation, power plant cooling and other uses. In the 1970s, California utilities pioneered the practice of potable water reuse, in which wastewater effluent was recharged to drinking water aquifers. In recent decades, construction of new non-potable water reuse systems has slowed because it is costly and logistically challenging to install pipes that transport recycled water from sewage treatment plants to where it will be used.

In parallel with investments in non-potable and potable water reuse, architects and real estate developers have created building- and district-scale non-potable water reuse systems. The movement towards this decentralized form of water reuse has been driven by interest in making entire buildings and developments more sustainable.

Although centralized and decentralized water reuse efforts are not mutually exclusive, uncoordinated development of different systems can create situations in which decentralized and centralized water reuse systems work at odds to each other. For example, increased building-scale water reuse could deprive existing centralized municipal water reuse systems of water. To date, there have been limited opportunities in the Bay Area for municipal utility managers, building-scale developers and businesses engaged with water recycling to discuss strategies and approaches for coordinating water reuse systems.

This workshop engages a focused group of thought leaders who bring different perspectives based upon their organizations' mission to identify a path forward for advancing water reuse in the Bay Area. The desired impacts of this convening are to:

1. Create meaningful connections and facilitate interactions among people and organizations with strong professional interests in water recycling in the Bay Area.
2. Highlight potential opportunities for coordinating building-scale, neighborhood-scale, and municipal-scale water recycling by reviewing experiences, including successful outcomes, in the Bay Area and other locations.
3. Characterize existing technical and institutional barriers for increased water recycling and coordination at the building-scale, neighborhood-scale, and municipal-scale in the Bay Area.
4. Define practical and implementable strategies for overcoming barriers and advancing the coordinated development of both centralized and decentralized systems for water recycling.

Participants would include individuals from wastewater and water agencies, building-scale and neighborhood-scale project developers including tech campuses, advocates and consultants, government and academia.

Where: Stanford or Berkeley, TBD,

Who: (in no particular order)

Wastewater and water agencies

Building-scale and neighborhood scale water recycling

Advocates and consultants

Government

Academia



POLICY NUMBER: BAP – 1.08

NAME OF POLICY: Website

LAST REVISED:

PREVIOUSLY LAST REVISED:

PURPOSE: To provide direction on development, use, and maintenance of a website for the organization.

POLICY: BACWA shall develop and maintain a website for the benefit of its members and to assist in completing its mission. At a minimum the website should contain the following key information or categories which can be searched for information:

- documents produced by BACWA
- calendar of meeting and events
- announcements
- BACWA committee information
- general information about BACWA
- key contact information

The website should be available to the public but may have one or more member-only sections, requiring a password to access. The website should contain information of benefit to the BACWA membership including information on regulatory, technical, and public education issues. The website will not contain any advertising materials for third-party entities. The BACWA Executive Director or his/her designee will serve as the Administrator of the website.

The goal is to keep the website current and informative to foster use by the BACWA members.



FISCAL YEAR 2019	FISCAL YEAR 2020
58% of Budget	

BACWA FY20 BUDGET	Line Item Description	FY 2019 Budget	Actuals Jan 2019	Actual % of Budget Jan 2019	Variance	FY20 DRAFT Budget	NOTES
REVENUES & FUNDING							
Dues	Principals' Contributions	\$496,837	\$496,835	100.00%	-\$2	\$506,774	FY20: 2% increase. 5 @ \$101,355
	Associate & Affiliate Contributions	\$182,144	\$171,549	94.18%	-\$10,595	\$184,111	FY20: 2% increase. 13 Assoc: \$8,364; 45 Affiliate: \$1,675. One collection member cancelled in FY19
Fees	Clean Bay Collaborative	\$675,000	\$658,730	97.59%	-\$16,270	\$675,000	Prin: \$450,000; Assoc/Affil: \$225,000
	Nutrient Surcharge	\$800,000	\$779,522	97.44%	-\$20,478	\$1,700,000	See Nutrient Surcharge Spreadsheet
	Voluntary Nutrient Contributions	\$0	\$0		\$0	\$0	
Other Receipts	AIR Non-Member	\$6,800	\$6,800	100.00%	\$0	\$6,936	2% increase (Santa Rosa)
	BAPPG Non-Members	\$3,800	\$3,801	100.03%	\$1	\$3,876	2% increase (Sta Rosa, Sac Reg'l, Vacaville) \$1,292/each
	Other	\$0	\$55,000		\$55,000	\$0	FY19: Biosolids & Climate Change Research in Agricultural Soils Project (\$30k received in FY18) will not be on FY20 Budget
Fund Transfer	Special Program Admin Fees	\$5,000	\$0	0.00%	-\$5,000	\$5,100	FY20: WOT/BACWWE, BABC? Increase to WOT/BACWWE at 2%
Interest Income	LAIF	\$20,000	\$36,795	183.98%	\$16,795	\$20,000	BACWA, Legal, & CBC Funds invested in LAIF
	Higher Yield Investments	\$9,000	\$7,708	85.64%	-\$1,292	\$18,000	Alternative Investment Interest (Legal & CBC Funds invested in AltInv)
	Total Revenue	\$2,198,581	\$2,216,740	100.83%	\$18,159	\$3,119,797	
EXPENSES							
Labor							
	Executive Director	\$201,682	\$100,841	50.00%	-\$100,841	\$207,531	ED requested 2.9%; \$99.77/hour; contract based on full time same as FY 19, 2080 hrs
	Assistant Executive Director	\$90,526	\$54,798	60.53%	-\$35,728	\$100,907	4.5% CPI (SF Bay Metro Area Dec 2018); \$63.07/hour; Reflects 1600 hours/yr (1500 FY 19 + 100 hrs additional for FY 20)
	Regulatory Program Manager	\$119,815	\$68,581	57.24%	-\$51,234	\$137,727	4.5% CPI (SF Bay Metro Area Dec 2018); \$100.16/hour; Reflects 1375 hours/yr (1250 FY 19 + 125 additional hrs for FY 20)
	Total	\$412,023	\$224,220	54.42%	-\$187,803	\$446,165	
Administration							
	EBMUD Financial Services	\$40,800	\$12,740	31.23%	-\$28,060	\$41,616	2% increase
	Auditing Services (Maze)	\$6,426	-\$67	-1.04%	-\$6,493	\$5,240	Lg Variance is due to Cash vs Accrual. New Auditor Contract expected in March 2019
	Administrative Expenses	\$7,650	\$2,686	35.11%	-\$4,964	\$7,803	2% increase. Travel, Supplies, Parking, Mileage, Tolls, Misc.
	Insurance	\$4,590	\$4,393	95.71%	-\$197	\$4,682	2% increase
	Total	\$59,466	\$19,752	33.22%	-\$39,714	\$59,341	
Meetings							
	EB Meetings	\$2,550	\$845	33.14%	-\$1,705	\$2,601	2% increase. Catering, Venue, other expenses
	Annual Meeting	\$10,200	\$9,413	92.28%	-\$787	\$12,000	2% increase. Catering, Venue, other expenses
	Pardee	\$6,120	\$5,608	91.63%	-\$512	\$6,242	2% increase. Catering, Venue, other expenses
	Misc. Meetings	\$5,100	\$4,679	91.75%	-\$421	\$5,202	2% increase. Hol & Comm Chair Lunch, Staff Mtgs, Fin Comm, Summit Ptnrs, CASA, NACWA Tech WS, Low Flow WS
	Total	\$23,970	\$20,545	85.71%	-\$3,425	\$26,045	
Communication							
	Website Hosting (Computer Courage)	\$600	\$600	100%	\$0	\$600	Paid in advance in FY19 to lock in lower rate
	File Storage (Box.net)	\$750	\$720	96%	-\$30	\$750	
	Website Development/Maintenance	\$1,500	\$0	0%	-\$1,500	\$1,500	Domains (due again in FY20), website changes
	IT Support (As Needed)	\$2,600	\$315	12%	-\$2,285	\$2,600	
	Other Commun (MS, SM, Backup, PollEv)	\$1,500	\$1,143	76%	-\$357	\$1,750	MS Exchange, Survey Monkey (incr in FY20), Carbonite, Doodle Polls, PollEv, GoToMtg
	Total	\$6,950	\$2,778	40%	-\$4,172	\$7,150	

