



**BACWA Executive Board Meeting**

**AGENDA**

**Friday, January 9, 2026 9:00 AM - 12:30 PM (PDT)**

SFPUC

525 Golden Gate Ave., San Francisco, CA 94102

To attend the meeting via Zoom or submit a comment please [request access](#).

**Agenda Item**

**Time**

ROLL CALL, INTRODUCTIONS, AND TELECONFERENCE ETIQUETTE		9:00 AM	
PUBLIC COMMENT	<a href="#">Guidelines</a>	9:05 AM	
CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER		9:06 AM	
CONSENT CALENDAR		9:07 AM	
1 December 12, 2025 BACWA Executive Board meeting minutes			3-8
2 November 2025 Treasurer's Report			9-17
APPROVALS AND AUTHORIZATIONS		9:15 AM	
3 <u>Approval</u> : BACWA Strategic Plan Update			18-25
4 <u>Approval</u> : BACWA FY26 Contribution #2 to NMS \$1.1M			26-27
5 <u>Approval</u> : BABC Fund Contribution to Thermal Drying PFAS Removal Study \$50K			28-33
6 <u>Approval</u> : BABC Fund Contribution to Biosolids Land Application Analysis, \$10K			34-38
POLICY/STRATEGIC		9:20 AM	
7 <u>Discussion</u> : Trading Feasibility Assessment Report and next steps			39-46
8 <u>Informational</u> : RFI for Compliance Milestone reporting and Regional Study			47-54
9 <u>Discussion</u> : Update on Group Annual Report			55-63
10 <u>Discussion</u> : Update on Compliance Schedule Basin Plan Amendment			64-77
BREAK		10:30 AM	
11 <u>Discussion</u> : Air District Engineering Program Manager beta period MOU	<a href="#">Link to Air District Webinar</a>		78-84
12 <u>Informational</u> : PFAS Phase 3 Kickoff with SFEI			85-93
13 <u>Discussion</u> : NMS Update - Alternative funding schedule			
14 <u>Informational</u> : EPA Region IX SF Bay Program Office funding update			
15 <u>Discussion</u> : BACWA Video promotion	<a href="#">WW101 videos</a>		
OPERATIONAL		11:40 AM	
16 <u>Discussion</u> : AQPI as potential project of special benefit			94
17 <u>Discussion</u> : May 1 Annual Meeting Speaker Invitees			
18 <u>Discussion</u> : BACWA leadership award			95-96
19 <u>Discussion</u> : BACWA Board Meeting dates through end of 2026			97
20 <u>Informational</u> : BACC Update			
REPORTS		12:10 AM	
21 Member highlights			
22 Executive Director Report			98-100
23 Board Calendar and Action Items			101-102
24 Regulatory Program Manager Report			103
25 Other BACWA Representative Reports			
a. RMP Technical Review Committee	Samantha Engelage, Alicia Chakrabarti, Blake Brown		
b. RMP Steering Committee	Karin North; Amanda Roa; Eric Dunlavey		
c. Summit Partners	Lorien Fono; Jackie Zipkin		
d. ASC/SFEI	Lorien Fono; Amit Mutsuddy; Lori Schectel		
e. Nutrient Governance Steering Committee	Amit Mutsuddy, Eric Dunlavey; alternates: Lori Schectel, Jackie Zipkin		
e.i Nutrient Planning Subcommittee	Eric Dunlavey		
e.ii MERHAB MaTAG	Amit Mutsuddy		
f. SWRCB Nutrient SAG	Lorien Fono		
g. BAIRWMP	Cheryl Munoz; Florence Wedington; Jackie Zipkin		
h. CASA State Legislative Committee	Lori Schectel		
i. CASA Regulatory Workgroup	Lorien Fono; Mary Cousins		
j. RMP Microplastics Liaison	Jesse McDermott		
k. Bay Area Regional Reliability Project	Jackie Zipkin		
l. San Francisco Estuary Partnership	Lorien Fono; Jackie Zipkin		
m. CPSC Policy Education Advisory Committee	Colleen Henry		
n. California Ocean Protection Council	Lorien Fono		

o. California Water Quality Monitoring Council	Lorien Fono	
p. CASA Air Toxics Steering Committee	Lorien Fono, Jason Nettleton	
26 Committee Updates from Committee Chairs		
<b>27 SUGGESTIONS FOR FUTURE AGENDA ITEMS</b>		<b>12:25 PM</b>
<b>NEXT MEETING</b>		
CLOSED SESSION to discuss personnel matters pursuant to California Government Code Section 54957		<b>12:30 PM</b>
<b>The next regular meeting of the Board is scheduled for February 20, 2026 EBMUD Orinda</b>		
<b>ADJOURNMENT</b>		<b>1:30 PM</b>



## Executive Board Meeting Minutes

**Friday December 12, 2025, 9:00 AM - 12:30 PM (PDT)**

**Executive Board Representatives:** Amy Chastain (San Francisco Public Utilities Commission); Amit Mutsuddy (East Bay Municipal Utility District); Eric Dunlavey (City of San Jose); Jackie Zipkin (East Bay Dischargers Authority); Lori Schechtel (Central Contra Costa Sanitary District).

### Attendees

Name	Agency/Company
Allison Schutte	Hanson Bridgett
Amanda Roa	FSSD
Blake Brown	Central San
Charles Hammond	HDR
Chris Thomas	The Freshwater Trust
Courtney Mizutani	Consultant
David Primozich	The Freshwater Trust
Dave Richardson	Woodard & Curran
David Senn	SFEI
Heidi Sanborn	National Stewardship Action Council
Ibrahim Shaheed	Central San
Irene Chu	Hazen and Sawyer
Jared Voskuhl	CASA
Jennie Pang	SFPUC
Jennifer Dyment	BACWA
Jennifer Krebs	Consultant
Jessica Fox	The Freshwater Trust
Jon Rutz	Center for Western Weather and Water Extremes
Julie Weiss	City of Palo Alto
Lorien Fono	BACWA
Mary Cousins	BACWA
Matt Zucca	Silicon Valley Clean Water
Mike Falk	HDR
Nohemy Revilla	SFPUC

Ryan Batjiaka	SFPUC
Rachel Allen	SFEI
Ray David	Carollo
Sara Sadreddini	Black & Veatch
Tim Lewis	Dublin San Ramon Services District
Tom Hall	EOA

Jackie called the meeting to order at 9:05 am.

### **Agenda Item**

### **ROLL CALL, INTRODUCTIONS, AND TELECONFERENCE ETIQUETTE**

**PUBLIC COMMENT**      None

**CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER**   Item 8, Item 11 & Item 20 are in person presentations and will be taken out of order.

### **CONSENT CALENDAR**

- 1      **September 19, 2025, BACWA Executive Board meeting minutes**
- 2      **October 9, 2025, BACWA NST Special Executive Board meeting minutes**
- 3      **November 13, 2025, Joint BACWA/R2 Special Executive Board meeting minutes**
- 4      **October 2025 Treasurer's Report**

**Consent Calendar items 1 thru 4:** A motion to approve was made by Amy Chastain (San Francisco Public Utilities Commission) and seconded by Eric Dunlavay (City of San Jose). EBMUD abstained from Item 1. Remaining were in favor. None opposed.

### **APPROVALS AND AUTHORIZATIONS**

**5      Approval: FY24/25 BACWA Annual Report**      - BACWA ED explained purpose and content of BACWA Annual Report.

**Approvals and Authorizations item 5:** A motion to approve was made by Lori Schectel (Central Contra Costa Sanitary District) and seconded by Amit Mutsuddy (EBMUD). All were in favor. None opposed.

**6      Approval: FY24/25 BACWA Audit and Financial Statement**      - BACWA ED shared annual statement is in the packet.

**Approvals and Authorizations item 6:** A motion to approve was made by Amit Mutsuddy (EBMUD) and seconded by Lori Schectel (Central Contra Costa Sanitary District). All were in favor. None opposed.

**7 Authorization: EDAR for Amendment for Stephanie Hughes Pesticide Regulatory Outreach** - BACWA RPM explained that EDAR is to cover additional work that Stephanie Hughes is performing for BAPPG.

## **POLICY/STRATEGIC**

**8 Presentation: Trading Feasibility Assessment Update** - The consultant team from The Freshwater Trust (David Primovich, Chris Thomas, and Jessica Fox) presented the findings of their feasibility assessment of water quality trading in the SF Bay. The team laid out essential components of a trading framework: economically viable, legally permissible and scientifically defensible. The team believes trading is viable, but BACWA must move quickly to implement a trading framework before agencies finalize their nutrient compliance plans. The team explained that the existing biogeochemical and TIN source apportionment models available from SFEI are a solid foundation for a trading framework. Presenters summarized factors influencing credit price and the next steps to developing a trading framework, including recommended next steps to deployment between March 2026 and April 2027. A final report from The Freshwater Trust is due in January 2026. Discussion followed.

**Action Item:** BACWA ED to organize discussion about next steps before January 2026 Board Meeting.

**9 Discussion: RFI for Compliance Milestone reporting and Regional Study** - BACWA RPM referred to a flow chart in the packet that shows the draft Request for Information (RFI) to support annual compliance reporting for the Nutrients Watershed Permit. BACWA member agencies were asked to provide comments by the meeting scheduled for December 15<sup>th</sup>. Once the RFI is finalized, it will be circulated to BACWA members for response by February 13<sup>th</sup>.

**10 Discussion: Action Items from October 9-10 Pardee Special Seminar** – The packet contains a summary of action items from this year's Pardee Technical Seminar.

**11 Presentation: Update from National Stewardship Action Council** - Heidi Sanborn, the founding Executive Director of NSAC, presented an overview of her organization's pollution prevention and source control advocacy. [Link to Slides](#). The presentation touched on efforts related to wipes, plastics, PFAS, vapes, and more.

## **BREAK**

**12 Discussion: Update on Compliance Schedule Basin Plan Amendment** – BACWA ED shared that Regional Water Board staff have provided BACWA with a draft MOU regarding support for a CEQA consultant, and BACWA has solicited a legal review from

counsel at Day Carter Murphy. BACWA staff are discussing the scope of work with potential consultant teams to determine whether a competitive process is needed to conform to BACWA's contracting policy, based on the expected budget and level of effort.

**Action Item:** BACWA ED to continue discussions with Regional Water Board on CEQA MOU. BACWA staff to determine the appropriate path for procuring a CEQA consultant.

**13 Discussion: Air District Engineering Program Manager Pilot** - Courtney Mizutani and Ray David explained the program, noting that additional details are in the packet. BACWA ED recommended participation in the Air District's 4-month pilot program. So far, at least five member agencies have expressed interest in participating.

**Action Item:** BACWA ED to prepare MOU for initial 4-month pilot program before January 2026 Board Meeting.

**14 Informational: PFAS Forum Debrief** - BACWA ED shared slides and summarized the November PFAS Forum event. BACWA received positive feedback from forum participants.

**15 Informational: PFAS Phase 3 Kickoff with SFEI** - BACWA RPM shared that SFEI is assisting with kickoff activities for the PFAS Phase 3 project.

**16 Discussion: NMS Update - Alternative funding schedule** - BACWA ED gave brief summary and said more information would be provided at January 2026 Board Meeting.

**17 Informational: EPA Region IX SF Bay Program Office funding update** - BACWA ED shared email from EPA announcing grant opportunity for nutrient related projects.

**Action Item:** BACWA ED will share notice with BACWA agencies when it is published.

**18 Informational: BACWA support for Hazen WRF Proposal** - BACWA shared Hazen's WRF research proposal regarding treatment of RO concentrate through nature-based systems. They requested in-kind contributions and letters of support. BACWA provided a letter of support.

**19 Discussion: Communications update - Exploratorium After Dark and WW101 Video** - BACWA ED shared that the Exploratorium After Dark event will be on April 30 or May 21. BACWA ED also shared the WW101 Video.

## **OPERATIONAL**

**20 Discussion: AQPI as potential project of special benefit** - Jon Rutz from the Center for Western Weather & Water Extremes at UCSD presented. Compared to legacy radar, new AQPI radars can provide more accurate rainfall information to Bay Area partners. The program has ongoing O&M costs, and CW3E is looking for a 10-year commitment from BACWA to act as a local pass-through entity. Attendees shared that they were interested in the contract allowing early termination if a better contracting entity were to be identified during the 10-year period.

**Action Item:** BACWA ED and Executive Board Chair will work with CW3E to develop a draft proposal for Board consideration.

**21 Discussion: Strategic Plan Update** - BACWA ED requested a review of the draft Strategic Plan update, which is in the packet. It will be brought to January 2026 Board Meeting for approval.

**22 Discussion: May 1 Annual Meeting Speaker Invitees** - BACWA ED is asking for speaker and topic ideas. BACWA ED suggested speakers from EPA, RWB and Air District. Group also discussed inviting speakers on the topic of emergency preparedness.

**23 Discussion: New Brown Act Requirements per SB 707** - BACWA ED shared that the new requirements of SB 707 do not appear to apply to BACWA because of employee and revenue thresholds.

**24 Discussion: Proposed Pardee Dates** - October 8 & 9, 2026 - BACWA ED asked attendees to check their calendars for these dates.

**25 Informational: BACC Update** - BACWA AED shared everything is on schedule for FY2026-27 BACC bid.

## REPORTS

**26 Member highlights** - Agencies shared updates.

**27 Executive Director Report** - In the packet.

**28 Board Calendar and Action Items** - In the packet.

**29 Regulatory Program Manager Report** - In the packet.

**30 Other BACWA Representative Reports** - Blake Brown from Permit committee, Ryan Batjiaka from Biosolids Committee, Nohmey Revilla from AIR and Amanda Roa from Asset Management Committee provided updates.

a. RMP Technical Review Committee      Samantha Engelage, Alicia Chakrabarti, Blake Brown

- b. RMP Steering Committee Karin North; Amanda Roa; Eric Dunlavey
- c. Summit Partners Lorien Fono; Jackie Zipkin
- d. ASC/SFEI Lorien Fono; Amit Mutsuddy; Lori Schectel
- e. Nutrient Governance Steering Committee Amit Mutsuddy, Eric Dunlavey;  
alternates: Lori Schectel, Jackie Zipkin
  - e.i Nutrient Planning Subcommittee Eric Dunlavey
  - e.ii MERHAB MaTAG Amit Mutsuddy
- f. SWRCB Nutrient SAG Lorien Fono
- g. BAIRWMP Cheryl Munoz; Florence Wedington; Jackie Zipkin
- h. CASA State Legislative Committee Lori Schectel
- i. CASA Regulatory Workgroup Lorien Fono; Mary Cousins
- j. RMP Microplastics Liaison Jesse McDermott
- k. Bay Area Regional Reliability Project Jackie Zipkin
- l. San Francisco Estuary Partnership Lorien Fono; Jackie Zipkin
- m. CPSC Policy Education Advisory Committee Colleen Henry
- n. California Ocean Protection Council Lorien Fono
- o. California Water Quality Monitoring Council Lorien Fono
- p. CASA Air Toxics Steering Committee Lorien Fono, Jason Nettleton

31 Committee Updates from Committee Chairs

32 SUGGESTIONS FOR FUTURE AGENDA ITEMS

## **NEXT MEETING**

**The next regular meeting of the Board is scheduled for January 9, 2026, at SFPUC.**

**ADJOURNMENT 1:25**



# B A C W A

# BAY AREA

# CLEAN WATER

# AGENCIES

December 16, 2025

MEMO TO: Bay Area Clean Water Agencies Executive Board

MEMO FROM: Phoebe Grow, Treasurer, East Bay Municipal Utility District

SUBJECT: Fifth Month FY 2026 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, 2025 through November 30, 2025** (Five months of Fiscal Year 2026). 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),
- Bay Area Biosolids Coalition (BABC),
- Bay Area Chemical Consortium (BACC),
- BACC Legal Reserve Fund (BACC Legal Rsrv),
- Water/Wastewater Operator Training (WOT),

## Houck, Matt

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**From:** Grow, Phoebe  
**Sent:** Tuesday, December 16, 2025 4:18 PM  
**To:** Houck, Matt  
**Subject:** Re: November 2025 Treasurer's Report

Approved. Thanks Matt!

Phoebe Grow, P.E. (she/her) | Principal Management Analyst | 510.287.0205 | [phoebe.grow@ebmud.com](mailto:phoebe.grow@ebmud.com)

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**From:** Houck, Matt <matt.houck@ebmud.com>  
**Sent:** Tuesday, December 16, 2025 3:38 PM  
**To:** Grow, Phoebe <phoebe.grow@ebmud.com>  
**Subject:** November 2025 Treasurer's Report

Hi Phoebe,

Please approve BACWA - November 2025 Treasurer's Report for distribution.

Let me know if you have any questions.

Thanks,

**Matt Houck**  
Accountant III  
East Bay Municipal Utility District  
375 11TH St, MS 402, Oakland, CA 94607  
P 510-287-0238



## MONTHLY FINANCIAL SUMMARY REPORT

November 2025

### Fund Balances

In FY25 BACWA has three operating funds (BACWA, Legal, and CBC) and one pass-through fund for which BACWA provides only contract administration services (BACC). As of November 30th, 2021, revenues are recognized when billed, not when payments are received.

**BACWA Fund:** This fund provides resources for BACWA staff, its committees, and other administrative needs. The ending fund balance on November 30, 2025, was \$715,615, which is significantly higher than the target reserve of \$280,414 which is intended to cover 3 months of normal operating expenses based on the BACWA FY26 budget. \$682,542 is encumbered to meet ongoing operating line-item expenses for BAPPG Committee Support, Legal services, IT services, Board meeting expenses, accounting services and BACWA staff support, which leaves \$33,073 unobligated.

**CBC Fund:** This fund provides the resources for completing special investigations as well as meeting regulatory requirements. The ending fund balance on November 30, 2025, was \$3,291,241 which is higher than the target reserve of \$1,000,000. \$744,873 of the ending fund balance is encumbered to meet line-item expenses for Nutrient Watershed Permit Compliance. This leaves an actual unencumbered reserve balance of \$1,546,368 (i.e., actual fund balance of \$2,546,368 less target reserves) as of November 30, 2025. As directed by the BACWA Executive Board, the CBC fund has diminished over time due to BACWA's ongoing funding of the NMS program to comply with the Nutrient Watershed Permit.

**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. Transfers are made from the BACWA Fund and/or the CBC Fund to balance the Annual Budget if expenses exceed revenues and vice versa. It is therefore important to achieve the anticipated revenues and not exceed the budgeted expenses on an annual basis to maintain the BACWA and CBC Fund balances at the levels projected in the 5 Year Plan.

Revenues as of November 30, 2025 (42% of the FY) are at 96%

Expenses as of November 30, 2025 (42% of the FY) are at 43%

BACWA BAY AREA CLEAN WATER AGENCIES							
BACWA FY26 BUDGET	<u>Line Item Description</u>	FY26 Budget	Projected Rev as of November 2025	Actual November 2025	Actual % of Budget November 2025	Variance	FY26 NOTES
<b>REVENUES &amp; FUNDING</b>							
Dues	Principals' Contributions	\$581,626	\$581,626	\$581,626	100%	\$0	FY26: 5% increase 5 @ \$116,325
	Associate & Affiliate Contributions	\$260,064	\$218,910	\$218,910	100%	-\$41,154	FY26: 5% increase. 12 Assoc: \$9599.47 Affiliate: \$1922.55; UC Berkeley \$515, BAWSCA, rev Oct 2025
Fees	Clean Bay Collaborative	\$675,000	\$674,250	\$674,250	100%	-\$750	Same as FY25. Prin: \$450,000; Assoc/Affil: \$225,000
	Nutrient Surcharge	\$1,750,000	\$1,747,955	\$1,747,955	100%	-\$2,045	See Nutrient Surcharge Spreadsheet
	Member Voluntary Nutrient Contributions						
Other Receipts	Non R2 Affiliate Members	\$5,768	\$5,768	\$5,768	100%	\$0	Santa Rosa, Sac Reg'l, Vacaville, Ironhouse \$1922.55 / each
	BACC Admin Fees	\$40,468	\$40,468	\$0	0%	-\$40,468	400 hours of AED support \$101.17/hr
Air Toxics	CASA Passthrough	\$620,125	\$620,125	\$620,125	100%	\$0	New in FY25
Interest Income	LAIF	\$160,000	\$160,000	\$87,746	55%	-\$72,254	BACWA, Legal, & CBC Funds invested in LAIF
	<b>Total Revenue</b>	<b>\$4,093,051</b>	<b>\$4,049,102</b>	<b>\$3,936,380</b>	<b>96%</b>	<b>-\$156,671</b>	
BACWA FY26 BUDGET	<u>Line Item Description</u>	FY26 Budget	Projected Expense as of November 2025	Actual November 2025	Actual % of Budget November 2025	Variance	FY26 NOTES
<b>EXPENSES</b>							
Labor							
	Executive Director	\$229,612	\$233,199	\$77,733	33%	-\$151,879	(incl 2.4% CPI SF Bay Metro Area Dec 2024), <a href="#">updated to 4% in May 2025</a>
	Assistant Executive Director	\$96,682	\$98,193	\$34,681	35%	-\$62,001	(incl 2.4% CPI SF Bay Metro Area Dec 2024); \$81/hour; Reflects 1200 hours, <a href="#">updated to 4% in May 2025</a>
	BACC Administrator	\$40,468	\$40,468	\$0	0%	-\$40,468	400 hrs AED support at \$101.17 per hr
	Regulatory Program Manager	\$159,875	\$162,373	\$57,073	35%	-\$102,802	(2.4% CPI SF Bay Metro Area Dec 2024); \$118.43/hour, Reflects 1350 hours, <a href="#">updated to 4% in May 2025</a>
	<b>Total</b>	<b>\$526,636</b>	<b>\$534,233</b>	<b>\$0</b>	<b>0%</b>	<b>-\$357,150</b>	
Administration							
	EBMUD Financial Services	\$44,596	\$44,596	\$11,679	26%	-\$32,917	3% increase in FY26
	Auditing Services	\$5,672	\$5,672	\$0	0%	-\$5,672	Financial Auditors through EBMUD; per auditor rate schedule
	Administrative Expenses	\$4,059	\$4,059	\$307	8%	-\$3,752	No change from FY25
	Insurance	\$12,366	\$12,366	\$8,949	72%	-\$3,417	15% increase from FY25 (10-15% est. increase per Alliant)
	<b>Total</b>	<b>\$66,693</b>	<b>\$66,693</b>	<b>\$20,936</b>	<b>31%</b>	<b>-\$45,758</b>	
Meetings							
	EB Meetings	\$4,200	\$4,200	\$266	6%	-\$3,934	20% increase from FY25
	Annual Meeting	\$14,369	\$14,369	\$1,918	13%	-\$12,452	No change from FY25
	Pardee	\$4,000	\$4,000	\$2,028	51%	-\$1,972	reduced from FY25 to align with actual expenses
	Misc. Meetings and conferences	\$10,000	\$10,000	\$4,491	45%	-\$5,509	No change from FY25
	<b>Total</b>	<b>\$32,569</b>	<b>\$32,569</b>	<b>\$8,702</b>	<b>27%</b>	<b>-\$23,867</b>	
Communication							
	Website Hosting / Domain registration	\$758	\$758	\$0	0%	-\$758	2% increase from FY25, Go Daddy website hosting and domain registration

FY 2026 Budget

EXPENSES						
File Storage	\$828	\$828	\$0	0%	-\$828	2% increase from FY25, box.net
Website Development/Maintenance	\$1,656	\$1,656	\$0	0%	-\$1,656	2% increase from FY25
IT Support (As Needed)	\$2,870	\$2,870	\$0	0%	-\$2,870	2% increase from FY25
BACWA Value of Wastewater Communication	\$50,000	\$50,000	\$9,605	19%	-\$40,395	New line item in FY24, no change from FY24 - TBD
Other Communication	\$1,932	\$1,932	\$170	9%	-\$1,762	2% increase from FY25; MS Exchange, Survey Monkey, PollEv, Zoom, Netfile
<b>Total</b>	<b>\$58,044</b>	<b>\$58,044</b>	<b>\$9,775</b>	<b>17%</b>	<b>-\$48,269</b>	
Legal						
Regulatory Support	\$20,000	\$50,000	\$1,507	8%	-\$18,493	Decrease from FY25, Contract with Duane Morris - <a href="#">increased PO at Board's direction</a>
Executive Board Support	\$2,403	\$2,403	\$0	0%	-\$2,403	No increase from FY25
<b>Total</b>	<b>\$22,403</b>	<b>\$52,403</b>	<b>\$1,507</b>	<b>7%</b>	<b>-\$20,896</b>	
Committees						
AIR	\$94,750	\$94,750	\$40,931	43%	-\$53,819	\$93,750 consulting support, \$1k misc expenses - TBD
BAPPG	\$148,060	\$148,060	\$41,939	28%	-\$106,121	Includes Pest. Reg Spt. @ \$70; Pest. Prof Outreach @ \$19K; Media Consultant @ \$50K; website/unplanned is
Asset Management Committee	\$500	\$500	\$0	0%	-\$500	No change from FY25
BABC	\$120,000	\$120,000	\$37,213	31%	-\$82,787	Formerly BACWA Biosolids, now BABC program management contract
Collections System	\$1,000	\$1,000	\$0	0%	-\$1,000	SSS WDR Support
O&M Committee	\$1,500	\$1,500	\$322	21%	-\$1,178	No change from FY25
Laboratory Committee	\$500	\$500	\$0	0%	-\$500	No change from FY25
Permits Committee	\$500	\$500	\$0	0%	-\$500	No change from FY25
Pretreatment	\$500	\$500	\$0	0%	-\$500	No change from FY25
Recycled Water Committee	\$500	\$500	\$0	0%	-\$500	No change from FY25
Misc Committee Support	\$45,000	\$45,000	\$5,754	13%	-\$39,246	No change from FY25
Manager's Roundtable	\$1,000	\$1,000	\$445	45%	-\$555	No change from FY25
<b>Total</b>	<b>\$413,810</b>	<b>\$413,810</b>	<b>\$126,604</b>	<b>31%</b>	<b>-\$287,206</b>	
Collaboratives						
Collaboratives						
State of the Estuary (SFEP-biennial)	\$20,000	\$20,000	\$20,000	100%	\$0	Biennial in Even Fiscal Years
Arleen Navarret Award	\$0	\$0	\$0		\$0	Next Award will be disbursed in FY27
BayCAN	\$5,000	\$1,500	\$1,500	30%	-\$3,500	
Bay Area One Water Network	\$5,000	\$2,000	\$2,000	40%	-\$3,000	Donation due in FY26 - <a href="#">Support for lunch at kickoff meeting</a>
Bruce Wolfe Scholarship	\$4,000	\$4,000	\$0	0%	-\$4,000	FY22, FY23, FY24, FY25 FY26
Our Water Our World Program	\$10,000	\$10,000	\$0	0%	-\$10,000	Previously included in BAPPG Budget
National Stewardship Action Council	\$10,000	\$10,000	\$10,000	100%	\$0	Previously included in BAPPG Budget
California Product Stewardship Council	\$10,000	\$10,000	\$10,000	100%	\$0	Previously included in BAPPG Budget
Passthrough to CASA for air toxics	\$620,125	\$620,125	\$0	0%	-\$620,125	New line item in FY24
Misc	\$1,500	\$1,500	\$0	0%	-\$1,500	NBWA
<b>Total</b>	<b>\$685,625</b>	<b>\$679,125</b>	<b>\$43,500</b>	<b>6%</b>	<b>-\$642,125</b>	
Other						
Unbudgeted Items						
Other						
Tech Support						
Technical Support						
Nutrients						
Watershed Permit NMS Contribution	\$2,200,000	\$2,200,000	\$1,100,000	50%	-\$1,100,000	Permit required funding for 3rd Watershed Permit Science Studies
NMS Voluntary Contributions			\$0	13		