EXPENSES							
Legal							
	Regulatory Support	\$2,601	\$195	7%	-\$2,406	\$2,653	2% increase
	Executive Board Support	\$2,091	\$238	11%	-\$1,853	\$2,133	2% increase
	Total	\$4,692	\$433	9%	-\$4,259	\$4,786	
Committees						Requested	
	AIR	\$51,000	\$22,382	44%	-\$28,618	\$76,000	\$75k consulting support, \$1k misc expenses
	BAPPG	\$100,000	\$59,420	59%	-\$40,580	\$100,000	Includes CPSC @ \$10,000, OWOW @ \$10,000, and Pest. Reg Spt. @ \$15,000, Paid Baywise Hosting in FY19 to lock in rate
	Biosolids Committee	\$3,100	\$206	7%	-\$2,894	\$1,000	
	Collections System	\$1,000	\$0	0%	-\$1,000	\$1,000	
	InfoShare Groups	\$1,200	\$404	34%	-\$796	\$1,000	FY19: funds for 2 workgroups (Asset Mgmt & O&M - AM on hiatus in FY20)
	Laboratory Committee	\$6,100	\$0	0%	-\$6,100	\$1,000	FY19: Includes Tech Conf. & training funds
	Permits Committee	\$1,000	\$556	56%	-\$444	\$1,300	all meetings moved to include lunch hour for commuting purposes
	Pretreatment	\$7,500	\$0	0%	-\$7,500	\$2,000	FY20: Includes \$1,000 for training
	Recycled Water Committee	\$1,000	\$0	0%	-\$1,000	\$1,000	
	Misc Committee Support	\$45,000	\$0	0%	-\$45,000	\$45,000	\$10,000 increase in FY19
	Manager's Roundtable	\$1,000	\$111	11%	-\$889	\$1,000	Unchanged
	Total	\$217,900	\$83,079	38%	-\$134,821	\$230,300	
Collaboratives							
	Collaboratives						
	State of the Estuary (SFEP-biennial)	\$20,000	\$0	0%	-\$20,000	\$0	Biennial in Odd Fiscal Years. (Paid biennially in odd years for even year conference)
	Arleen Navarret Award	\$0	\$1,000		\$1,000	\$2,500	Biennial in Even Fiscal Years (FY18 Budgeted Amount paid in FY19) Increase in FY20
	FWQC (Fred Andes)	\$7,500	\$7,500	100%	\$0	\$7,500	Dues unchanged in FY19, FY20 notice not received yet
	Stanford ERC (ReNUWit)	\$10,000	\$10,000	100%	\$0	\$10,000	Jackie to confirm the number of years remaining on BACWA annual commitment
	Misc	\$5,000	\$8,971	179%	\$3,971	\$5,000	BayCAN FY19 Annual Membership (NBWA? \$1,500 in FY18)
	Total	\$42,500	\$27,471	65%	-\$15,029	\$25,000	
Other							
	Unbudgeted Items						
	Other	\$0	\$85,000		\$85,000	\$0	Biosolids & Climate Change Research in Agricultural Soils Project (\$30k rec'd in FY18, \$55k rec'd in FY19)
		\$0	\$85,000		\$85,000	\$0	
Tech Support							
	Technical Support						
	Nutrients						
	Watershed	\$880,000	\$1,080,000	123%	\$200,000	\$2,000,000	1st year of 2nd WS Permit less \$200k paid in advance in FY19
	NMS Voluntary Contributions	\$200,000	\$200,000	100%	\$0	\$0	
	Additional work under permit	\$100,000	\$12,132	12%	-\$87,868	\$100,000	Will include HDR PO for \$225k spread out over FY20-24.
	Opt/Upgrade/Annual Reporting Studies	\$25,000	\$25,652	103%	\$652	\$0	This line item will be deleted in FY20
	Regional Study on Non-Gray Scape	\$0	\$0	0%	\$0	\$500,000	New Line item in FY20
	Member Voluntary Nutrient Contributions	\$0	\$0		\$0	\$0	
	Nutrient Workshop(s)	\$20,000	\$27,272	136%	\$7,272	\$0	Pilot Studies/Plant Review/Innovative Technologies
	General Tech Support	\$51,000	\$0	0%	-\$51,000	\$52,020	2% increase. (EOA ChlResidBPA expires at end of FY19)
	Risk Reduction	\$10,000	\$0	0%	-\$10,000	\$20,000	\$50,000 over 5 years (FY19-FY23) 2 Contracts for \$25,000 each over FY19, 20, & 21
	Total	\$1,286,000	\$1,345,056	105%	\$59,056	\$2,672,020	
	TOTAL EXPENSES	\$2,053,501	\$1,808,334	88%	-\$245,167	\$3,470,857	
	NET INCOME BEFORE TRANSFERS	\$145,080	\$408,406			-\$351,060	
	TRANSFERS FROM RESERVES	\$0				\$351,060	aligns with strategy of drawing down reserves to lessen impact of Nutrient Surcharge
	NET INCOME AFTER TRANSFERS	\$145,080				\$0	
	TOTAL OPERATING BUDGET	\$767,501				\$798,837	

Budget & Workplan

FISCAL YEAR 2020



Table of Contents

INTRODUCTION	2
STRATEGIC PLAN	3
MANAGEMENT & ADMINISTRATION (PART A)	4
GENERAL BENEFIT PROGRAMS (PART B)	5
BACWA MEMBER AGENCY AND CLEAN BAY COLLABORATIVE PROGRAM	5
SPECIAL BENEFIT PROGRAMS (PART C)	7
WATER OPERATOR TRAINING	7
FISCAL YEAR 2020 BUDGET	8

INTRODUCTION

The Bay Area Clean Water Agencies (BACWA) is a joint public powers agency created by a 1984 Joint Powers Agreement (JPA) between the Central Contra Costa Sanitary District (CCCSD), the East Bay Dischargers Association (EBDA), the East Bay Municipal Utility District (EBMUD), the City of San Francisco, and the City of San Jose (collectively, “the Principal Agencies”). The JPA requires approval of an annual budget and workplan divided into three parts: overhead (Part A), general benefit programs (Part B), and special benefit programs (Part C).

The JPA requires that revenues for each fiscal year be equivalent to anticipated expenditures. Expenditures for Management & Administration (Part A), and General Benefit Programs (Part B) are funded by all BACWA members because these programs are carried out on behalf of all member agencies.

Since adoption of the Annual Budget for fiscal year 1984, and each fiscal year thereafter, the Executive Board has allocated Part A and Part B costs pursuant to authority provided in Section 10 of the Joint Powers Agreement among Member Agencies in the following manner (the “Allocation Method”):

a. a stated portion to the Original Signatory Members in equal shares; and b. the balance to Associate and Affiliate Members based on one or more of several factors consisting of the type of agency, size of plant, metals loadings, and total nitrogen loadings in the ratio that their share is to that of the total Associate and Affiliate Membership. On September 26, 2014 BACWA formally adopted this allocation through Executive Board Resolution R-2015-01. BACWA currently has two General Benefit Programs: the core BACWA program to support member agencies and the Clean Bay Collaborative. Expenditures for Special Benefit Programs (Part C) are funded by those agencies that elect to fund those programs because those benefits accrue primarily to those participating agencies.

In FY19 BACWA had two Special Benefit Programs: Water Operator Training, and Proposition 84 Administration. In FY20 BACWA will have one Special Benefit Program due to the expiration of the Proposition 84 Program on December 31, 2018. Another Special Benefit Program is being considered for implementation in FY 20. The Program is the Bay Area Biosolids Coalition which is comprised of a subset of BACWA members who are pursuing alternatives for biosolids beneficial reuse and/or disposal in order to meet future regulatory requirements for diversion of organics from landfills. If the program is implemented at the beginning of or during FY 20, it will conform to the JPA requirements under Part C.

The purpose of this document is to fulfill the requirements of the JPA for Fiscal Year 2020 (FY20). This workplan and budget specify the purpose of each of BACWA’s programs during FY20, the methods by which they will be carried out, the products that will be developed, and the persons responsible for implementation. The schedule for implementation of these programs is July 1, 2019 through June 30, 2020.

STRATEGIC PLAN

BACWA adopted its first strategic plan and accompanying workplan in 2009 and subsequently refined it in 2011. The strategic plan states the mission, values and goals of the organization as demonstrated in the work undertaken annually by the agency.

Mission

Through leadership, science and advocacy, BACWA provides an effective regional voice for the clean water community's role in stewardship of the San Francisco Bay environment.

Values

Leadership
Environmental Stewardship
Collaboration
Transparency
Fiscal Responsibility
Member Service

Goals

Member Service

1. Members are informed of critical issues and activities.
2. Members comply with applicable rules and regulations.

Informed Regulation

3. Environmental regulations and policies reflect the best available scientific, technical, and economic information.
4. Regulations consider environmental, social, and economic sustainability.

Environmental Stewardship

5. Members optimize the value available from wastewater.
6. Watershed management principles are applied to address San Francisco Bay management challenges.

MANAGEMENT AND ADMINISTRATION (PART A)

BACWA has administrative and management expenses that are necessary for the agency to carry out its non-program related core functions (JPA, Section 9). They include expenses related to financial management, insurance, and organizational support. Administration of BACWA is carried out under contract by an Executive Director (ED), Assistant Executive Director (AED), and Regulatory Program Manager (RPM) selected by the Executive Board. Treasurer services are provided through an agreement with EBMUD who manages BACWA's finances and oversees the annual audit which is conducted by an independent auditor. The objective of these expenditures is to ensure effective, efficient, and transparent management of BACWA, which serves all of BACWA's goals.