FY 2026 Budget

EXPENSES							
	Additional work under permit	\$100,000	\$100,000	\$65,069	65%	-\$34,931	Discretionary work including trading
	Nutrient Workshop(s)	\$0	\$0	\$0			Pilot Studies/Plant Review/Innovative Technologies; Might change
	NMS Reviewer	\$50,000	\$50,000	\$0	0%	-\$50,000	No change from FY25 - will need new contractor
	Regional Nutrient Compliance Support	\$250,000	\$250,000	\$0	0%	-\$250,000	New item in FY25
	General Tech Support	\$100,000	\$100,000	\$35,000	35%	-\$65,000	Eg. Nutrients, biosolids
	CEC Investigations	\$50,000	\$50,000	\$0	0%	-\$50,000	PFAS Study Phase 3
	Risk Reduction	\$12,500	\$12,500	\$0	0%	-\$12,500	Will plan new risk reduction tasks for current Hg/PCB Watershed Permit
	<b>Total</b>	<b>\$2,762,500</b>	<b>\$2,762,500</b>	<b>\$1,200,069</b>	<b>43%</b>	<b>-\$1,562,431</b>	
	<b>TOTAL EXPENSES</b>	<b>\$4,568,281</b>	<b>\$4,599,377</b>				
	<b>NET INCOME BEFORE TRANSFERS</b>	<b>-\$475,230</b>					
	TRANSFERS FROM RESERVES	\$475,230					aligns with strategy of drawing down reserves to lessen impact of Nutrient Surcharge
	NET INCOME AFTER TRANSFERS	\$0					
	<b>TOTAL OPERATING BUDGET</b>	<b>\$1,121,656</b>					
	OPERATING RESERVE	\$280,414					

## BACWA Fund Report as of November 30, 2025

BACWA FUND BALANCES - DATA PROVIDED BY ACCOUNTING DEPT.						
DEPTID	DESCRIPTION	FISCAL YEAR BEGINNING FUND BALANCE	TOTAL BILLED REVENUE TO-DATE	TOTAL DISBURSEMENTS TO-DATE	MONTH-END FUND BALANCE	OUTSTANDING ENCUMBRANCES
600	BACWA	242,041	848,483	374,909	715,615	682,542
604	LEGAL RSRV	300,000	-	-	300,000	-
605	CBC	2,024,054	2,467,256	1,200,069	3,291,241	744,873
	<b>SUBTOTAL 1</b>	<b>2,566,095</b>	<b>3,315,739</b>	<b>1,574,978</b>	<b>4,306,856</b>	<b>1,427,415</b>
602	BABC	293,689	10,092	60,000	243,781	-
606	BACC	42,532	3,029	40,539	5,022	30,149
607	BACC LEGAL RSRV	120,000	30,000	-	150,000	(25,127)
610	WOT	259,176	-	-	259,176	-
612	CASA Air Toxics	-	620,125	-	620,125	-
	<b>SUBTOTAL 2</b>	<b>715,397</b>	<b>663,246</b>	<b>100,539</b>	<b>1,278,104</b>	<b>30,149</b>
	<b>GRAND TOTAL</b>	<b>3,281,492</b>	<b>3,978,985</b>	<b>1,675,517</b>	<b>5,584,960</b>	<b>1,457,564</b>

BACWA INVESTMENTS BALANCES - DATA PROVIDED BY TREASURY DEPT.														
DEPTID	DESCRIPTION	FISCAL YEAR BEGINNING FUND BALANCE	TOTAL BILLED REVENUE TO-DATE	TOTAL DISBURSEMENTS TO-DATE	MONTH-END FUND BALANCE	RECONCILIATION TO FINANCIAL STATEMENTS A/R	RECONCILIATION TO FINANCIAL STATEMENTS A/P	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
600	BACWA	242,041	848,483	374,909	715,615	(87,148)	571	629,038	629,038	-	0%	-		priority # 6 for allocation
604	LEGAL RSRV	300,000	-	-	300,000	-	-	300,000	-	300,000	12%	-		priority # 1 for allocation
605	CBC	2,024,054	2,467,256	1,200,069	3,291,241	(396,355)	-	2,894,886	787,942	2,106,944	82%	-		priority # 3 for allocation
	<b>SUBTOTAL 1</b>	<b>2,566,095</b>	<b>3,315,739</b>	<b>1,574,978</b>	<b>4,306,856</b>	<b>(483,503)</b>	<b>571</b>	<b>3,823,924</b>	<b>1,416,980</b>	<b>2,406,944</b>	<b>94%</b>	<b>-</b>	<b>-</b>	
602	BABC	293,689	10,092	60,000	243,781	-	-	243,781	243,781	-	0%	-		priority # 4 for allocation
606	BACC	42,532	3,029	40,539	5,022	-	-	5,022	5,022	-	0%	-		
607	BACC LEGAL RSRV	120,000	30,000	-	150,000	-	-	150,000	-	150,000	6%	-		priority # 2 for allocation
610	WOT	259,176	-	-	259,176	-	-	259,176	259,176	-	0%	-		priority # 5 for allocation
612	CASA Air Toxics	-	620,125	-	620,125	(80,875)	-	539,250	539,250	-	0%	-		
	<b>SUBTOTAL 2</b>	<b>715,397</b>	<b>663,246</b>	<b>100,539</b>	<b>1,278,104</b>	<b>(80,875)</b>	<b>-</b>	<b>1,197,229</b>	<b>1,047,229</b>	<b>150,000</b>	<b>6%</b>	<b>-</b>	<b>-</b>	
	<b>GRAND TOTAL</b>	<b>3,281,492</b>	<b>3,978,985</b>	<b>1,675,517</b>	<b>5,584,960</b>	<b>(564,378)</b>	<b>571</b>	<b>5,021,153</b>	<b>5,021,153</b>	<b>2,464,209</b>	<b>2,556,944</b>	<b>100%</b>	<b>-</b>	<b>-</b>

To be used to cover Reconciliation to Financial Statements (\$0)

Reconciliation to Trial Balance	
Per Report above:	
General	3,315,739
WOT, BABC, & BACC	663,246
PROP	-
<b>subtotal</b>	<b>3,978,985</b>

Trial Balance Revenue Accounts	
40100	Interest (90,867)
40101	Mem Contrib (1,886,000)
40102	Transfer (30,000)
40103	Assoc Contrib (215,663)
40104	Other (1,756,455)
47310	State Grant -
47320	Grant Retention -
<b>subtotal</b>	<b>(3,978,985)</b>
<b>Difference</b>	<b>-</b>

# BACWA Revenue Report as of November 30, 2025

Cost Center Code	Cost Center Description	Program Segment Description	Program Segment Value	Amended Budget	Current Period	FY26 - Year to Date	Unobligated
600	Bay Area Clean Water Agencies	BABC - AED and RPM Support	6200	-	-	-	-
		BACC - AED Support	6199	(40,468.00)	-	-	40,468.00
		BDO Affil/CS/Assoc Dues	6104	-	(1,922.55)	(44,733.65)	(44,733.65)
		BDO Affiliate/Associate Dues	6103	-	1,922.55	(46,141.20)	(46,141.20)
		BDO Assoc.&Affiliate Contr	6102	(260,064.00)	(9,599.10)	(124,788.30)	135,275.70
		BDO Fund Transfers	6141	-	-	-	-
		BDO Member Contributions	6101	(581,626.00)	-	(581,625.00)	1.00
		BDO Non-Member Contr AIR	6136	-	-	-	-
		BDO Other Receipts	6105	-	13,845.10	-	-
		BDO Other Receipts (Misc)	6140	-	-	(2,732.00)	(2,732.00)
		BDO- Interest Income from LAIF	6142	-	(7,511.43)	(42,694.71)	(42,694.71)
		BDO-Alternative Investment Inc	6143	(160,000.00)	-	-	160,000.00
		Non R2 Affiliate Members	6135	(5,768.00)	(3,845.10)	(5,767.65)	0.35
<b>600 Total</b>				<b>(1,047,926.00)</b>	<b>(7,110.53)</b>	<b>(848,482.51)</b>	<b>199,443.49</b>
602	Bay Area Biosolids Coalition	BDO Fund Transfers	6141	-	-	-	-
		BDO Member Contributions	6101	-	(10,000.00)	(10,000.00)	(10,000.00)
		BDO- Interest Income from LAIF	6142	-	-	(92.11)	(92.11)
<b>602 Total</b>				<b>-</b>	<b>(10,000.00)</b>	<b>(10,092.11)</b>	<b>(10,092.11)</b>
605	Clean Bay Collaborative	BDO Fund Transfers	6141	-	-	-	-
		BDO Member Contributions	6101	(675,000.00)	8,849.10	(674,250.00)	750.00
		BDO Other Receipts	6105	(1,750,000.00)	10,375.00	(1,747,955.00)	2,045.00
		BDO- Interest Income from LAIF	6142	-	-	(45,051.37)	(45,051.37)
<b>605 Total</b>				<b>(2,425,000.00)</b>	<b>19,224.10</b>	<b>(2,467,256.37)</b>	<b>(42,256.37)</b>
606	Bay Area Chemical Consortium	BDO Member Contributions	6101	-	-	-	-
		BDO- Interest Income from LAIF	6142	-	-	(3,028.96)	(3,028.96)
<b>606 Total</b>				<b>-</b>	<b>-</b>	<b>(3,028.96)</b>	<b>(3,028.96)</b>
607	BACC Legal RSRV	BDO Fund Transfers	6141	-	-	(30,000.00)	(30,000.00)
<b>607 Total</b>				<b>-</b>	<b>-</b>	<b>(30,000.00)</b>	<b>(30,000.00)</b>
612	CASA Air Toxics	BDO Member Contributions	6101	(620,125.00)	(9,625.00)	(620,125.00)	-
<b>612 Total</b>				<b>(620,125.00)</b>	<b>(9,625.00)</b>	<b>(620,125.00)</b>	<b>-</b>
<b>Grand Total</b>				<b>(4,093,051.00)</b>	<b>(7,511.43)</b>	<b>(3,978,984.95)</b>	<b>114,066.05</b>

## BACWA Treasurer's Report Expenses and Encumbrances

Period Covering July 1, 2025 through November 30, 2025

Cost Center Code	Program Segment Description	Program Segment Value	Amended Budget	Obligated Fiscal Year to Date	Unobligated
600	AIR-Air Issues&Regulation Grp	6153	94,750.00	98,250.74	(3,500.74)
	AS-Assistant Executive Directo	6175	98,193.00	98,193.00	-
	AS-Audit Services	6180	5,672.00	-	5,672.00
	AS-BACWA Admin Expense	6173	4,059.00	308.30	3,750.70
	AS-EBMUD Financial Services	6176	44,596.00	43,297.00	1,299.00
	AS-Executive Director	6174	233,199.00	233,199.00	-
	AS-Insurance	6177	12,366.00	8,949.35	3,416.65
	AS-Regulatory Program Manager	6179	162,373.00	162,373.00	-
	Administrative Support	6178	-	-	-
	Asset Management Committee	6213	500.00	-	-
	BABC	6147	120,000.00	120,000.00	-
	BACWA Value of Wastewater Communication	6211	50,000.00	43,020.48	6,979.52
	BC-BAAPP	6152	148,060.00	140,816.38	7,243.62
	BC-Collections System	6144	1,000.00	-	1,000.00
	BC-Laboratory Committee	6149	500.00	-	500.00
	BC-Manager's Roundtable	6154	1,000.00	445.00	555.00
	BC-Miscellaneous Committee Sup	6150	45,000.00	5,753.75	39,246.25
	BC-Permit Committee	6145	500.00	-	500.00
	BC-Pretreatment Committee	6151	500.00	-	500.00
	BC-Water Recycling Committee	6146	500.00	-	500.00
	Bay Area One Water Network	6209	5,000.00	2,000.00	3,000.00
	Bruce Wolf Scholarship	6210	4,000.00	-	4,000.00
	CAR-BACWA File Storage	6165	828.00	-	828.00
	CAR-BACWA IT Software	6167	1,932.00	170.29	1,761.71
	CAR-BACWA IT Support	6166	2,870.00	-	2,870.00
	CAR-BACWA Website Dev/Maint	6163	1,656.00	-	1,656.00
	CAR-BACWA Website Hosting	6164	758.00	-	758.00
	CAS-Arleen Navaret Award	6160	-	-	-
	CAS-BayCAN	6204	5,000.00	1,500.00	-
	CAS-Misc Collaborative Sup	6162	1,500.00	-	1,500.00
	CAS-PSSEP	6157	20,000.00	20,000.00	-
	CAS-Stanford ERC	6159	-	-	-
	California Product Stewardship Council	6216	-	10,000.00	(10,000.00)
	GBS-Meeting Support-Annual	6170	14,369.00	1,917.50	12,451.50
	GBS-Meeting Support-Exec Bd	6169	4,200.00	266.19	-
	GBS-Meeting Support-Misc	6172	10,000.00	4,490.57	-
	GBS-Meeting Support-Pardee	6171	4,000.00	2,178.95	-
	LS-Executive Board Support	6156	20,000.00	-	20,000.00
	LS-Regulatory Support	6155	2,403.00	50,000.00	(47,597.00)
	National Stewardship Action Council	6215	10,000.00	10,000.00	-
	O&M Committee	6148	1,500.00	321.88	1,178.12
	WQA-CE-Nature Based Solutions	6196	-	-	-
	Write-Off Doubtful Accounts	6208	-	-	-
<b>600 Total</b>			<b>1,132,784.00</b>	<b>1,057,451.38</b>	<b>60,068.33</b>
602	AS-Assistant Executive Directo	6175	-	-	-
	AS-Regulatory Program Manager	6179	-	-	-
	Academia Research & Development	6203	-	-	-
	Administrative Support	6178	-	60,000.00	(60,000.00)
	BDO Contract Expenses	6186	-	-	-
	Collateral Development	6197	-	-	-
	Program Manager Expense	6202	-	-	-
	Technology Research & Development	6206	-	-	-
<b>602 Total</b>			-	<b>60,000.00</b>	<b>(60,000.00)</b>
605	Recycled Water Evaluation	6198	-	-	-
	WQA - CEC Investigations	6201	50,000.00	-	50,000.00
	WQA-CE Addl Work Under Permit	6191	100,000.00	779,942.62	(679,942.62)
	WQA-CE Risk Reduction	6190	12,500.00	-	12,500.00
	WQA-CE Voluntary Nutr Contrib	6193	-	-	-
	WQA-CE-Nature Based Solutions	6196	-	-	-
	WQA-CE-Nutrient WS Permit Comm	6188	2,200,000.00	1,100,000.00	1,100,000.00
	WQA-CE-Technical Support	6181	100,000.00	35,000.00	65,000.00
	WQA-NMSReviewer	6205	50,000.00	30,000.00	20,000.00
<b>605 Total</b>			<b>2,512,500.00</b>	<b>1,944,942.62</b>	<b>567,557.38</b>
606	AS-BACWA Admin Expense	6173	-	-	-
	AS-Regulatory Program Manager	6179	-	-	-
	Administrative Support	6178	40,468.00	40,687.60	(219.60)
	BDO Fund Transfers	6141	-	30,000.00	(30,000.00)
	CAR-BACWA IT Support	6166	-	-	-
	GBS-Meeting Support-Misc	6172	-	-	-
<b>606 Total</b>			<b>40,468.00</b>	<b>70,687.60</b>	<b>(30,219.60)</b>
610	Administrative Support	6178	-	-	-
	BDO Contract Expenses	6186	-	-	-
<b>610 Total</b>			-	-	-
612	Passthrough to CASA for air toxics	6212	620,125.00	-	620,125.00
<b>612 Total</b>			<b>620,125.00</b>	-	<b>620,125.00</b>
<b>Grand Total</b>			<b>4,305,877.00</b>	<b>3,133,081.60</b>	<b>1,157,531.11</b>



## BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 3

MEETING DATE: January 9, 2026

**TITLE:** Approval of BACWA 2026 Strategic Plan Update.

RECEIPT

DISCUSSION

RESOLUTION

APPROVAL

### RECOMMENDED ACTION

Approve BACWA 2026 Strategic Plan Update.

### SUMMARY

On December 18, 2020, the BACWA Executive Board approved a Strategic Plan to guide our organization in prioritizing resources and responding to future challenges. The Strategic Plan was approved with the understanding that it would be revisited on an annual basis and updated as needed. Previous updates were approved in January 2022.

More recently, proposed updates to the Strategic Plan were discussed at various BACWA Board meetings throughout Fiscal Year 2024, and most recently presented at the December 12, 2025 BACWA Executive Board meeting. The proposed revisions reflect the adoption of the 2024 Nutrient Watershed permit, and include minor updates such as the following:

- Includes Ocean Acidification and Hypoxia as a key regulatory issue
- Updates the “Bay Area Air Quality Management District” to the “Bay Area Air District”
- Removes completed strategies
- Condenses duplicative strategies and proposes minor editorial changes

The Strategic Plan will continue to be revisited on an annual basis to maintain its relevancy. BACWA’s progress towards achieving its goals will also be provided to the Board on an annual basis. The Strategic Plan will continue to be used as a basis for the Annual Budget Workplan.

### FISCAL IMPACT

This item has no direct fiscal impact.

### ALTERNATIVES

This action does not require consideration of alternatives.

*Attachments:* Proposed 2026 Strategic Plan Update

Approved: \_\_\_\_\_

Date: \_\_\_\_\_

Jackie Zipkin

BACWA Executive Board

# STRATEGIC PLAN

## Bay Area Clean Water Agencies

Updated December 2025

### **BACWA's Mission**

To provide an effective regional voice for clean water agencies' stewardship of the San Francisco Bay's ecological, community, and economic resources.

### **BACWA's Vision**

To demonstrate leadership in the protection and enhancement of the San Francisco Bay ecosystem.

### **BACWA's Values**

- Environmental stewardship
- Leadership
- Science-based decision making
- Collaboration
- Fiscal responsibility
- Watershed-based solutions

### **BACWA's Goals**

- Advocate for regulation based on science
- Foster collaboration and relationship building with regulators and other stakeholders
- Pursue regional, multi-benefit solutions to environmental challenges
- Exemplify service and responsiveness to members and the public
- Practice good governance

## GOAL 1: ADVOCATE FOR REGULATION BASED ON SCIENCE

### ***Strategy 1 – Advocate for nutrient permitting based on science.***

- **Objective 1** – Convene the Nutrient Technical Team made up of BACWA and member agency staff to engage with the San Francisco Bay Nutrient Management Strategy (NMS) by reviewing their work products.
- **Objective 2** – Continue to contract consultant support for review and interpretation of NMS Work Products and new 5-year plan.
- **Objective 3** – Support BACWA members' compliance with the 2024 Watershed Permit and coordinate regional strategy for nutrient reduction.
- **Objective 4** - Position BACWA to negotiate for successful reissuance of the Watershed Permit with realistic compliance schedules.
- **Objective 5** – Work through NMS to prioritize and implement studies needed for future permits.

### ***Strategy 2 – Advocate for air regulations based on science.***

- **Objective 1** – Meet regularly with Bay Area Air District policy and permitting staff to communicate clean water agencies' perspectives and capabilities. Support Air District staff by providing technical information during development of regulations for climate pollutants and air toxics.
- **Objective 2** – Collaborate with CASA and other clean water agencies statewide on projects to inform California Air Resources Board regulations, such as vehicle electrification and the AB 2588 compound list update and emission factor development.

### ***Strategy 3 – Advocate for biosolids management regulations based on science.***

- **Objective 1** – Work with local, regional, and state regulators to maintain and support expansion of sustainable biosolids use alternatives.
- **Objective 2** – Support the Bay Area Biosolids Coalition's initiatives aimed at establishing the safety and benefits of biosolids use.

### ***Strategy 4 – Advocate for water quality regulations based on science.***

- **Objective 1** – Provide support for Constituents of Emerging Concern (CEC) pollution prevention and pesticides control by state and federal agencies.

- **Objective 2** – Engage in State Water Board and Ocean Protection Council initiatives, such as scientific studies and Ocean Plan amendments regarding ocean acidification and hypoxia, the Science Advisory Panel on CECs in Aquatic Ecosystems, and the Microplastic Strategy.
- **Objective 3** – Continue to participate actively in Regional Monitoring Program (RMP) technical and steering committees.
- **Objective 4** – Demonstrate that BACWA can effectively implement solutions through regional projects, such as conducting the PFAS Regional Study in lieu of being compelled via a 13267 Order.
- **Objective 5** – Engage with changes to water quality regulations by reviewing proposed state and federal water quality criteria, and by working with the Regional Water Board on Basin Plan amendments, TMDLs, and triennial reviews.
- **Objective 6** – Work with regulators to streamline monitoring and reporting requirements when possible.

## GOAL 2: FOSTER COLLABORATION AND RELATIONSHIP BUILDING WITH REGULATORS AND OTHER STAKEHOLDERS

### ***Strategy 1 - Maintain and broaden collaboration with regulators by engaging on existing regulatory initiatives and emerging issues.***

- **Objective 1** - Continue engagement with regulators to communicate clean water agencies' challenges and opportunities related to projects of environmental benefit.
- **Objective 2** – Collaborate with regulators on emerging initiatives such as sea level rise adaptation planning, development of incentives for climate change mitigation, ocean acidification/hypoxia, identification of feasible biosolids use strategies, and exploration of other resource recovery opportunities.
- **Objective 3** – Work with Summit Partners to provide educational opportunities for State Water Board/Ocean Protection Council/CARB/CalRecycle members and staff regarding clean water agencies' opportunities. Identify and develop a common understanding of mutual priorities.
- **Objective 4** – Work with Air District policy and permitting staff to update standard permit conditions, with the goal of reducing permitting hurdles that impede the implementation of projects of environmental benefit.

### ***Strategy 2 - Monitor legislative efforts that impact BACWA members.***

- **Objective 1** – Work with industry associations and individual members to inform their efforts on legislative advocacy.
- **Objective 2** – Consider a BACWA policy or position on how to engage in targeted legislative advocacy.

### ***Strategy 3 - Maintain industry leadership by collaborating with other clean water associations.***

- **Objective 1** – Work with Clean Water Summit Partners to define and advocate on issues of statewide importance.
- **Objective 2** – Inform, learn from, and jointly advocate with clean water associations such as the other Clean Water Summit Partner organizations, NACWA, and WateReuse.

## GOAL 3: PURSUE REGIONAL, MULTI-BENEFIT SOLUTIONS TO ENVIRONMENTAL CHALLENGES

### ***Strategy 1 - Promote integrated approach to a healthy Bay.***

- **Objective 1** – Identify and establish effective collaborations with drinking water and stormwater communities to further the One Water concept and/or other multi-benefit project types.
- **Objective 2** – Identify and establish collaborations to implement integrated approaches to sea level rise adaptation.
- **Objective 3** – Identify and implement effective pollution prevention strategies in partnership with regulators and partners.
- **Objective 4** – Work with members and other regional entities to maximize grant funding for projects benefiting the region.

### ***Strategy 2 - Support innovation to better address water quality and other ecological challenges.***

- **Objective 1** – Provide membership with information on technology pilot opportunities.
- **Objective 2** – Establish and continue partnerships with universities and other research institutions and initiatives to develop collaborative approaches to issues of importance to the clean water community.
- **Objective 3** – Support existing coalitions and agencies that are pursuing regional solutions to challenges impacting the San Francisco Bay clean water community.

### ***Strategy 3 - Provide value to members through facilitating regional solutions.***

- **Objective 1** – Continue to provide joint compliance activities on behalf of members, such as reporting via the Annual NPDES compliance letter to the Regional Water Board.
- **Objective 2** – Continue to support and report compliance with the Mercury/PCB and Nutrient Watershed Permits.
- **Objective 3** – Engage with regulators on behalf of individual member agencies when issues of regional importance arise.
- **Objective 4** – Support members' biosolids programs via data-gathering, reporting, and information exchange related to biosolids management.

## GOAL 4: EXEMPLIFY SERVICE AND RESPONSIVENESS TO MEMBERS AND PUBLIC

### ***Strategy 1 - Ensure members are knowledgeable about critical issues and activities.***

- **Objective 1** – Communicate timely regulatory and technical information and events via BACWA committees, the BACWA Bulletin newsletter, and emails to members.
- **Objective 2** – Ensure that BACWA contact lists are up to date.

### ***Strategy 2 - Provide education and outreach to members and the public.***

- **Objective 1** – Provide support for pollution prevention messaging to the public via BAPPG.
- **Objective 2** – Provide public communication on the value of wastewater and nutrient issues.
- **Objective 3** – Support community engagement, and equity and inclusion in both wastewater workforce development and community engagement efforts.
- **Objective 4** – Provide support for workforce development initiatives.

### ***Strategy 3 - Provide forum to hear all member voices.***

- **Objective 1** – Conduct outreach to all members to inform them about opportunities for participation via committees and other events.
- **Objective 2** – Ensure that each member agency is knowledgeable about and engaged in compliance with the 2024 Nutrient Watershed Permit so that BACWA's position reflects the interests of our members.
- **Objective 3** – Provide forums and opportunities for members to develop professional relationships, share information, build community, and collaborate on issues of importance.
- **Objective 4** – Use technology to maximize member participation in committee meetings.

### ***Strategy 4 - Provide support for Projects of Special Benefit to assist membership.***

- **Objective 1** – Continue administration of the Bay Area Chemical Consortium (BACC).

- **Objective 2** – Support Bay Area Consortium for Water/Wastewater Education (BACWWE) and their continued collaboration with BAYWORK.
- **Objective 3** – Consider any new requests for BACWA support based on members' benefits and potential costs to BACWA.

## GOAL 5: PRACTICE GOOD GOVERNANCE

### *Strategy 1 - Ensure BACWA Policies and Procedures conform to applicable laws and best practices.*

- **Objective 1** – Regularly review and update BACWA Policies and Procedures.

### *Strategy 2 - Enhance fiscal transparency.*

- **Objective 1** – Work with EBMUD to improve readability and transparency of treasurer's reports in Executive Board Packet.
- **Objective 2** – Continue to update budget 5-Year Plan to ensure BACWA can develop its financial goals and has capacity for future initiatives to meet the objectives of the Strategic Plan.
- **Objective 3** – Continue to practice internal controls on chain of custody to enhance transparency and security of authorizations and invoice approval process.



## BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 4

MEETING DATE: January 9, 2026

**TITLE: Request for BACWA 3rd Watershed Permit funding commitment - second installment of \$1,100,000**

RECEIPT

DISCUSSION

RESOLUTION

APPROVAL

### RECOMMENDED ACTION

Authorize second installment of payment in the amount of \$1,100,000 to San Francisco Estuary Institute (SFEI) to comply with the provisions of the 3rd Watershed Permit for FY26.

### SUMMARY

The Watershed Permit for Nutrients from Municipal Wastewater Dischargers to San Francisco Bay, NPDES Permit No. CA 0038873 adopted July 10, 2024, requires the commitment of \$2,200,000 per year from POTW Dischargers as a collective effort to fund needed scientific studies as part of the implementation of the Regional Water Quality Control Board's Nutrient Management Strategy. The commitment is on a permit year basis and began October 1, 2024. BACWA's role in meeting this commitment is to collect the needed funds from its membership and provide those funds for the undertaking of the scientific studies. The identification of the studies to be undertaken is through a stakeholder governance Steering Committee on which BACWA holds two seats. Several studies are ongoing as a result of approvals of programs and projects by the Steering Committee.

The current requested authorization of \$1,100,000 to SFEI will meet second half the obligation for the second year of the Discharger's annual obligation under the five-year Watershed Permit per the above schedule. The purpose of delivering the payment in two installments was to ensure continuity in the Science Program in FY26.