Management & Administration				
Objective	Deliverables/Outcomes	Lead	FY 20 Budget	Budget Line
A. Effectively and efficiently manage BACWA as an organization (Labor, Meetings, and Administration)	A.1. Monthly Treasurer Reports,	ED, AED, EBMUD	\$41,616	Administration, Financial Services
	A.2. Annual audit	ED, AED, Auditor	\$5,240	Administration, Audit Services
	A.3. Miscellaneous Operational Expenses	ED, AED, RPM	\$7,803	Administration, Admin Expenses
	A.4. Insurance to manage organizational risk	ED, AED	\$4,682	Administration, Insurance
	A.5. Compliance with organization legal requirements	ED, AED	\$2,133	Legal, Executive Board Support
	A.6. Program Administration and Operations Support	ED, AED, RPM	\$145,810	Labor, ED (15%), RPM (10%) AED (100%),
	A.7. Miscellaneous Meeting & Administrative Expenses	ED, AED	\$2,601	Meetings, Exec. Board Meetings
	A.8. Miscellaneous Meeting & Administrative Expenses	ED, AED	\$6,242	Meetings, Pardee Seminar
	A.9. Miscellaneous Meeting & Administrative Expenses	ED, AED, RPM	\$5,202	Meetings, Misc. Meetings
		TOTAL	\$221,329	

GENERAL BENEFIT PROGRAMS (PART B)

There are two aspects of BACWA's general benefit program: the core BACWA Member Agency program and the technically-focused Clean Bay Collaborative (CBC) program. Activities in these Programs are supported by the ED, AED, RPM, volunteers who Chair the BACWA Committees, and consultant support as needed.

BACWA MEMBER AGENCY PROGRAM AND CLEAN BAY COLLABORATIVE (CBC) (PART B.1.)

The **BACWA Member Agency Program** serves the following of BACWA's goals: (1) Members are informed of critical issues and activities, (2) Members comply with applicable rules and regulations, and (3) Environmental regulations and policies reflect the best available scientific, technical, and economic information.

These goals are accomplished by providing member agencies with information on regulations, scientific and technical developments; forums for participating in policy discussions and collaborating on mutually beneficial projects; and opportunities to engage with the larger Bay Area environmental community. Program expenses include support for committee facilitation and special projects; member workshops and trainings; membership in state and national organizations that disseminate information to members; and communication expenses such as the website, newsletters, the annual report, and the annual meeting.

The purpose of the **CBC program** is to respond to current regulatory requirements and to develop scientific, technical and industry information to inform future regulations and policies affecting Bay Area POTWs and the environment. Program expenses include the costs of special studies and reports requested by regulatory agencies, policy strategy development and implementation, and collaborations with statewide organizations to do the same. The goals of the CBC are to ensure that (1) regulations and policies reflect the best available scientific, technical, and economic information; (2) regulations consider environmental, social and economic sustainability; (3) members optimize the value available from wastewater; and (4) watershed management principles are applied to address San Francisco Bay management challenges.

Bay Area Clean Water Agencies				
Objective(s)	Deliverables/Outcomes	Lead	FY20 Budget	Budget Line
A. Effectively and efficiently manage BACWA as an organization (Committees: Labor, Meetings, and Administration)	A.1. AIR Committee Support - Admin Support - Technical Support	Chair, AED, RPM, Consultant	\$76,000	Committees, AIR Comm.
	A.2. BAPPG Committee Support - Multiple Programs	Chair, AED, RPM, Consultants	\$100,000	Committees, BAPPG Comm.
	A.3. Biosolids Comm. Support - Misc. Expenses - Conference attendance	Chair	\$1,000	Committees, Biosolids Comm.

	A.4. Collection Systems Comm. Support - Misc. Expenses	Chair, RPM	\$1,000	Committees, Collection Systems Comm.
	A.5. InfoShare Groups Support (Ops & Maint/Asset Mgmt) - Misc. Expenses	Chair, RPM	\$1,000	Committees, InfoShare Comm.
	A.6. Laboratory Comm. Support - Technical Conference - Training Events - Misc. Expenses	Chair, RPM	\$1,000	Committees, Laboratory Comm.
	A.7. Permits Comm. Support - Misc. Expenses	Chair, RPM	\$1,300	Committees, Permits Comm.
	A.8. Pretreatment Committee, - Training - Factsheet - Misc. Expenses	Chair	\$2,000	Committees, Pretreatment Comm.
	A.9. Recycled Water Comm., Misc. Expenses	Chair, RPM	\$1,000	Committees, Recycled Water Comm.
	A.10 Misc. Committee Support	ED, AED, RPM	\$45,000	Committees, Misc. Comm. Support
	A.11. Manager's Roundtable	ED, AED	\$1,000	Committees, Manager's Roundtable
	A.12. Executive Director	Board Chair	\$176,401	Labor, ED (85%)
	A.13. Legal Support	ED	\$2,653	Legal, Regulatory Legal Support
	A.14. Regulatory Program Manager	RPM	\$96,409	Labor, RPM (70%)
	A.15. File Storage	ED, AED	\$750	Communications, File Storage
	A.16. IT Support (As Needed)	ED, AED	\$2,600	Communications, IT Support
	A.17. Software (As Needed)	ED, AED	\$1,700	Communications, Software
B. Increase direct communication with members regarding regulatory developments and BACWA accomplishments. (Communication, Meetings)	B.1. Annual Meeting	ED, AED, RPM	\$10,404	Meetings, Annual Meeting
	B.2. Website Hosting	ED, AED, Consultant	\$600	Communications, Website Hosting
	B.3. Website Development/Maintenance	ED, AED, RPM, Consultant	\$1,500	Communications, Website Dev/Maint
C. Encourage partnerships and relationships that further BACWA's strategic goals. (Collaboratives)	C.1. State of the Estuary	ED, AED	\$0	Collaboratives, State of the Estuary
	C.2. Arleen Navarret Award	ED, AED	\$2,500	Collaboratives, Arleen Navarret Award
	C.3. Federal Water Quality Coalition	ED, AED	\$7,500	Collaboratives, FWQC
	C.4. Stanford ERC (ReNUWit)	ED, AED	\$10,000	Collaboratives, ReNUWit
	C.5. Miscellaneous	ED, AED	\$5,000	Collaboratives, Misc.

D. Further Nutrient related science and management goals for SF Bay and ensure compliance with Watershed Permit, Tech Support	D.1. Watershed	ED, RPM, Consultant	\$2,000,000	Tech. Support, Nutrients/Watershed
	D.2. NMS Voluntary Contributions	ED, RPM	\$0	Tech. Support, Nutrients/Watershed/Vol Contributions
	D.3. Additional Work Needed Under Permit	ED, RPM, Consultant	\$100,000	Tech. Support, Nutrients/Add'l Work Under Permit
	D.4. Regional Study on Non- Gray Scape DELETED Opt/Upgrade	ED, RPM, Consultant	\$500,000	Tech. Support, Nutrients/Reg'l Study Non- Gray Scape
	D.5. Member Voluntary Nutrient Contributions	ED, RPM	\$0	Tech. Support, Nutrients/Member Vol Nutrient Contributions
	D.6. Nutrient Workshop(s)	ED, RPM, Consultant	0	Tech. Support, Nutrient Workshop(s)
	D.7. General Tech Support	ED, RPM, Consultants	\$52,020	Tech. Support, General Tech Support
	D.8. Risk Reduction	ED, RPM, Consultants	\$20,000	Tech, Support, Risk Reduction
E. Other	E.1. General Technical and Regulatory Support	ED, RPM	\$27,545	Labor, RPM (20%)
		TOTAL	\$3,247,882	

SPECIAL BENEFITS PROGRAMS (PART C)

BACWA has one active special benefit program: Water Operator Training (WOT). Member dues for WOT are optional and are established on an annual basis by the WOT Program Members with training offered at sites within the BACWA service area. The training is conducted in conjunction with an accredited local community college. If the Bay Area Biosolids Coalition becomes a Special Benefits Program in FY 20, the participants will establish their budget and associated revenue needs. The program will be administered under Part C of the JPA Annual Budget and Workplan.

WATER OPERATOR TRAINING (PART C.2.)

WATER OPERATOR TRAINING		
<u>Deliverables/Outcomes</u>	<u>Manager</u>	<u>FY 20 Budget</u>
Encourage development of a skilled workforce by offering classes in conjunction with a local community college.	Program Participant Reps; ED, AED	To be determined by member interest.

FISCAL YEAR 2020 BUDGET

BACWA/CBC	2020 Budget	Notes
REVENUES	3,119,797	
BACWA Principals' Contributions	506,774	2% increase
BACWA Assoc. & Affil. Contributions	184,111	2% increase
Clean Bay Collaborative (CBC)	675,000	0% increase
Nutrient Surcharge	1,700,000	Increased for 2 nd Watershed Permit Requirement, this amount may be reduced by transferring funds from excess reserves
Voluntary Nutrient Contributions	0	
AIR Non-Members	6,936	2% increase
BAPPG Non-Members	3,876	2% increase
Other/Special Program Admin Fees	5,100	WOT 2% increase
Interest Income (LAIF)	20,000	Includes BACWA & Nutrient Funds
Interest Income (higher yield Investments)	18,000	Alternative Investments

EXPENSES	3,469,211	
Labor	446,165	
Executive Director	207,531	2.9% increase – requested by ED
Assistant Executive Director	100,907	4.5% increase - Annual CPI change for San Francisco-Oakland-San Jose + 100 hours
Regulatory Program Manager	137,727	4.5% increase - Annual CPI change for San Francisco-Oakland-San Jose + 125 hours
Administration	59,341	
EBMUD Financial Services	41,616	2% increase
Auditing Services (Maze)	5,240	New contract with Auditors beg. FY19, Fixed Annual Fee Contract
Administrative Expenses	7,803	2% increase
Insurance	4,682	2% increase
Meetings	24,449	
EB Meetings	2,601	2% increase
Annual Meeting	10,404	2% increase
Pardee	6,242	2% increase
Misc.	5,202	2% increase: Holiday/Comm Chairs Lunch, Staff Mtgs, Finance Comm Mtg, Summit Partners, CASA, NACWA
Communications	7,150	
Web Host	600	Computer Courage
File Storage	750	Box.net
Website Development/Maint.	1,500	Computer Courage
IT Support (As Needed)	2,600	Cayuga Information Systems
Other Communications/Software	1,700	MS Exchange/Survey Monkey/Poll Everywhere/Backup Software /GoToMeeting
Legal Support	4,786	
Regulatory Support	2,653	2% increase

Executive Board Support	2,133	2% increase
BACWA Committees	230,300	
AIR	76,000	
BAPPG	100,000	
Biosolids Committee	1,000	
Collections System	1,000	
InfoShare Groups	1,000	
Laboratory Committee	1,000	
Permit Committee	1,300	
Pretreatment Committee	2,000	
Recycled Water Committee	1,000	
Misc. Committee Support	45,000	
Manager's Roundtable	1,000	
Collaboratives	25,000	
State of the Estuary	0	Biennial in odd years
Arleen Navarret Award	2,500	Biennial in even years, increase in FY20
FWQC	7,500	
Stanford ERC (ReNUWIt)	10,000	
Misc.	5,000	
Technical Support	2,672,020	
Nutrients	2,600,000	
<i>Watershed</i>	<i>2,000,000</i>	
<i>NMS Voluntary Contributions</i>	<i>0</i>	
<i>Additional Work Under Permit</i>	<i>100,000</i>	
<i>Regional Study on Non-Gray Scape</i>	<i>500,000</i>	
<i>Member Voluntary Nutrient Contributions</i>	<i>0</i>	
<i>Nutrient Workshop(s)</i>	<i>0</i>	
General Technical Support	52,020	2% increase
Risk Reduction	20,000	
TOTAL	-349,414	Net Transfer from Reserves

WOT	2020 Budget (est)	Notes
<u>REVENUES</u>	148,500	
Participant's Contributions	148,500	Est. depends on member interest.
<u>EXPENSES</u>	148,500	
Contract expenses	143,500	Est. depends on member interest.
BACWA Indirect Expenses	5,100	Per BACWA Policy
TOTAL	0	

DRAFT

Executive Board Special Meeting Agenda

SF Bay Regional Water Board / BACWA Executive Board Joint Meeting

March 22, 2018 1:00 PM -3:00 PM

SF Bay Water Board, 1515 Clay Street, St. 1400 Oakland, CA

ROLL CALL AND INTRODUCTIONS – 1:00

PUBLIC COMMENT – 1:05

DISCUSSION/OTHER BUSINESS- 1:10

Topic	Goal	Time
1. Nutrients	<ul style="list-style-type: none"> • Review of 2nd Watershed Permit Tentative Order <ul style="list-style-type: none"> ○ Expectations for Regional Studies ○ Language on “Regional Master Plan” • BACWA Brochure and Presentation on Optimization/Upgrade Studies • EPA Trading memo and webinar • SB69 - Bill on Ocean Acidification 	1:15
2. Bacterial Objectives	<ul style="list-style-type: none"> • BACWA, SFEI, SFPUC developing receiving water sampling plan for enterococcus 	2:25
3. CECs	<ul style="list-style-type: none"> • CEC monitoring by POTWs to be discussed at emerging contaminants work Group meeting in April 	2:40
4. Selenium	<ul style="list-style-type: none"> • EPA Freshwater Criteria – Water Board comments to EPA 	2:50
5. Toxicity	<ul style="list-style-type: none"> • State Water Board pushes adoption to summer • POTW litigation update 	2:55

ADJOURNMENT

Committee Request for Board Action: None

15 attendees, including 2 on phone, representing 9 member agencies

1. Level of support for FY20

It is expected there will be an increased level of activity in FY 2019/20 due to the ramping up of Rule 11-18 (Phase 2), implementation of AB 617 (anticipated Steering Committee involvement), and development of rules under Regulation 13 (especially as they relate to anaerobic digestion at POTWs). The AIR Committee recommends (to the Executive Board) an increase in annual support contract limits for the next RFP, extending the existing Rule 11-18 contract, and increasing the Committee meeting frequency to six (6) times per year (instead of quarterly) with the option of adding two more meetings via phone/web tool.

2. Greenhouse Gas Updates

- a. **SB 1383 Short Lived Climate Pollutant (SLCP) Reduction Strategy Implementation** was discussed. CASA continues to review the [first formal draft regulation](#) – it still needs to address markets for the beneficial use of biosolids explicitly and biogas as more than a transportation fuel (especially as the CPUC has decided to modify its standards in support of in-State biogas production to incentivize use via pipeline injection). The 45-day comment period began January 18th (ending March 4th) and a public hearing will be held March 12th to discuss folks' comments. BACWA will follow the development of CASA's comments and provide input as necessary.
- b. **BAAQMD continues to work on its Basin-Wide Methane Strategy (now referred to as Regulation 13: Climate Pollutants)**. Since [AB 398](#) prevents air districts from adopting or implementing an emissions reduction rule for CO₂, BAAQMD is focusing its efforts on controlling methane and nitrous oxide emissions. Rule development for controlling methane emissions from wastewater/anaerobic digestion (Rule 13-4) is expected to begin in 2019, following rule development for Rule 13-1 [Significant Methane Releases](#), Organic Material Handling ([Rule 13-2](#)), and Composting Operations ([Rule 13-3](#)). BACWA is looking forward to meeting with BAAQMD staff on March 7 to provide "Anaerobic Digestion 101" education to facilitate proposed Regulation 13-4 "Wastewater Operations" development efforts.
- c. **BAAQMD Climate Technology Review** BAAQMD released a report October 2018 to identify potential (stationary source) GHG mitigation measures in Table 16 based on a literature review. EMBUD and CMSA presented information on their food waste co-digestion processes at the January 22nd Climate Tech Network Kick-Off Meeting, as part of a panel on "Technology Adoption Success Stories." They highlighted regulatory, permitting, economic, and technology challenges as concerns for POTWs going forward. BAAQMD staff would like BACWA to stay involved and provide feedback on how to make future meetings more effective. We will follow up with their staff going forward.

3. BAAQMD Rule Updates

- a. We are continuing to monitor activities under [Rule 11-18 Risk Reduction from Air Toxic Emissions at Existing Facilities](#) via BAAQMD's Implementation Workgroup. The next quarterly meeting for the Workgroup was scheduled for February 8th – we will provide an update in an upcoming digest.
- b. The SCAQMD's [Rule 1118.1 Control of Emissions from Non-Refinery \(biogas\) Flares](#) was adopted January 4th. SCAQMD staff agreed to research the impact of Senate Bill 1383 (75% diversion of organic waste from landfills by 2025) on POTWs considering co-digestion of diverted organic waste and the potential increase in free ammonia in biogas as a result that may lead to higher NOx emissions. The research will conclude one year from the adoption date.

We know that following adoption of the SCAQMD regulation, both SJVAPCD and BAAQMD plan to develop or update their flare regulations to match or exceed the restrictions within Rule 1118.1. In fact, SCAQMD staff is planning to meet with CalRecycle and other air district staff (mainly SJVAPCD and BAAQMD) as well as POTW staff during the [Rethink Methane Symposium](#) being held in Sacramento, specifically the afternoon February 27th. SCAQMD would like the discussion to be led by a presentation from CalRecycle regarding anaerobic digestion at POTWs in the context of SB 1383.