### FISCAL IMPACT

This and other payments to fund the scientific studies are collected from the BACWA membership through a Nutrient Surcharge that is included on the annual due's invoice sent to the BACWA members, as well as a drawdown of BACWA reserves, as authorized by BACWA's Executive Board. This payment was included in BACWA's FY26 Budget, approved on April 18, 2025.

### ALTERNATIVES

1. No alternatives are considered for this item, as the payment is a permit requirement.

Attachments: SFEI Invoice.

Approved: \_\_\_\_\_

Jackie Zipkin, Chair,  
BACWA Executive Board

Date: January 9, 2026

**Invoice**

**San Francisco Estuary Institute**  
**4911 Central Ave.**  
**Richmond, CA 94804**  
**EIN 94-2951373**

December 9,2025  
Project No: 1092.26  
Invoice No: 1092262

Bay Area Clean Water Agency  
PO Box 24055, MS702  
Oakland, CA 94623

Project 1092.26 SF Bay Nutrient Strategy Support FY2026  
Attn:Lorien Fono

**Professional Services from July 01, 2025 to June 30, 2026**

<b>Fee</b>	<b>\$1,100,000.00</b>
<b>Total this Invoice</b>	<b>\$1,100,000.00</b>



## BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 5  
MEETING DATE: January 5, 2026

**TITLE:** Approval of \$50,000 contribution to Parsons/Purdue University on behalf of BABC, for Thermal Drying PFAS Removal Study.

RECEIPT       DISCUSSION       RESOLUTION       APPROVAL

### RECOMMENDED ACTION

Approve a \$50,000 donation to a Parsons/Purdue University Collaborative studying PFAS removal via biosolids drying.

### SUMMARY

Recent work by Parsons in collaboration with Purdue University indicates PFAS in biosolids are removed through the drying process. Preliminary results show the PFAS is not being volatilized, and therefore may be chemically transformed. Industry stakeholders need to understand the possible added value of PFAS removal when considering biosolids drying; the removal efficiency under normal design conditions, and how the removal efficiency may be improved with operational modifications. Changes in biosolids quality may result from enhanced PFAS removal.

Principal investigators for this initiative are affiliated with Purdue University and Parsons Water & Infrastructure Inc. Parsons is acting as the fiscal agent for this project. The principal investigators attended the December 1, 2025, BABC meeting and requested that the committee recommend funding for the project. Following the meeting, BABC members who had contributed to the BABC reserve prior to BABC becoming a committee of BACWA voted to fund the effort at the \$50,000 level.

### FISCAL IMPACT

This contribution will be funded via the BABC fund reserve that was earmarked for biosolids research purposes when BABC joined BACWA as a committee. The fund currently contains \$243,781.

### ALTERNATIVES

1. Do not provide funding for this project. This is not a recommended alternative because this research may be instrumental in supporting the sustainability of land applications for biosolids. Additionally, BABC was assured by BACWA that their reserve fund could be

used for research purposes at the discretion of the committee after they joined BACWA.

*Attachments:*

1. *Slide deck from Purdue/Parsons presentation to BABC on Dec 1, 2025*

Approved: \_\_\_\_\_

Jackie Zipkin, Chair,  
BACWA Executive Board

Date: \_\_\_\_\_

# FULL-SCALE DRYER FACILITY TRIAL FOR PFAS REMOVAL IN BIOSOLIDS

**Who:** Co-Pls: Linda Lee, PhD, Purdue University; Mary Martis, PE, Parsons; Project Manager: Bardia Hashemi, PE, Parsons

Current Partners: Synagro Technologies, Inc.; Purdue University; Parsons Water & Infrastructure, Inc.; Andritz North America; Eurofins.

**What:**

- Establish baseline PFAS removal with “business as usual” dryer facility operation (PFAS mass balance).
- Determine whether PFAS is being destroyed/mineralized (e.g., in the RTO)
- Modify dryer operation, including adding potential catalyst, to increase PFAS removal efficiency – 2 to 3 runs.

**Where:** Synagro operated biosolids drying facility located in EPA Region 9 with known significant PFAS contamination in biosolids.

**When:** December 2025 – June 2026

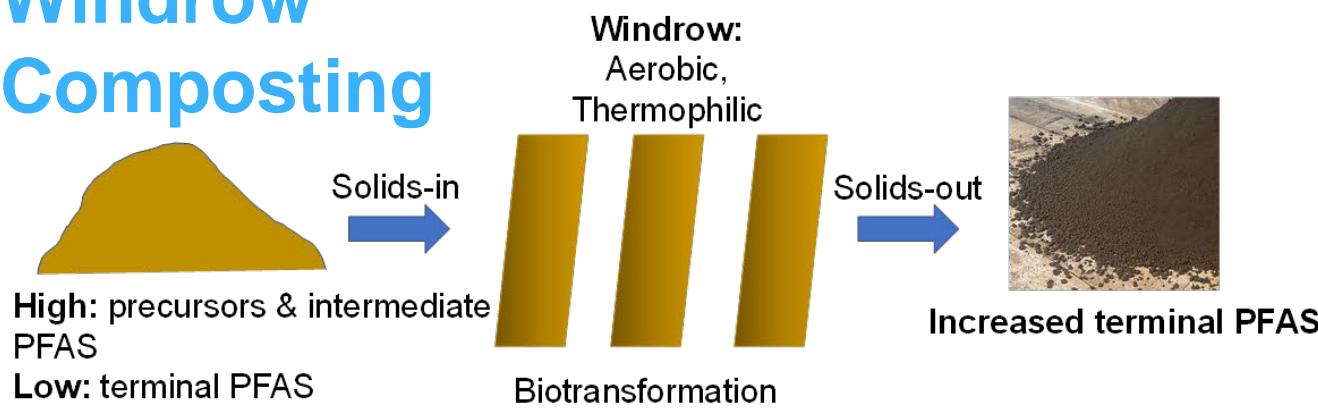
**Why:** Recent work indicates PFAS in biosolids are being removed through the drying process, but the fate of the PFAS is not known. Industry stakeholders need to know the added value of PFAS removal when considering biosolids drying; what the removal efficiency is under normal design conditions, and how the removal efficiency may be improved with operational modifications – as well as document changes in biosolids quality resulting from enhanced PFAS removal.

**How:** Design and implement trial. Perform analytical testing. Report findings. Report business case.

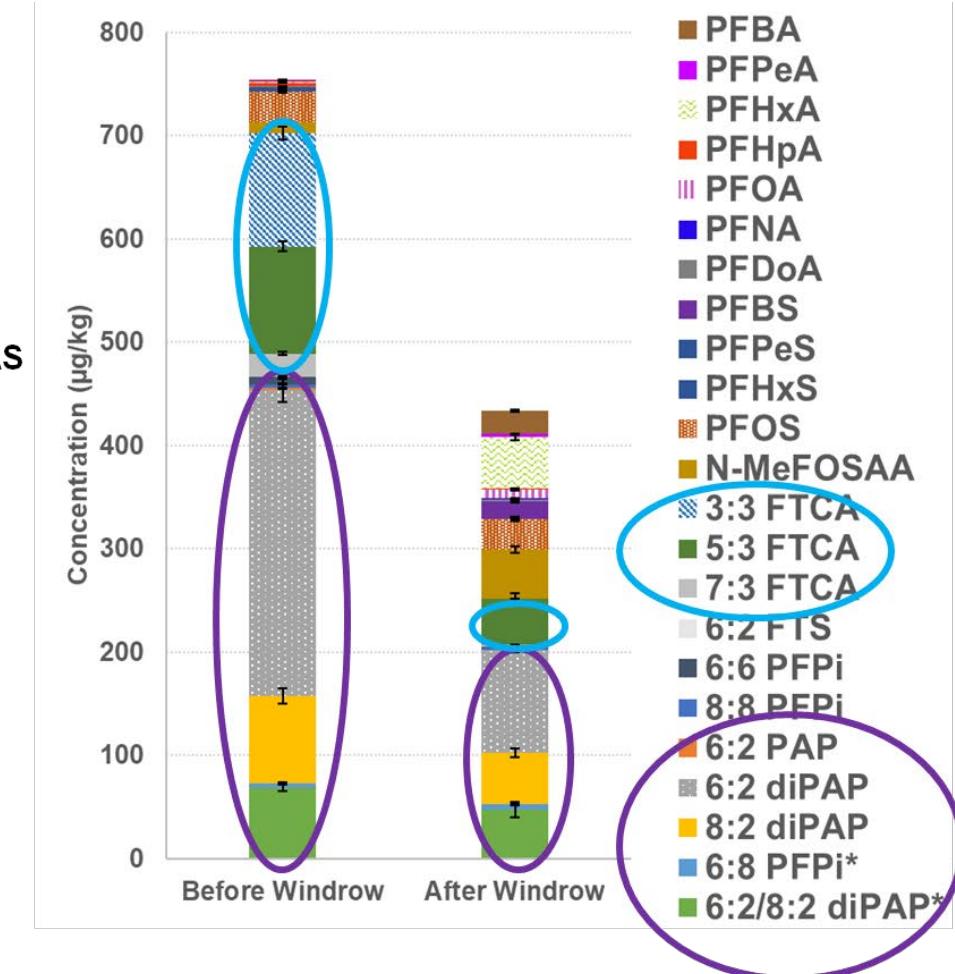
# PFAS Transformation in Solids Processing to Biosolids



## Windrow Composting



- Overall, moles of PFAS detected decreased by > 40% with windrow composting
- FT precursors, intermediates, and even terminal PFAS decreased after windrow composting
- Possible reasons
  - Expected biotransformation
  - Volatilization
  - Heat + mineral-induced oxidation



Alukkal, Lee, Gonzalez manuscript in preparation

## Source Air

**EPA OTM-45**

**EPA OTM-50**

**EPA Mod 0010**

Applications: Volatile or Semivolatile and Particulate-bound PFAS from Source Air Emissions

Collection: Based off EPA Method 0010 or TO-15

Analysis: LCMSMS with Isotope Dilution or GC/MS

## Ambient Air

**Modified  
TO-13A/TO-10A  
LCMS/GCMS**

Applications: Semivolatile, Volatile, or Particle-bound PFAS in Ambient Air

Collection: PUF/XAD Cartridge based off EPA TO-13A for high vol or TO-10A for low vol

Analysis: User-defined method for PFAS by LC or GCMS



## Indoor Air Vapor

**Modified  
TO-17 / GCMS**

Application: Neutral PFAS in Ambient Air and Soil Vapor

Collection: Thermal Desorption (TD) Tube based off EPA TO-17

Analysis: User-defined method for PFAS by GCMSMS



Modified from Taryn McKnight, Eurofind

# PFAS ANALYSES



Gas Chromatography  
Mass Spectrometry



High resolution graphite

High resolution mass spectrometry (HRMS)

Target analysis – quantifiable PFAS

Nontarget analysis – detectable PFAS

Detectable PFAS



Quantifiable PFAS

Total Oxidizable Precursor (TOP) assay

Estimating Total PFAS Indirectly  
by Total Organic Fluorine



Liquid Chromatography  
Mass Spectrometry



## BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 6  
MEETING DATE: January 9, 2026

**TITLE: Approval of \$10,000 donation to Mid Atlantic Biosolids Association for a National Coalition Biosolids Management Initiative**

RECEIPT       DISCUSSION       RESOLUTION       APPROVAL

### RECOMMENDED ACTION

Approve a \$10,000 donation to the Mid Atlantic Biosolids Association to fund a data-driven assessment of the impacts of biosolids land application bans.

### SUMMARY

Across parts of the country, utilities and biosolids service companies are currently facing significant challenges from the loss of land application for managing organic residuals due to evolving regulatory and legislative challenges related to PFAS. Mounting public scrutiny has threatened the fate of biosolids land application in over a dozen states.

To address this urgent challenge, A National Coalition, including the Mid-Atlantic Biosolids Association, Northwest Biosolids, the California Association of Sanitation Agencies, the Midwest Biosolids Association, the Northeast Biosolids and Residuals Association, the Southeast Biosolids Association, and national service provider companies are launching a critical initiative: the Capacity & Life Cycle Cost Analyses - State of Municipal Utility Biosolids Management Options. Funding is needed to complete this analysis to provide legislators and other decision makers with data-driven information on the full costs of landfilling including capacity, environmental impact, and affordability to fulfill this initiative. The project, conducted by Brown and Caldwell (BC) and Carollo Engineers, requires an estimated total fee of \$194,285.

Jim Dunbar President of NorthWest Biosolids Association Board of Directors, attended the December 1, 2025 BABC meeting and made a request for a contribution of \$10,000. Subsequently, BABC members who had contributed to the BABC reserve prior to BABC becoming a committee of BACWA voted to fund the effort at the requested level.

### FISCAL IMPACT

This contribution will be funded via the BABC fund reserve that was earmarked for biosolids

research purposes when BABC joined BACWA as a committee. The fund currently contains \$243,781.

## **ALTERNATIVES**

1. Do not provide funding for this project. This is not a recommended alternative because BABC identified this project as a high priority for its support. BABC was assured by BACWA that their reserve fund could be used for research purposes at the discretion of the committee after they joined BACWA.

*Attachments:*

1. *Mid Atlantic Biosolids Invoice*
2. *Full-Scale dryer facility trial for PFAS removal in biosolids, slide deck*

Approved: \_\_\_\_\_

Date: \_\_\_\_\_

Jackie Zipkin, Chair,  
BACWA Executive Board



Bay Area Biosolids Coalition  
c/o Bay Area Clean Water Agencies - BACWA  
PO Box 24055  
MS 702  
Oakland, CA 94623

Invoice # 13167  
Invoice Date 12/31/2025  
Invoice Due Due Upon Receipt

<b>Amount Due</b>	<b>\$ 10,000.00</b>
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**Transactions**

<b>Description</b>	<b>Amount</b>
PROJECT PARTNER Biosolids Management Communication Project	\$ 10,000.00

<b>Total Amount</b>	<b>\$ 10,000.00</b>
<b>Amount Paid</b>	<b>-\$ 0.00</b>
<b>Amount Due</b>	<b>\$ 10,000.00</b>

December 2, 2025

TO:           Christine Polo, BACWA/BABC Committee  
                 Lorien Fono, BACWA

**PROJECT:   A National Coalition Biosolids Management Initiative**

**CALL FOR SUPPORT: Funding Data-Driven Defense Against Biosolids Land Application Bans**

Across parts of the country, utilities and biosolids service companies are currently facing significant challenges from the loss of land application for managing organic residuals due to evolving regulatory and legislative challenges related to PFAS. Mounting public scrutiny has threatened the fate of biosolids land application in over a dozen states. It is critical that we take proactive action to counter the inaccurate narrative on biosolids land application and halt the tide against potential bans.