- c. The Standard Permit Conditions Subgroup met separately after the January 16th AIR Committee meeting to revise the anaerobic digestion standard permit conditions based on feedback from members. We asked that folks continue reviewing the organic material handling and cogeneration standard permit conditions to revise those together during our next subgroup meetings.

4. Strategy for Engagement with BAAQMD Staff

Engagement with BAAQMD staff has increased over the last few years due in large part to BACWA participating in rule development and implementation, especially with respect to Rule 11-18 and Regulation 13. BACWA is working to further educate BAAQMD staff on basic POTW operations, so that regulatory development and ultimate requirements recognize the unique processes at POTWs seeking to achieve water quality objectives set by the State and Regional Water Boards. For example, we are planning a meeting with BAAQMD staff on early March 7th to provide an overview of anaerobic digestion in order to inform facilitation of rule development under Regulation 13. We will continue to discuss ways to provide consistent messaging from BACWA and an approach to BAAQMD interactions (i.e., through BACWA to become one voice and advocate for more consistent permit approaches across the membership).

We also discussed how there are very few permit staff available through March 2019 for various reasons – therefore, the need for engagement is even greater during this time.

The next BACWA AIR Committee meeting is scheduled for Tuesday March 26th at Delta Diablo.

Committee Request for Board Action: none

Conference Call: 11 attendees representing member 9 agencies

ELAP Update

The group reviewed [comment letters](#) submitted by BACWA, CVCWA, CASA and CAL on the preliminary draft regulations. BACWA supports dual-track accreditation, but the comments were aimed at clarifying the TNI-based standard, regardless of whether it is part of a single- or dual-track system.

TNI Transition:

Jason Mitchell gave a [presentation](#) on the QMS 4.15 – Management Review. This section provides a formalized means to implement and record laboratory improvements.

Toxicity

State Water Board staff are not comfortable with BACWA's alternative proposal for the three tests to be run within 6 weeks, as described in the December 21 [comment letter](#). The committee discussed an alternative proposal where the third test would be run on the first day of the subsequent calendar month.

Nutrient Watershed Permit

The Regional Water Board has decided to drop the organic nitrogen analysis from the MRP of the 2nd nutrient watershed permit, and will base future limits or targets on dissolved inorganic nitrogen. They plan to drop total reactive phosphorus as well. The Administrative draft of the permit includes new influent monitoring requirements for POTWs rated at more than 10 mgd.

Certification

There was a discussion about agencies' difficulties during the application renewal process.

Conferences

The CWEA Annual Conference is April 9-12 in Palm Springs.

Next meeting: March 13, 2019

Committee Request for Board Action: None

24 attendees, representing 12 member agencies.

Regional Water Board Report-out

Jessica Watkins has been promoted and her previous position as an NPDES permit writer will be filled soon. Anna Gallagher has been hired to replace Vince Christian. Michael Montgomery is scheduled to start as Executive Officer on March 11.

Upcoming Permits

March – Millbrae–This may be the first permit to incorporate the new bacterial objectives. Have since found out that statewide bacterial provisions will not be approved by USEPA before Board approval of this permit; limits will revert to previous ones.

April – Palo Alto – The “Reclamation” language in their fact sheet will be a model for other agencies with recycled water projects. The Regional Water Board will likely be using Fact Sheets to draw connections between NPDES covered activities and recycled water production and distribution. This would be part of a framework to cover recycled water production once 96-011 is terminated and agencies have coverage under the State General Order. Palo Alto’s TO allows them to use their chronic toxicity test to include their acute toxicity testing requirements as well.

Bacterial Objectives

In August 2018, the State Water Board adopted new statewide bacteria water quality objectives and implementation options to protect recreational users from the effects of pathogens in California water bodies. The objectives and implementation options are a new part 3 of the Water Quality Control Plan for the Inland Surface Waters, Enclosed Bays ([SIP](#)), and Estuaries of California, and as an amendment to the Water Quality Control Plan for Oceans Waters of California ([Ocean Plan](#)). The new bacteria objective for all waters where the salinity is greater than 1 ppt more than 5 percent of the time during the calendar year is a six-week rolling geometric mean of enterococci not to exceed 30 cfu/100 mL, calculated weekly, with a statistical threshold value of 110 cfu/100 mL, not to be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner. The Objectives were approved by the Office of Administrative Law in February 2019. Once approved by EPA, which is expected shortly, the Regional Water Board will begin implementing these new objectives into NPDES permits as they come up for reissuance. The Regional Water Board is open to calculating effluent limits for enterococcus using dilution. BACWA has contacted the RMP to discuss collecting samples to get updated enterococcus data for the effluent limit calculations. We may be able to piggyback on a USGS cruise, or contact Fish and Wildlife.

Duplicate reporting

Staff from member labs had questions related to whether QA/QC sample results had to be averaged in as duplicates and reported under the language in Attachment G. The Regional Water Board clarified that the QA/QC samples do not have to count as duplicates.

Nutrients

- a. **2nd Watershed Permit** – James Parrish from the Regional Water Board provided a [presentation](#) on the 2nd Nutrient Watershed Permit. He noted that we need to continue to meet to better develop the details of the regional study, and that BACWA will be responsible for a “final status report” as the final deliverable, rather than a “final report”. The recycled water study is now in a separate provision than the wetlands study. The Group Annual report will now cover water years, from Oct 1 through Sept 30 each year, rather than permit years. Baseline loads and targets will also be calculated by water year. The report deadline will be Feb 1.
- b. **Optimization/Upgrade Studies**– BACWA is working with HDR to develop a brochure and powerpoint presentation summarizing the Optimization and Upgrade studies for use by our member agencies to educate their governing boards and the public.

Toxicity Provisions

Lorien Fono participated with other POTW representatives from around the State to meet with State Water Board staff on the following topics:

- Request for clarity and refinement of Regional Board discretion on the use acute testing in addition to chronic testing.
- Request for more specific language encouraging reduced frequency of monitoring during a TRE.
- Request for language modifications that would allow the use of prior (pre-plan) compliance data for reduced monitoring frequency.
- Issues associated with current definition of a calendar month.
- Request for flexibility in use of Instream Waste Concentration (IWC) and dilution.

- Request for changes in approach to determination of reasonable potential (RP) and numeric limits.
- Request for refinement of economic analysis.
- Use of the ceriodaphnia dubia reproduction endpoint.

Staff were unable to commit to changes at that meeting. BACWA is developing an updated MMEL testing schedule, at the staff's request. The State Water Board is now targeting adoption of the Toxicity Provisions in Summer 2019.

Announcements

- a. BACWA Annual Members Meeting Jan 11, 2019 – [presentations posted](#)
- b. Regulatory Issues Matrix [Updated](#)
- c. [NPDES Compliance letter submitted](#)

Next BACWA Permits Committee Meeting: April 9, 2019, 12-2pm, EBMUD WWTP Lab Library.

Committee Request for Board Action: None

Detailed notes from meetings are posted [online](#).

27 attendees (including 16 on phone) representing 12 member agencies

Federal Funding update

i. Water Infrastructure Improvements for the Nation (WIIN) Act

We are waiting to learn which project applications received grants from FY18, submitted in July 2018. No plants from Bay Area were funded. Reclamation has not publicly posted the list of FY18 awardees, but has made individual notifications. Based on verbal information, there are 6 selected to receive the \$20 M. The release of the Funding Opportunity Announcement for the \$20M appropriated for FY19 WIIN recycled water grants is still pending.

[H.R. 1162](#): On February 13, Congresswoman Napolitano introduced the “Water Recycling Investment and Improvement Act” which would make the WIIN Act Title XVI grant program permanent and increase the authorization to \$500 M. It would also increase the per project cap from \$20 M to \$30 M, and make some program improvements.

EPA recently announced [Water Reuse Action Plan](#). At this time it is not clear whether this is just a policy initiative, or whether there may be funding opportunities involved.

ii. Title 16

Bureau of Reclamation has posted FY18 grant recipients and FY19 opportunity. \$35.3 M awarded for authorized projects.

[FY19 FOA](#) was just posted yesterday (BOR-DO-19-F007). It is for authorized projects only. There is \$35 M total available with applications due April 22, 2019.

On March 5, Congressman DeFazio, Chair of the House Transportation and Infrastructure Committee (along with Subcommittee Chair Napolitano and Representatives Don Young and John Katko) introduced the “Water Quality Protection and Job Creation Act”. It provides the following:

- Authorizes \$20 billion over five years for Clean Water SRF.
- Authorizes \$1.5 billion over five years for grants to implement state water pollution control programs.
- Provides \$600 million over five years for Clean Water pilot programs (including Federal technical assistance and/or grants) for watershed-based or system-wide efforts to address wet weather discharges, to promote storm water best management practices, to undertake integrated water resource management, and to increase the resiliency of treatment works to natural or man-made disasters.
- Authorizes \$375 million in grants over five years for alternative water source projects including projects that reuse wastewater and storm water to augment the existing sources of water.

Recycled Water Permit Transition

The Regional Water Board is considering the following strategy for permitting production:

1. Make a regulatory connection in the Notice of Applicability letter (Notice) for coverage under the statewide Water Reclamation Requirements for Recycled Water Use Order No. 2016-0068-DDW (State General Order). The legal requirements for recycled water are included in California Code of Regulations Title 22 Water Recycling Criteria. The Title 22 Engineering Report and the Report of Waste Discharge (ROWD) describe the wastewater treatment system and are required for coverage under the State General Order. The State General Order requires compliance with Title 22. The proposal for addressing recycled water production is to include the following in the Notice:
 - a. Title 22 Engineering Report, Report of Waste Discharge reference, and the requirement of operating in accordance with the information provided in these documents;
 - b. Section in the Notice that lists the associated NPDES permits where applicable; and
 - c. Monitoring requirements required to determine compliance with Title 22.
2. When an associated NPDES permit is renewed, address the recycled water production and uses in the NPDES permit or Fact Sheet. The information may include, but is not limited to, a reference to the applicable recycled water use order and a description of the recycled water treatment system. The inclusion of recycled water use requirements and specifications is not preferred by NPDES staff at this time but may be included on a project-specific basis. Other regional water boards have incorporated the recycled water production requirements in a Recycling Specifications or Recycled Water Production section and included tertiary recycled water effluent limits.
3. For facilities producing less than 100,000 gpd, enrollment under the State Water Board General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems Order No. 2014 0153 DWQ.

BAIRWMP Update

An email went out on Feb 26 on update of activities regarding Proposition 1. DWR will release final Guidelines and PSP in March. The formal solicitation will follow, followed by a 1-2 month window for submissions, followed by 1-2 month review window by project scoring committee. Then package will then be compiled for submission to the State. The State is updating their accounting system, which is delaying agreements.

SB332

See WaterReuse summary of bill and comparison to SB 1634 (attached). Previous bill SB1634 focused on NPDES permit holders with Ocean outfalls, but SB 332 now applies also to affiliated water suppliers – with a broad definition stating that the affiliated water supplier provides water that is disposed of in sewers tributary to the NPDES permit holder. The Bill mandates 50% reduction by 2030, and 95% reduction by 2040, compared to a discharge baseline measured from 2010 to 2020. Conservation and recycled water are to be used to reduce discharges. There are penalties imposed on NPDES holders and water suppliers for not submitting reports on time as well as discharging in excess of limits.

CASA establishing an “oppose” position to the Bill. The deadline for letters to be sent to environmental quality committee is March 25. The Bill doesn’t take into account water already recycled, as well as wet weather discharges, or water rights. Some water can’t be recycled. It also doesn’t account for disposal of RO concentrate. Project funding would be drawn to coast away from inland areas. Note that DPR criteria are not yet adopted which would allow maximum recycled water, rather than an increase in purple pipe projects. WaterReuse has voted to oppose unless amended. Amendments would need consideration for economic and technical feasibility of recycled water projects.

Next Meeting – Tuesday, May 21, 2019, 10:30 am to 12:30 pm, EBMUD Small Training Room

SUMMARY OF SB No. 332 (HERTZBERG AND WIENER)

AS INTRODUCED FEBRUARY 19, 2019

General:

- Declaration of discharge from ocean outfalls as waste and unreasonable use.
- Ocean outfalls consist of point source discharges to saline waters, including oceans, bays and estuaries.
- Applies to both NPDES permitholders (owner/operator of wastewater treatment facility) and affiliated water suppliers.
- Affiliated water suppliers defined broadly as all water suppliers that provide water disposed of in the collection system tributary to wastewater treatment facility.
- Baseline volume is average annual volume of wastewater discharged through ocean outfall for calendar years 2010 through 2020.
- No mention of the need for brine disposal or wet-weather discharges.

Reduction Requirements:

- 50% reduction of baseline volume by January 1, 2030.
- 95% reduction of baseline volume by January 1, 2040.

Plans:

- By July 1, 2022, a plan is required of NPDES permitholders, prepared “in conjunction with affiliated water suppliers,” including specific information on facilities, cost, financing and schedule for meeting reduction requirements.
- By January 1, 2026, an updated plan is required to include refinements or changes and a written statement that the plan is current and accurate.

Reports:

- Reports to be submitted by NPDES permitholder and affiliated water suppliers to SWRCB every five years, including specific information on progress toward meeting reduction requirements.
 - First report due on January 1, 2024.
 - Subsequent reports due on January 1st of 2029, 2034 and 2039.

Penalties:

- All penalties apply to both NPDES permitholder and affiliated water suppliers.
- \$2,000/acre-foot of water discharged above reduction requirement.
- \$10,000 for failing to submit report by deadline.
- Ineligibility for state loans or grants until delinquent report is submitted.

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Bill No.	Applies to	Numerical Requirements	Exemptions	Plans	Reports	Penalties
SB No. 332 (2019)	NPDES permittees for ocean outfalls <u>and</u> affiliated water suppliers.	<ul style="list-style-type: none"> • 50% reduction by 01/01/30. • 95% reduction by 01/01/40. • Baseline = avg. annual for CY 2010 to 2020, inclusive. 	None.	<ul style="list-style-type: none"> • By 07/01/22, a plan is required of NPDES permittees, prepared in conjunction with affiliated water suppliers. • By 01/01/26, an updated plan is required with a written statement that it is current and accurate. 	<ul style="list-style-type: none"> • By 01/01/24, first report required of NPDES permittees <u>and</u> affiliated water suppliers. • Subsequent reports due on Jan. 1st every five years. 	<ul style="list-style-type: none"> • \$2,000/AF discharged above reduction requirement. • \$10,000 for failure to submit report by deadline. • Ineligibility for state grants or loans until delinquent report is submitted. • All penalties apply to both NPDES permittee <u>and</u> affiliated water suppliers.
SB No. 163 (2015)	NPDES permittees for ocean outfalls.	<ul style="list-style-type: none"> • 50% reuse by 01/01/26. • 100% reuse by 01/01/36, and no discharge <u>except</u> as a backup discharge. • Backup discharge is during periods of low recycled water demand such as wet-weather. • Baseline = avg. annual for CY 2009 to 2014, inclusive. 	<ul style="list-style-type: none"> • On or after 01/01/22, permittees may petition SWRCB for partial exemption if they can demonstrate inability to meet req'ts for one of three specified reasons. • Partial exemptions last for five years, upon which time permittee may reapply. • Permittees with partial exemptions ineligible for state grants and loans, except those specifically for compliance with req'ts. 	<ul style="list-style-type: none"> • By 07/01/20, a plan is required of NPDES permittees. • By 01/01/24, an updated is plan is required with a written statement that it is current and accurate. 	<ul style="list-style-type: none"> • By 01/01/17, first report required of NPDES permittees. • Subsequent reports due on Jan. 1st every five years. 	None.



Executive Director's February 2019 Report

NUTRIENTS:

Completed a variety of tasks and activities associated with BACWA's interests on nutrients and collaborating with the Water Board including:

- Coordinated with the NMS Science Manager on presentations, meetings, and key issues on nutrients.
- Planned for and conducted a BACWA Nutrient Strategy Team conference call on the 2nd Administrative Draft of the Nutrient Watershed Permit.
- Conducted follow-up discussions with the WB staff and SFEI on the scope of work and cost for the Nature Based Solutions Study which will be required by the 2nd Nutrient Watershed Permit
- Worked with SFEI to plan for and conduct the 37th meeting of the NMS Planning Subcommittee. Provided in-kind services on minute preparation.
- Coordinate with the NST on review and mark-up of the 2nd AD
- Coordinated with the HDR Project Manager on the completion of the Op/Upgrade Report brochure and presentation for use by the BACWA membership.

BACWA BOARD MEETING AND CONFERENCES:

- Worked with staff in preparing for the February Board Meeting held at Stanford University with a tour of the Codiga Research Center following the meeting.
- Conducted the monthly agenda review with the Chair of BACWA
- Continued to track all action items to completion
- Planned for and held the bimonthly Joint Meeting with the Water Board staff

ASC/SFEI:

- As the Chair of the Governance Committee, coordinated with the SFEI Executive Director on committee activities.

COLLECTION SYSTEM COMMITTEE:

- Coordinated with the RPM on planning for the next Collection System Committee meeting
- Coordinated with BACWA staff on the collaborative effort amongst CASA, SCAP and BACWA on continuing to inform the SWRCB on issues with the proposed SSS WRD.

**FINANCE:**

- Reviewed the monthly BACWA financial reports with the AED.
- Conducted the FY20 budget review with the Finance Committee

AIR COMMITTEE:

- Coordinated with the AIR Committee leadership on current regulatory issues.