To address this urgent challenge, A National Coalition, including the Mid-Atlantic Biosolids Association, Northwest Biosolids, the California Association of Sanitation Agencies, the Midwest Biosolids Association, the Northeast Biosolids and Residuals Association, the Southeast Biosolids Association, and national service provider companies are launching a critical initiative: the Capacity & Life Cycle Cost Analyses – State of Municipal Utility Biosolids Management Options.

Funding is needed to complete this analysis to provide legislators and other decision makers with data-driven information on the full costs of landfilling including capacity, environmental impact, and affordability to fulfill this initiative. The project, conducted by Brown and Caldwell (BC) and Carollo Engineers, requires an estimated total fee of \$194,285.

Timing is critical. Key states, including California, have been considering issues related to PFAS contamination, and several other states are considering legislation that would ban or restrict biosolids beneficial use, including land application, in 2026. If we fail to act to support these programs, we expect other states will follow suit and impacts will be faced nationwide. The envisioned study will take less than 2 months to complete various phases and be available as a tool in early 2026 for this coalition.

Your participation will directly fund two essential strategic components designed to mitigate legislative threats: negative consequences of land application bans and strategic communication tools.

## **Land Application Bans**

Banning or restricting land application will leave landfill disposal as the only practical alternative. Regional landfill capacity is limited, requiring transportation and disposal to “out of region” landfill sites, thereby greatly increasing costs. To help make informed decisions and policy, this study will be available for you to provide legislators with reliable data demonstrating the severe impacts of such restrictions. This study will focus on the landfill capacity to dispose of biosolids beyond an individual state’s borders, and the financial impacts associated with it.

The financial analysis will include life cycle costs of landfill disposal and cost curves for developing new technology to increase end use options. Additionally, the study will focus on the negative environmental impacts of landfill disposal.

## **Communication Tools**

The data developed through the analysis will be translated into concise, persuasive messages to ensure the messages reach legislators and other decision makers. First, the message will include the environmental benefits and affordability of land application. Secondly the analysis will provide talking points and clear communication tools for legislators and other decision makers.

To properly fund this activity, BACWA/BACA Committee are requested to contribute \$10,000 in financial support towards this project. The Mid-Atlantic Biosolids Association (MABA) is acting as the contracting entity with Brown and Caldwell (BC) and Carollo Engineers to implement this project. All the regional Associations and private companies are needed, and expected, to contribute to this project. It is anticipated that funding will be needed in January 2026.

Feel free to reach out to discuss how your support can secure the future of beneficial biosolids use.

Sincerely,

James Dunbar  
President, Board of Directors  
NorthWest Biosolids Association

# San Francisco Bay Water Quality Trading Feasibility Assessment

David Primozych, Vice President of Water  
Chris Thomas, Sr. Attorney & Policy Specialist  
Jessica Fox, Sr. Program Manager

BACWA Executive Board Meeting  
December 12, 2025



1

## Limitations & Acknowledgments

### Limitations

This initial assessment evaluated the viability of a WQT program and is intended to inform permit compliance strategies. A trading framework will be developed in subsequent work.

### Acknowledgment

We are grateful to **SFEI** and **HDR** for collaborating and providing critical information. However, interpretation of information was done by TFT and any resulting errors, if present, are TFT's alone.



2

## Topline for San Francisco Bay WQT

- WQT is viable in SF Bay
- Trading is:
  - Consistent with permit
  - Provides flexible compliance pathways POTWs need
  - Enables investment where it has the most impact
- Need to move fast

3

## Steps to Deployment

Key Dates & Framework Development Milestones	
POTW Engagement	January – March 2026
Permit: Alternatives Analysis Due	April 1, 2026
Technical Analysis and Vetting	January – June 2026
WQT Framework to Water Board	July 2026
Finalize WQT Framework	September 2026
Enable Management Systems	January 2027
Launch WQT Program	February 2027
Permit: Compliance Plan Due	April 1, 2027
<b>IMPLEMENT PROGRAM (2027-2030), Consider NPS Credits</b>	
<b>REFINE PROGRAM (2031-2034)</b>	

4

## Components of a WQT Framework

WQT is customizable. Many options for program design.

- Participation Eligibility
- Credit Characteristics
- Credit Quantification & Baseline
- Trading Area
- Transactional Mechanics
- Trading Ratios & Reserve Pool
- Tracking & Reporting
- Incentives for Early Participants
- Adaptive Management



### Bottomline Requirements

Economically Viable, Legally Permissible, Scientifically Defensible

5

## Initial Feasibility Analysis

What we considered:

- Is there a need for WQT?
- Viable credit supply and demand?
- Is there science to support analysis?
- Trading area sufficient to support market?
- Credit Price?

### Checking for Dealbreakers

Economically Viable, Legally Permissible, Scientifically Defensible

6

## BACWA Member Perspectives

15 meetings with 25 utilities between August and December

- 100% Attendance Rate from Large POTWs (12 of 12)
- 76% Attendance Rate from Medium/Small POTWs (13 of 17)

*“We are making decisions now . . . when will WQT be available?”*

*“I’m holding my excess reductions as an insurance buffer.”*

*“What if I only need credits for a short period of time?”*

*“What if I buy credits and the seller doesn’t deliver?”*

*“How much do credits cost?”*

**We Heard:** *“We are interested, but we need details fast to include WQT as part of a compliance strategy.”*

**WQT is a desired alternative. Move Now.**

7

## Is there a Need? POTW Compliance Pathways

*\*TFT Interpretation from Compliance Plans, Courtesy of HDR*

**~35% of needed reductions are "Unknown" or "Uncertain".\***

Likelihood of Meeting Final Effluent Limit	Sum Final Effluent Limit Total Inorganic Nitrogen (kg/day) [2]
Certain	7006.20
Mostly Certain	3048.00
Somewhat Certain	6500.00
Uncertain	4649.00
Unknown	5480.00
<b>Grand Total</b>	<b>26683.20</b>

POTW April 1, 2026  
Deadline for  
Alternatives Analysis.

\*6,600 kg/day of 17,850  
kg/day = ~35%

**There is a Need – Keep WQT on the Table**

**Next:** Support POTWs to include WQT in April 2026 alternatives.

8

## SFEI Research – Usable Now For WQT

*\*As Interpreted by TFT*

Nitrogen loading and the relation to HABs is difficult to predict.

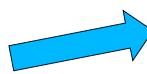
### SFEI Biogeochemical Model:

- Simulates nutrients (loads, transport, cycling); phytoplankton production; oxygen cycling.
- HAB model development underway.
- Water quality results predicted at 100-200m resolution.



### TIN Source Apportionment Model:

- Allows for estimating zones of influence (ZOI) and relative contributions to TIN
- Scenarios for ZOI, subembayments, and relative contributions useful for WQT scenarios.
- V1 (Dec 2025). Development in CY2026 Q1-Q2



Source: SFEI

## SFEI has Tools to Consider WQT

**Next:** Collaborate with SFEI to consider trading scenarios.

9

## Trading Areas & Ratios

**Trading throughout the Bay with minimal or no trade ratio consistent with Permit's Aggregate Mass Load Limit approach.**

- The permit considers Aggregate Mass, not subembayment reductions.
- If WQT follows the current permit approach, trading could occur across the full Bay with no trading ratios for attenuation.
- Full Bay trading maximizes buyer/seller options and facilitates robust WQT.

## Full Bay Trading Appears Reasonable

**Next:** Confirm that full bay trading without attenuation ratios is appropriate legally and ecologically.

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## Cost of Credits

Information for a final cost analysis is currently incomplete

### Factors Influencing Credit Price

- Cost of Treatment (\$/kg TIN)

- Market Structure and program management cost
- Attenuation factors
- Retirement pool and uncertainty buffer
- Tracking and reporting obligations
- Seller risk variables



Determined by WQT  
Program Structure

### Require More Information to Know Credit Price

**Next:** Collect cost information and define WQT program structure.

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## Next Steps in Trading Framework

- **POTW Support:** Provide information for compliance alternative analysis.
- **Credit Supply/Demand:** Refine analysis and create a responsive WQT Framework.
- **Science & Modeling:** Coordinate with SFEI on trading scenarios.
- **Trading Areas:** Confirm full bay trading without attenuation ratios is appropriate legally and ecologically.
- **Credit Price:** Collect treatment costs and define WQT Program.

### No Dealbreakers Identified

Economically Viable, Legally Permissible, Scientifically Defensible, but WQT program development must proceed quickly to be feasible

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## Bottomline

- Water Quality Trading is Viable in SF Bay
- Trading is:
  - Consistent with permit
  - Provides flexible compliance pathways POTWs need
  - Enables investment where it has the most impact
- Need to Move Fast



13

## Steps to Deployment

### Build, Implement, Refine

#### Key Dates & Framework Development Milestones

POTW Engagement	January – March 2026
Permit: Alternatives Analysis Due	April 1, 2026
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WQT Framework to Water Board	July 2026
Finalize WQT Framework	September 2026
Enable Management Systems	January 2027
Launch WQT Program	February 2027
Permit: Compliance Plan Due	April 1, 2027

#### IMPLEMENT PROGRAM (2027-2030), Consider NPS Credits

#### REFINE PROGRAM (2031-2034)

14

## Contact

If you have questions or would like to discuss WQT as it could relate to your specific circumstances, please contact:

Chris Thomas, *Senior Attorney & Policy Analyst*  
[cthomas@thefreshwatertrust.org](mailto:cthomas@thefreshwatertrust.org)

Jessica Fox, *Senior Program Manager*  
[Jessica.Fox@thefreshwatertrust.org](mailto:Jessica.Fox@thefreshwatertrust.org)



# BACWA Compliance Milestone #2 Request for Information

BACWA is circulating this Request for Information (RFI) to support regional compliance with the Nutrients Watershed Permit. **Please respond by February 13, 2026.** If you need assistance, please attend HDR's office hours: [Link to office hours schedule](#).

---

There are three main sections of this RFI. The first is required and will satisfy the compliance schedule milestone reporting requirements of the of the 2024 Nutrients Watershed Permit (R2-2024-0013; see Table 5). Agencies are required to update their information annually so that BACWA can compile and submit the information with the Group Annual Report due April 1, 2026.

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The second section supports a proposed Basin Plan Amendment to allow compliance schedules longer than 10 years. Your participation is not required, but would be greatly appreciated.

---

The third part supports the Regional Planning Study required by Order R2-2024-0013, including development of a nutrient trading framework for the region.

---

Please make sure that you would be comfortable providing to the Water Board all the information submitted through this RFI.

---

## Administrative

**Please provide the names of those completing this form.**

*If multiple, separate with semicolon.*

---

**Please provide the email addresses of those completing this form.**

*If multiple, separate with semicolon.*

---

**Please select the Discharger.**

<input type="radio"/> American Canyon, City of	<input type="radio"/> Benicia, City of	<input type="radio"/> Burlingame, City of
<input type="radio"/> Central Contra Costa Sanitary District	<input type="radio"/> Central Marin Sanitation Agency	
<input type="radio"/> Crockett Community Services District	<input type="radio"/> Delta Diablo	
<input type="radio"/> Dublin San Ramon SD	<input type="radio"/> East Bay Municipal Utility District	<input type="radio"/> Fairfield-Suisun Sewer District
<input type="radio"/> Hayward, City of	<input type="radio"/> Livermore, City of	<input type="radio"/> Millbrae, City of
<input type="radio"/> Mt. View Sanitary District	<input type="radio"/> Novato Sanitary District	<input type="radio"/> Oro Loma SD
<input type="radio"/> Palo Alto, City of	<input type="radio"/> Pinole, City of	<input type="radio"/> Richmond, City of
<input type="radio"/> Rodeo Sanitary District	<input type="radio"/> San Jose and Santa Clara, Cities of	<input type="radio"/> San Leandro, City of
<input type="radio"/> San Mateo, City of	<input type="radio"/> Sausalito-Marin City Sanitary District	
<input type="radio"/> SD No. 5 of Marin County (Paradise Cove)	<input type="radio"/> SD No. 5 of Marin County (Tiburon)	
<input type="radio"/> Sewerage Agency of Southern Marin	<input type="radio"/> SFO Airport	
<input type="radio"/> SFPUC Southeast	<input type="radio"/> SFPUC Treasure Island	<input type="radio"/> Silicon Valley Clean Water
<input type="radio"/> South San Francisco and San Bruno, Cities of	<input type="radio"/> Sunnyvale, City of	
<input type="radio"/> Union SD	<input type="radio"/> Vallejo Flood and Wastewater District	
<input type="radio"/> West County Wastewater District		

## **1. Compliance Schedule Milestone Reporting (Required)**

**Is this discharger considered an early actor?**

*In determining your response, please follow the guidance provided by the Regional Water Board in their 2025 Letter (available here: [Link](#))*

- Yes
- No
- Unsure

**Please provide your expected next steps if you have implemented early actions but you are unsure you qualify.**

*As per May 30, 2025 letter from Board*

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**Please provide a status update on project implementation**

*As per May 30, 2025 letter from Board*

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**Please provide the date construction or implementation began for each project.**

*As per May 30, 2025 letter from Board*

---

**Please provide the expected completion date or date projects were completed (expected year is acceptable) for each project.**

*As per May 30, 2025 letter from Board*

---

For each project, list the TIN discharge concentration (mg N/L) expected upon completion. For recycled water projects, please provide the expected TIN load reduction (kg N/d)

As per May 30, 2025 letter from Board

---

Please select all categories that apply to the projects:

As per May 30, 2025 letter from Board

- Optimization
- Traditional Treatment Infrastructure
- Nature-Based Solutions
- Recycled Water

Would you like to provide information for additional projects that you are considering to also achieve compliance?