PERMIT COMMITTEE:

- Coordinated with the RPM for items to agendaize for the next Permit Committee meeting and attended the meeting
- Reviewed the status and the request for continuing in the SCAP lawsuit on challenging the validity of use on the TST in permits

BAPPG COMMITTEE:

- Worked with the AED and Committee leadership to find a solution to completing outreach after a vendor claimed bankruptcy
- Coordinated with the RPM on the next steps for preparation of the CEC White Paper

COLLABORATIONS:

- Coordinated with CASA Regulatory Program Manager and Executive Director on regulatory issues of mutual concern.
- Coordinated with the Bay Area Biosolids Coalition to discuss a potential role for BACWA in assisting with the administration of the Coalition's activities.
- Continued serving as contract administrator for a research effort with UC Merced.
- Represented BACWA at the quarterly BayCAN meeting
- Conducted a follow-on conference call with the Executive Director of the Bay Planning Coalition to discuss collaboration on regulatory relief associated with supporting the AQPI project
- Participated in the BAIRWMP meeting on the next round of IRWM Prop 1 funding
- Met with representatives of the Danish Consulate to discuss collaboration on their upcoming technology exchange
- Interviewed by Estuary News on the elimination of the USGS Bay Monitoring Program

WOT:

- Coordinated with Solano Community College in planning for the Fall 2019 BACWWE classes.



- Coordinated with BACWWE members on questions they had on the program
- Participated in discussions with the Executive Committee on the future of the program.

MANAGER'S ROUNDTABLE

- Planned for the next the quarterly Bay Area Manager's Roundtable Meeting.

ADMINISTRATION:

- Planned for and conducted the monthly BACWA staff meetings to prepare for the Board Meeting and to coordinate and prioritize activities.
- Signed off on invoices, reviewed correspondence, prepared for upcoming Board meetings, responded to inquiries on BACWA efforts, oversaw updating of web page and provided general direction to BACWA staff.
- Worked with the RPM in the preparation of the monthly BACWA Bulletin.
- Coordinated with the AED to plan activities and review duties, schedules, and priorities.
- Developed and responded to numerous emails and phone calls as part of the conduct of BACWA business on a day-to-day basis.
- Coordinated with ABAG on the finalization of the Prop 84 invoices

MISCELLANEOUS MEETINGS/CALLS:

- BACWA Chair and Committee Chairs on items that arose during the month
- Water Board staff on coordinating the nutrient activities
- Other misc calls and inquiries regarding BACWA activities
- participated in coordination calls with the HDR project manager
- Responded to Board members requests for information



BACWA ACTION ITEMS

Number	Subject	Task	Responsibiity	Deadline	Status
Action Items from February 15, 2019 BACWA Executive Board Meeting					
2018.2-84	Responding to earthquakes	Add to March agenda	AED	2/28/2019	Completed
2018.2-83	PP for Op/Upgrade	Create members only site on web for PP for sharing	RPM	3/15/2019	Pending
2018.2-82	Brochure	Print 1200 copies	AED	when rec'd	Pending
2018.2-81	NACWA Award	Present to WB at upcoming meeting (3/13/19)	Chair	3/22/2019	Pending
2018.2-80	Annual Meeting Date	Confirm Jan 10, 2020 with OSRC	AED	2/28/2019	Completed
2018.2-79	CHARG	Add Jackie Zipkin as BACWA Rep to CHARG, update Succession, Agenda, & Bulletin	AED/RPM	2/28/2019	Completed
2018.2-78	AQPI	Add to next Joint Mtg with WB Agenda	RPM	3/15/2019	Completed
2018.2-77	ReNUWit	GM's participation needed to help plan future, discuss at GM Roundtable	ED	3/31/2019	Completed
2018.2-76	Annual Meeting	More balance between issues, keep moderators, RPM to provide direction on issues, SFEI-RMP (add to Admin Calendar in Sept), ask committees what they would like to hear	ED/RPM/AED	8/31/2019	Completed
2018.2-75	Regulatory Issues Matrix	Add RMP Multiyear Plan, plus update in Spring	RPM	5/31/2019	Completed
2018.2-74	Bacterial Objectives	Study of Background Levels - discuss with committees and agendize in March	ED/RPM	3/14/2019	Completed
2018.2-73	Regional Recycling Report	Estimated cost of consultant assistance	ED/RPM	3/15/2019	Completed
Action Items Remaining from Previous BACWA Executive Board Meetings					
2018.7-02	State level AIR & Water Regulatory conflicts	Take to next meeting of Summit Partners	ED	12/31/2018	Completed

FY19: 81 of 84 Action Items completed

FY18: 66 of 66 Action Items completed

FY17: 90 of 90 Action Items completed



DATE	AGENDA
3/22/2019	
Joint Meeting - Water Board Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono	<u>Other Business: Discussions</u>
4/19/2019	<u>Consent</u> Previous Board Meeting Minutes Monthly Financial Report <u>Authorizations & Approvals</u> Approval: FY20 Budget & Workplan <u>Other Business - POLICY/STRATEGIC</u> Discussion: Water Board Jt Mtg Debrief Discussion: Water Board Jt Mtg Draft Agenda <u>Other Business - OPERATIONAL</u> Discussion: Pesticides Update Discussion: <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
5/?/2019	
Joint Meeting - Water Board Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono	<u>Other Business: Discussions</u>
5/17/2019	<u>Consent</u> Previous Board Meeting Minutes Monthly Financial Report <u>Authorizations & Approvals</u> Approval: FY19 Staff Consulting Amendments/Agreements Approval: Officers: Chair & Vice-Chair FY19 Authorization (ED): Legal & IT Support Amendments FY19 <u>Other Business - POLICY/STRATEGIC</u> Discussion: Water Board Jt Mtg Debrief Discussion: RMP Update Discussion: <u>Other Business - OPERATIONAL</u> Discussion: BAAQMD Annual Meeting Draft Agenda <u>Reports</u>

		Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
6/21/2019 Monthly Board Mtg Items due: 6/14 Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull		<u>Consent</u> Previous Board Meeting Minutes Monthly Financial Report <u>Authorizations & Approvals</u> Approval: FY19 Agreements Approval: Options for Supporting the Bay Area Biosolids Coalition <u>Other Business - POLICY/STRATEGIC</u> Discussion: Water Board Jt Mtg Draft Agenda Discussion: Update on regional and statewide biosolids issues <u>Other Business - OPERATIONAL</u> Discussion: Discussion: <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
7/?/2019 Joint Meeting - Water Board Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono		<u>Other Business: Discussions</u>
7/19/2019 Monthly Board Mtg Items due: 7/12 Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull		<u>Consent</u> Previous Board Meeting Minutes Monthly Financial Report <u>Authorizations & Approvals</u> Approval: Annual Nutrient WS Payment Approval: FY20 Agreements Approval: <u>Other Business - POLICY/STRATEGIC</u> Discussion: Water Board Jt Mtg Debrief Discussion: Draft Agenda Pre-Pardee Technical Seminar Discussion: Discussion: RMP & NMS Update (Phil Trowbridge/David Senn) <u>Other Business - OPERATIONAL</u> Discussion: Options for Supporting the Bay Area Biosolids Coalition Discussion: CPSC Update <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board)

	ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
8/16/2019 Monthly Board Mtg Items due: 8/9 Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull	Consent Previous Board Meeting Minutes Monthly Financial Report Authorizations & Approvals Approval: Other Business - POLICY/STRATEGIC Discussion: Water Board Jt Mtg Debrief Discussion: Other Business - OPERATIONAL Discussion: Reports Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
8/16/2019 Pre-Pardee Seminar Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull	No Board Actions Permitted
9/26-27/2019 Pardee Technical Seminar Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull	No Board Actions Permitted
10/18/2019 Monthly Board Mtg Items due: 10/11 Schectel, Mitsuddy, White, Zipkin, Henderson Williams; Fono; Hull	Consent Previous Board Meeting Minutes Monthly Financial Report Authorizations & Approvals Approval: Other Business - POLICY/STRATEGIC Discussion: Pardee Debrief & Survey Discussion: Water Board Jt Mtg Draft Agenda Discussion: Risk Reduction Update Other Business - OPERATIONAL Reports Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other BACWA Representative Reports
10-11/?/2019 Joint Meeting - Water Board	Other Business: Discussions

Schectel, Mitsuddy, White, Zipkin, Henderson
Williams; Fono

11/15/2019 Consent

Monthly Board Mtg

Items due: 11/8

Schectel, Mitsuddy, White, Zipkin, Henderson

Williams; Fono; Hull

Previous Board Meeting Minutes

Monthly Financial Report

Authorizations & Approvals

Approval: Adoption of FY19 Annual Reports

Other Business - POLICY/STRATEGIC

Discussion: Water Board Jt Mtg Debrief

Discussion: ReNEWit Industrial Advisory Board Meeting Debrief

Other Business - OPERATIONAL

Discussion: Annual Meeting Planning

Reports

Committee Reports (Committee Chairs)