- Yes
- No

Do you plan to meet the final effluent TIN limits solely or in part through treatment optimization?

- Yes
- No

Please describe the optimization work planned for your facility.

---

Please provide your schedule for completion of the work (Table 5 in R2-2024-0013 requires completion by May 1, 2028).

---

Prior to this milestone, had you already identified a compliance pathway? Link to 2024 Group Annual Report: [link](#)

- Yes
- No

Please select all categories that apply to the projects:

- Optimization
- Traditional Treatment Infrastructure
- Nature-Based Solutions
- Recycled Water
- Nutrient Credit Trading

Please provide a status update on implementation of the identified compliance pathway

---

Please describe which alternative or combination of alternatives best achieves compliance with the final effluent TIN limit.

---

Please select all categories that apply to the projects:

- Optimization
- Traditional Treatment Infrastructure
- Nature-Based Solutions
- Recycled Water
- Nutrient Credit Trading

Does your compliance pathway include innovative technology?

- Yes
- No
- Maybe/Unsure

Will you perform a pilot study for the proposed innovative technology?

- Yes
- No

Please provide a timeline for each expected pilot study

---

What information can you provide regarding your consideration of innovative technology?

---

Please provide a summary of your progress toward meeting the final effluent TIN limits.

*Free form, flexible response to allow the discharger to share information not provided previously. The goal is to provide any additional narrative information with key details*

---

## 2. Basin Plan Amendment Support (Optional; Not Included in Group Annual Report)

Does your compliance pathway require more than the 10 years given by Order R2-2024-0013?

- Yes
- No

Please select the categories that apply to your projects that may qualify for an extended compliance deadline under the proposed amendment. 1) NbS 2) Water Recycling 3) Innovative Technology 4) Significantly below current final limits (e.g., ~15 mg/L)

- Nature-Based Solution
- Water Recycling
- Innovative Technology
- Significantly below current final limits (e.g., ~15 mg/L)

What are you hoping to achieve through the proposed innovative technology (i.e., what is your motivation)?

---

Are you seeking grant funding?

- Yes
- No

Please describe the type of grant funding you are seeking and when you plan on applying.

---

Please describe the financing alternatives you are considering.

---

### 3. Regional Planning Study Information (Required)

Does your compliance pathway include any multi-benefit solutions?

- Yes
- No

Please describe.

---

Are you interested in participating in workshops related to innovative technology and multi-benefit solutions?

- Yes
- No

Do you have a firm understanding of nutrient credit trading and its role in meeting the final effluent limits?

- Yes
- No

In responding to the following questions on nutrient credit trading, please consider that without demonstrated interest from the dischargers, a trading program is unlikely to succeed. Please respond in a way that reflects how you would like to see the program develop.

---

**Are you interested in participating in a group workshop related to nutrient credit trading to better understand the opportunity and potential?**

- Yes
- No

**Are you interested in an individual meeting to discuss the opportunity and potential of nutrient credit trading for your organization?**

- Yes
- No

**Are you considering participating in nutrient credit trading as a seller/buyer?**

- Yes, Buyer
- Yes, Seller
- Unsure
- No

We would appreciate more information regarding your uncertainty.

---

**Do you have a rough estimate the TIN reduction (kg/year) you would like to purchase each year?**

---

**Do you have an estimate of the timing of your interest in purchasing credits (i.e., when and for what duration)?**

---

**Do you have a rough estimate the TIN reduction (kg/year) you would like to sell each year?**

---

**Do you have an estimate of the timing of your interest in selling credits (i.e., when and for what duration)?**

---

**Even if you are not currently planning on buying or selling, are you still interested in the nutrient trading as a potential future compliance option? (Yes, No, Unsure)**

- Yes
- No
- Unsure

We would appreciate more information about why you are not interested in participating or are unsure.

---

(Optional) For the Regional Planning Study, BACWA plans to hold a workshop in Q1 2026 to discuss project financing and estimated ratepayer impacts (See [Scoping Plan](#), Task 8). Is there a finance representative from your agency that BACWA should invite? If so, enter their email address(es) below.

---

**Schedule for Production of April 2026 BACWA Group Annual Report for Nutrients Watershed Permit (and related tasks)**

<b>Item</b>	<b>Topic</b>	<b>Date</b>
<b>Review:</b> HDR distributes draft GAR Appendices and underlying data (Excel workbook format) to dischargers.	Group Annual Report (Main Body)	HDR will distribute appendices as they are produced starting week of 12/29 and getting them all out by January 14
<b>Comments Due:</b> Dischargers provide feedback on draft GAR Appendices and any needed data modifications	Group Annual Report (Main Body)	By February 6
<b>Survey:</b> RFI Survey deadline	Compliance Milestone Appendix of Group Annual Report	<b>By February 13</b>
<b>Review:</b> Compliance Milestone Reporting Summary distributed to dischargers for review	Compliance Milestone Appendix of Group Annual Report	Mid-February
<b>Review:</b> GAR Main Body distributed to dischargers for review	Group Annual Report (Main Body)	Mid-February
<b>Workshop on Ratepayer Impacts and Financing</b> - BACWA will request participation of finance contacts from member agencies	Regional Planning Study	TBD - Q1 2026
<b>Comments Due:</b> Compliance Milestone Reporting Summary comments to HDR	Compliance Milestone Appendix of Group Annual Report	By March 6
<b>Comments Due:</b> GAR Main Body to HDR	Group Annual Report (Main Body)	By March 13
<b>Submittal:</b> GAR submitted to Water Board (by BACWA)	Final Submittal: Group Annual Report + Compliance Milestone Appendix	By April 1, 2026

# Group Annual Report (2025)

## Overview of Changes to Report Structure and Preliminary Results



2026-01-05

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## Outline

- Revised Group Annual Report Structure
- Results for 2025 (Preliminary)
- Trending Analysis (Preliminary)

### Group Annual Report (2025)

Bay Area Clean Water Agencies

Nutrients Watershed Permit

NPDES Permit CA0038873

Order R2-2024-0013

April 1, 2026



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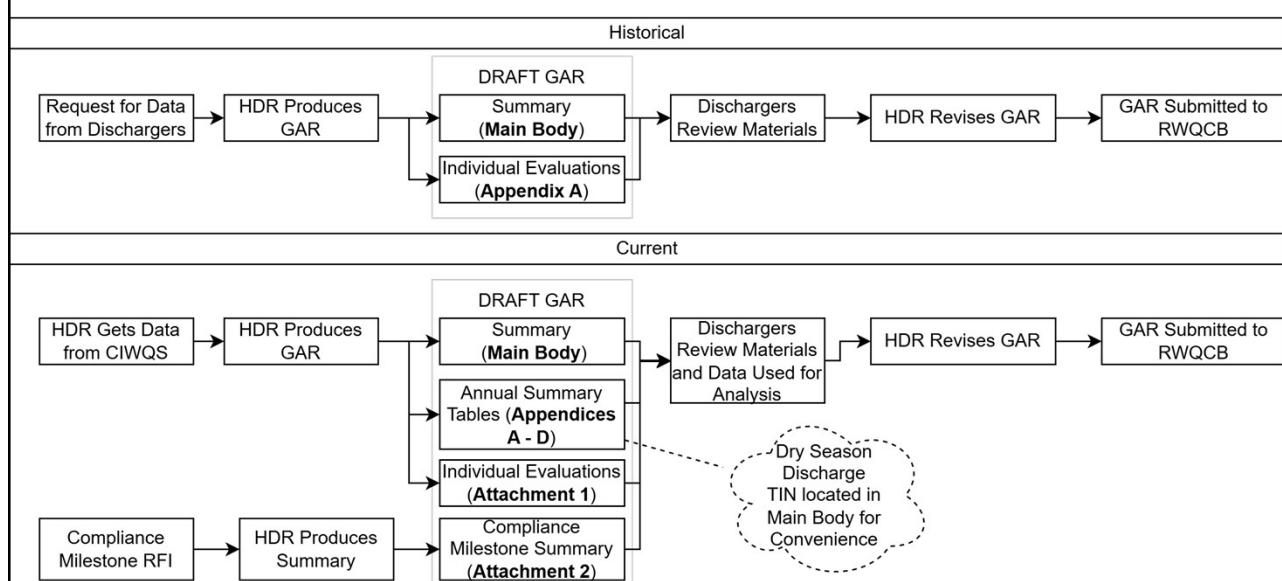
## Revised Group Annual Report Structure

- Goal of revision is to improve the flow, readability, and usability.
- Key changes:
  - Addition of Executive Summary.
  - Plot style updated.
  - Expanded Introduction section to provide more historical context.
  - Expanded Approach section to provide more clarity on methods.
  - Population trending added to discussion.
  - Restructuring:
    - Large annual average tables moved from main body to appendices.
    - Individual evaluations are now "Attachment 1" (previously known as Appendix A)
    - Compliance milestone summary is now "Attachment 2" (previously known as Appendix B)

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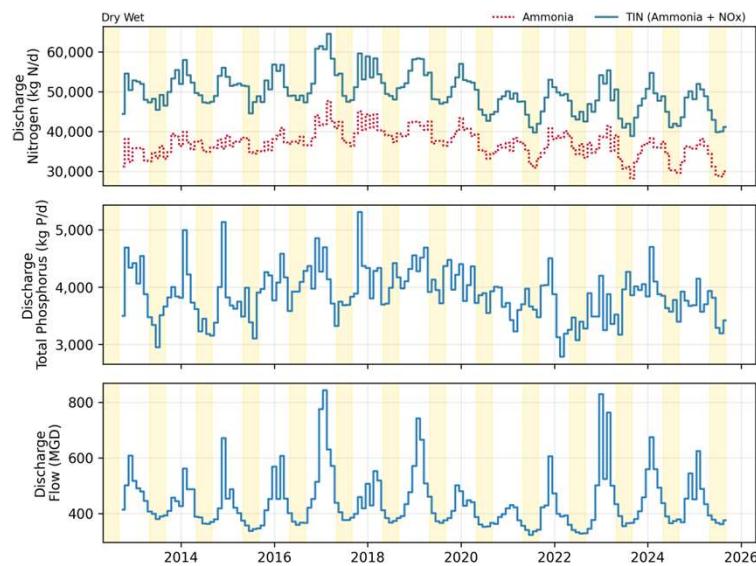
## Revised Group Annual Report Structure



4

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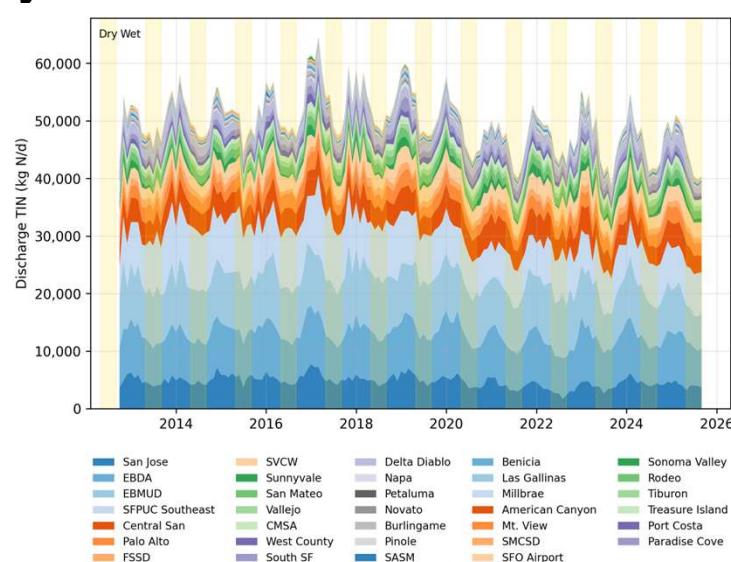
## Preliminary Results



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## Preliminary Results – TIN



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## Preliminary Results – Dry Season Discharge

- May 1 through September 30



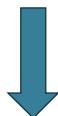
Constituent	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Average
Flow, mgd	393	374	351	372	396	383	394	363	339	337	381	388	<b>374</b>	371
Ammonia, kg N/d	34,000	36,300	36,200	37,300	38,900	38,900	38,200	35,400	33,600	35,800	32,400	32,400	<b>30,600</b>	35,500
NOx, kg N/d	13,300	11,800	12,500	11,100	11,700	11,000	10,800	10,000	9,290	8,540	10,700	11,200	<b>11,200</b>	10,800
TIN, kg N/d <sup>(d)</sup>	47,300	48,100	48,700	48,400	50,600	50,000	49,200	45,700	43,100	44,400	43,300	43,700	<b>41,700</b>	46,400
TP, kg P/d	3,400	3,320	3,570	3,960	3,660	4,000	4,010	3,790	3,680	3,300	3,760	3,650	<b>3,530</b>	3,690

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## Preliminary Results – Dry Season Discharge

- May 1 through September 30



Constituent	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Average
Flow, mgd	393	374	351	372	396	383	394	363	339	337	381	388	<b>374</b>	371
Ammonia, kg N/d	34,000	36,300	36,200	37,300	38,900	38,900	38,200	35,400	33,600	35,800	32,400	32,400	<b>30,600</b>	35,500
NOx, kg N/d	13,300	11,800	12,500	11,100	11,700	11,000	10,800	10,000	9,290	8,540	10,700	11,200	<b>11,200</b>	10,800
TIN, kg N/d <sup>(d)</sup>	47,300	48,100	48,700	48,400	50,600	50,000	49,200	45,700	43,100	44,400	43,300	43,700	<b>41,700</b>	46,400
TP, kg P/d	3,400	3,320	3,570	3,960	3,660	4,000	4,010	3,790	3,680	3,300	3,760	3,650	<b>3,530</b>	3,690