Board Reports (Executive Board)

ED Report (ED)

RPM Report (RPM)

Other BACWA Representative Reports

12/20/2019 Consent

Monthly Board Mtg

Items due: 12/13

Schectel, Mitsuddy, White, Zipkin, Henderson

Williams; Fono; Hull

HOLIDAY & COMMITTEE

LEADER APPRECIATION

LUNCH

Previous Board Meeting Minutes

Monthly Financial Report

Authorizations & Approvals

Other Business - POLICY/STRATEGIC

Discussion:

Discussion:

Other Business - OPERATIONAL

Discussion: Annual Meeting Agenda

Discussion: Budget Schedule & Key Issues

Reports

Committee Reports (Committee Chairs)

Board Reports (Executive Board)

ED Report (ED)

RPM Report (RPM)

Other BACWA Representative Reports

1/10/2020

Annual Members Mtg

Schectel, Mitsuddy, White, Zipkin, Henderson

Williams; Fono; Hull

Service & Leadership Recognition

RMP & NMS Update

EPA, CWRCB, RWCB, Air Dist,

2/21/2020 Consent

Monthly Board Mtg

Items due: 2/14

Schectel, Mitsuddy, White, Zipkin, Henderson

Williams; Fono; Hull

Previous Board Meeting Minutes

Monthly Financial Report

Authorizations & Approvals

Approval:

Other Business - POLICY/STRATEGIC

Discussion: Joint Meeting Debrief

Other Business - OPERATIONAL

Discussion: FY2019 Budget Planning - 1st Draft of FY21 Budget

Discussion: Annual Meeting Debrief

Reports

Committee Reports (Committee Chairs)

Board Reports (Executive Board)

ED Report (ED)

RPM Report (RPM)

Other BACWA Representative Reports

3/20/2020 **Consent**

Monthly Board Mtg

Items due: 3/13

Schectel, Mitsuddy, White, Zipkin, Henderson

Williams; Fono; Hull

Previous Board Meeting Minutes

Monthly Financial Report

Authorizations & Approvals**Other Business - POLICY/STRATEGIC**

Discussion: Water Board Jt Mtg Debrief

Discussion: Update on CASA Climate Change Program

Other Business - OPERATIONAL

Discussion: Second Draft of FY20 Budget

Discussion: Draft BACWA Policy on Website

Reports

Committee Reports (Committee Chairs)

Board Reports (Executive Board)

ED Report (ED)

RPM Report (RPM)

Other BACWA Representative Reports

***CURRENTLY UNSCHEDULED &
SIGNIFICANT***

Suggestions for Monthly Meeting Guest Speakers/Presenters



Regulatory Program Manager's Report to the Board

February 2019

NUTRIENTS: Reviewed and commented on second Administrative Draft of 2nd Nutrient Watershed Permit. Managed members' comments on the Draft through a Google Doc. Calculated different baseline and buffer scenarios. Collected and compiled agencies' template responses on early actors and increased load factors. Participated in NST call and meeting. Participated in two meetings on Regional Study with Regional Water Board.

BACWA BULLETIN: Drafted March Bulletin.

COLLABORATIONS: Participated in CASA RWG Land and Water Committee calls.

CECs: Discussed CECs White Paper with RMP lead.

TOXICITY: Met with State Water Board staff and participated in call with other Statewide POTW representatives to plan meeting. Developed updated MMEL schedule proposal.

COMMITTEE SUPPORT:

BAPPG – Attended meeting, and drafted notes and Board Report. Made updates to baywise.org. Discussed alternatives for transitioning outreach consultant support.

Biosolids – Processed survey data.

Collection Systems – Drafted Board report.

Laboratory – Planned for and participated in meeting. Worked with chair to develop ELAP comment letter.

O&M Infoshare – Drafted Board Report. Planned April meeting.

Permits – Drafted agenda and attended meeting. Reviewed Regional Water Board's proposed permit language implementing Bacterial Objectives, as well as EPA's recreational standard for culture-based methods and qPCR. Discussed sampling options with RMP staff.

Pretreatment – Developed registration site and posted flyer for Pretreatment Master Class Class.

Recycled Water – Discussed transition to State General Order with Regional Water Board staff. Discussed meeting agenda with committee chairs. Drafted Board report.

Executive Board – Prepared for meeting, contributed to handout and attended meeting. Reviewed and edited meeting minutes and action items. Drafted agenda and attended joint meeting with Regional Water Board.

ADMINISTRATION/STAFF MEETING – Managed committee Google Groups. Updated documents on website.

MEETINGS ATTENDED:

Staff meeting (2/1), NST call (2/4), NST and Joint RWB meeting (2/5), BAPPG (2/6), Meeting with RWB on Regional Study (2/6), Meeting with State Water Board on Toxicity (2/7), Lab Committee Call (2/13), Executive Board meeting (2/15), Permits Committee (2/19), CASA RWG call (2/21), Regional Study meeting with Regional Water Board (2/27),



Clean Water Summit Partners

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Sacramento, CA 95814

phone: 916.446.0388

Partners:

Bay Area Clean Water Agencies (BACWA)
California Association of Sanitation Agencies (CASA)
Central Valley Clean Water Association (CVCWA)
California Water Environment Association (CWEA)
Southern California Alliance of Publicly Owned Treatment Works (SCAP)

Draft Agenda--March 26, 2019

9:30 AM – 1:30 PM

Sutter Club

1220 9th Street, Sacramento, CA 95814

AGENDA

9:30 am Call to Order, Connie Leonard, President, CWEA

- Welcome and Introductions
- Approval of [Notes of May 21, 2018 Meeting](#)
- Review and Adjust Agenda

9:40 a.m. Legislative Update

- Nonflushables legislation—AB 1672 (Bloom)
- Ocean discharge ban legislation—SB 332 (Hertzberg)

10:00 a.m. Cross Media Issues & Challenges (Williams, Kester)

- Share experiences, explore strategies

10:30 a.m. Key Issues Update

- **SB 1383 Implementation** (Kester)
- **Toxicity**
 - State Water Board Toxicity Plan (Link)
 - Litigation Update (Jepsen)

11:30 am Working Luncheon: Guest, Sean Maguire, Member, State Water Resources Control Board

1:00 p.m. Regional Updates

1:30 p.m. Adjourn

- Next Meeting: Fall 2019

Sherry Hull

From: Sherry Hull
Sent: Thursday, February 28, 2019 6:11 PM
To: Sherry Hull
Subject: Prop 1 Implementation Update

From: Chang, Taylor <TaChang@sfwater.org>
Sent: Tuesday, February 26, 2019 3:51 PM
Subject: Prop 1 Implementation Update

Greetings Coordinating Committee Members and Interested Parties,

We would like to provide you with an update on the Bay Area IRWM's approach Prop 1 Implementation. DWR has announced they will release the final guidelines and project solicitation package (PSP) in March. We plan to formally solicit project proposals from the region as soon as it is released. There will be a 1-2 month window for you to submit your project proposal. Following this, there will be a 1-2 month review window where the Bay Area IRWM Project Scoring Committee will review and score projects based on the ability to meet state and local requirements, and then compile a single regional application for submittal to the state for grant funding. At this time we encourage you to review the draft PSP including the Project Information Form at the end of the package. Draft PSP can be downloaded [here](#).

Please note DWR has indicated the requirement for CEQA to be complete within 6 months of grant award may be extended in the final version of the PSP.

Reach out to me or Brian Mendenhall (bmendenhall@valleywater.org) with questions. Thank you

Best,

Taylor Chang

Water Enterprise | Water Resources Division
San Francisco Public Utilities Commission
415-551-4734 | TaChang@sfwater.org



SAN FRANCISCO



ESTUARY
PARTNERSHIP

Implementation Committee

March 6, 2019
9:30 am - 12:30 pm
Bay Area MetroCenter
Yerba Buena Room, 1st Floor
San Francisco, CA

MEETING AGENDA

- 9:30 **1. Welcome, Introductions**
Carol Mahoney, Chair
- 9:35 **2. Public Comment**
- 9:40 **3. Approve 11/07/18 Meeting Summary (ACTION)**
(Attachment 1)
- 9:45 **4. Director's Report**
(Attachment 2)
- 10:00 **5. Estuary Blueprint Progress Report**
(Attachment 3)
- 10:10 **6. Blueprint Updates**
- Transforming Urban Water Initiative (Action 14)
Adrien Baudrimont, SFEP
Heidi Nutters, SFEP
 - 2019 State of the Estuary Report and State of the Estuary
Conference Update (Action 32)
April Robinson, SFEI
Karen McDowell, SFEP
- 11:10 **Break**
- 11:20 **7. Draft FFY 19-20 Work Plan and Budget**
(Attachment 4)
- 12:10 **8. IC Member Announcements**
- 12:20 **9. Concluding Business/Meeting Road Map**
(Attachment 5)
- 12:30 **10. Adjourn**