Calculated using  
Monthly Averages  
(Historical Method)

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## Preliminary Results – Dry Season Discharge

- May 1 through September 30

Constituent	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Average
Flow, mgd	393	374	351	372	396	383	394	363	339	337	381	388	<b>374</b>	371
Ammonia, kg N/d	34,000	36,300	36,200	37,300	38,900	38,900	38,200	35,800	35,800	35,800	35,800	32,400	<b>30,600</b>	35,500
NOx, kg N/d	13,300	11,800	12,500	11,100	11,700	11,000	10,800	10,800	10,800	10,800	10,800	11,200	<b>11,200</b>	10,800
TIN, kg N/d <sup>(d)</sup>	47,300	48,100	48,700	48,400	50,600	50,000	49,200	45,700	43,100	44,400	43,300	43,700	<b>41,452.4</b>	46,400
TP, kg P/d	3,400	3,320	3,570	3,960	3,660	4,000	4,010	3,790	3,680	3,300	3,760	3,650	<b>3,530</b>	3,690

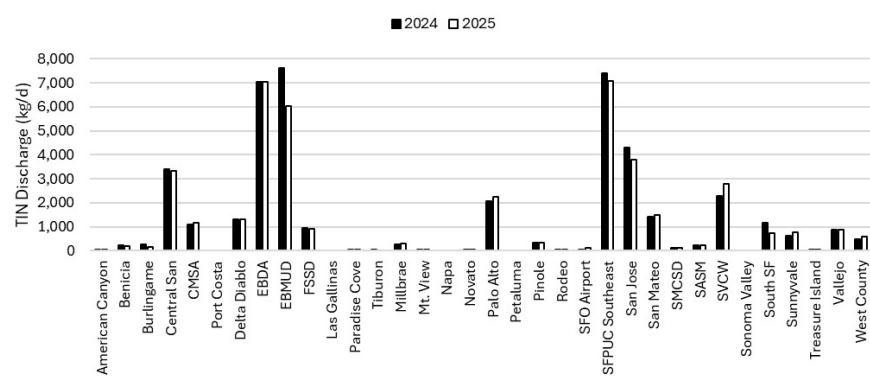
Calculated using  
Average Flow and  
Average  
Concentration  
(Required Method)

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## Observations

- Main driver of reduction observed in 2025 is EBMUD's ongoing optimization effort.
- South SF, SFPUC Southeast, San Jose, Central San, and others also contributed.



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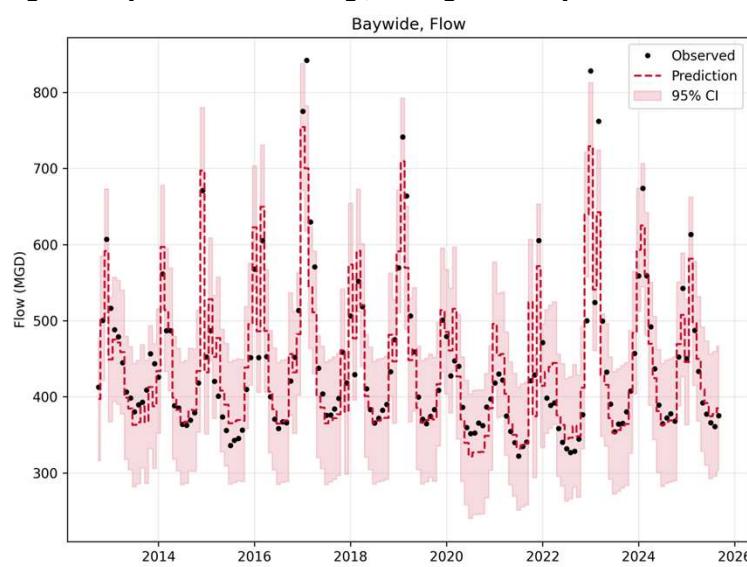
## Trend Analysis (Preliminary)

- Historically, the GAR trend analysis has consisted of a simple linear trendline.
- Trend analysis has been updated to reflect multiple variables.
  - Separate pre and post pandemic slopes to see trends before and after, if different.
  - Include the effect of the pandemic on flows and loads.
  - Deseasonalize the trend estimates (i.e., account for seasonal variations).
  - Account for specific historical events without corrupting underlying trend
  - Precipitation effect on flows
- This year's GAR will include an analysis of the impact of the pandemic (regression analysis only).

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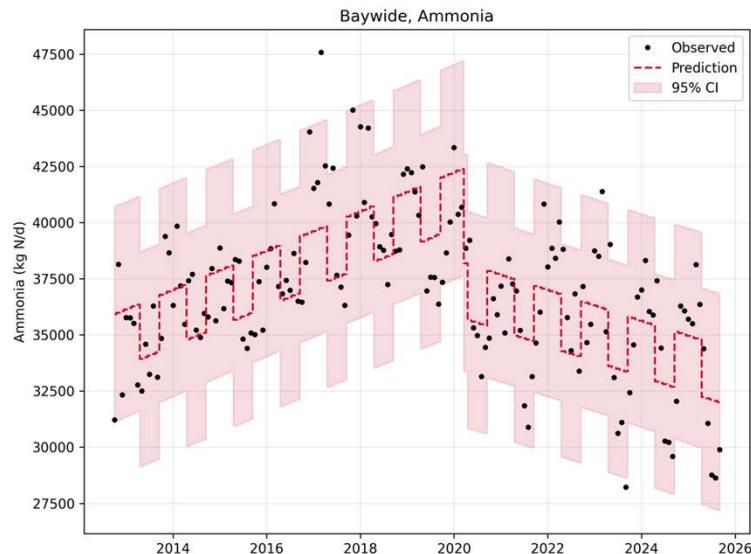
## Trend Analysis (Preliminary, Baywide)



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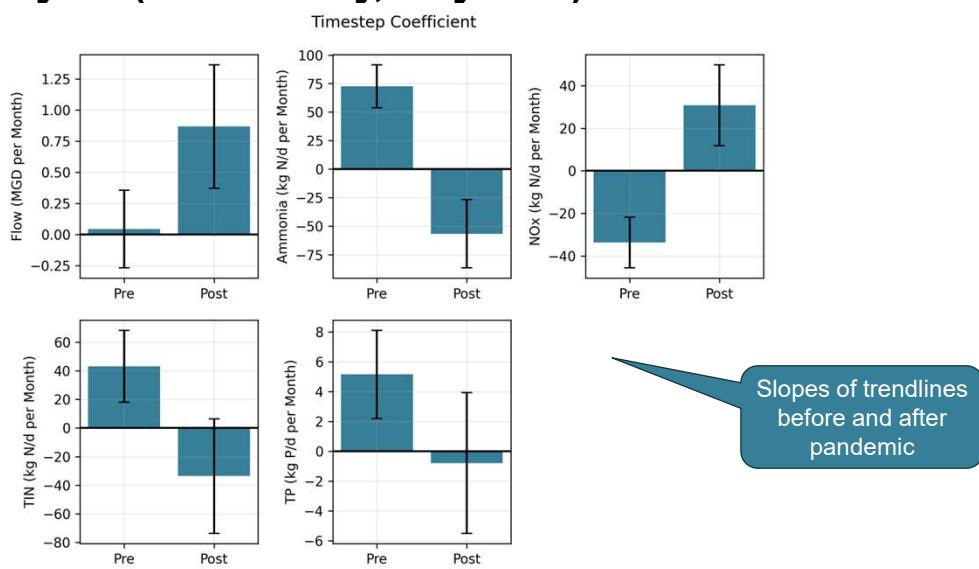
## Trend Analysis (Preliminary, Baywide)



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## Trend Analysis (Preliminary, Baywide)

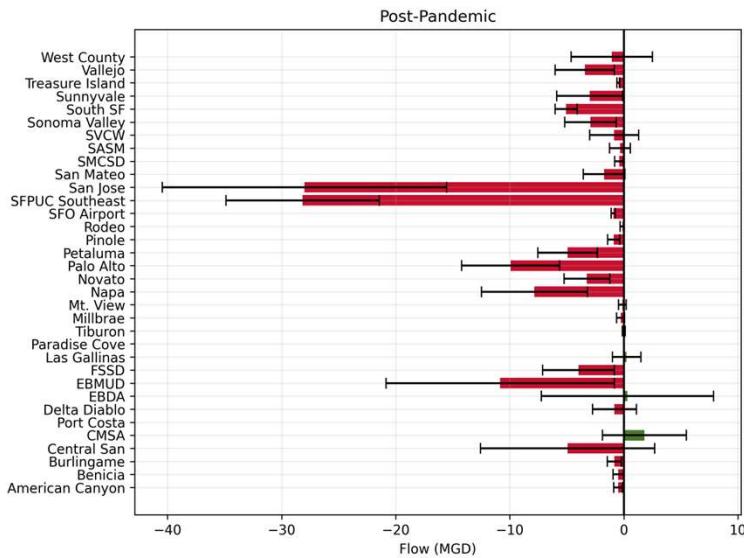


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## Trend Analysis (Preliminary)

Constant that accounts for impact of the pandemic

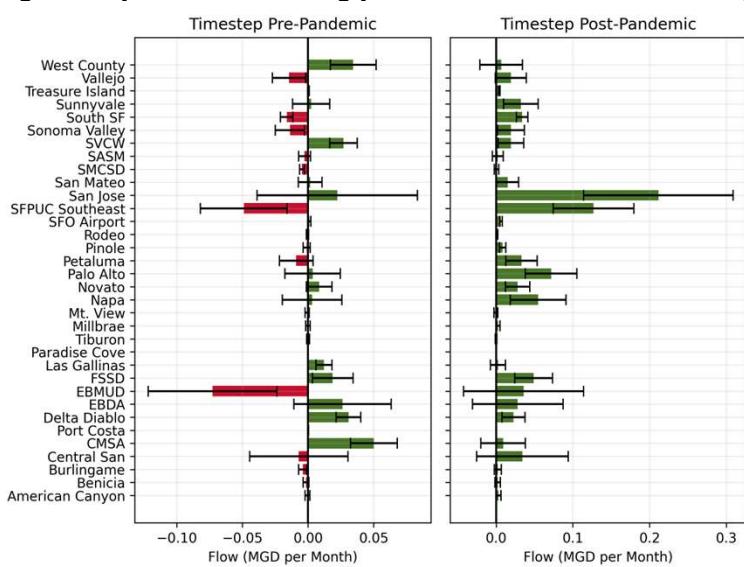


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## Trend Analysis (Preliminary)

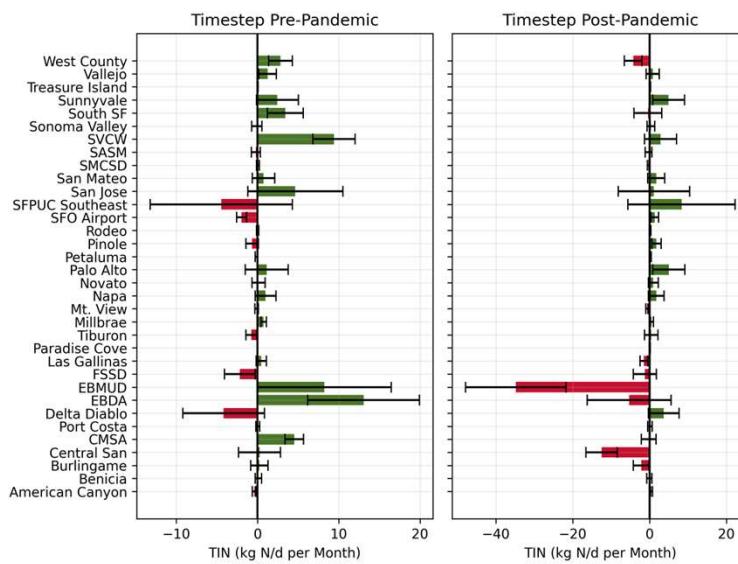
Slopes of trendlines before and after pandemic



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## Trend Analysis (Preliminary)

Slopes of trendlines  
before and after  
pandemic



## MEMORANDUM OF UNDERSTANDING FOR PREPARATION OF ENVIRONMENTAL DOCUMENTS

This Memorandum of Understanding (MOU) is entered into between the Bay Area Clean Water Agencies (BACWA) and the California Regional Water Quality Control Board, San Francisco Bay Region (Regional Water Board or Board), to provide for the preparation of a substitute environmental document (SED) pursuant to the California Environmental Quality Act (CEQA; Pub. Resources Code §§ 21000 et seq.; Cal. Code Regs., tit. 14, §§ 15000 et seq.) and the State Water Resources Control Board's (State Water Board) certified exempt regulatory program regulations at Cal. Code Regs., tit. 23, §§ 3775 et seq.

### RECITALS

WHEREAS, the Regional Water Board through Resolution R2-2024-0014 directed staff to identify and evaluate regulatory mechanisms to extend the compliance schedule for multi-benefit compliance actions, such as nature-based solutions, recycled water projects, and innovative technologies, to achieve compliance with final nutrient effluent limitations in the Nutrients Watershed Permit (Order R2-2024-0013 or Permit). Currently, the State Water Board's Resolution 2008-0025, "Policy for Compliance Schedules in National Pollutant Discharge Elimination System Permits," (Compliance Schedule Policy) has a maximum compliance schedule of ten years from the date of adoption, revision, or new interpretation of an applicable water quality objective, unless a total maximum daily load (TMDL) provides for a longer schedule. The Regional Water Board staff is proposing an amendment to the Board's water quality control plan (Basin Plan) to allow a longer compliance schedule than is allowed by the Compliance Schedule Policy for ~~multi-benefit compliance actions, referred to~~ certain as qualifying projects in the proposed Basin Plan amendment (hereinafter referred to as Project);

WHEREAS, CEQA authorizes the Secretary of the Resources Agency to certify a state agency's regulatory program that includes environmental information documentation as exempt from the requirements for preparing environmental impact reports (EIR), if certain conditions are met. (Pub. Resources Code, § 21080.5.) The Regional Water Board's water quality control planning program is a certified regulatory program, and a SED may be prepared in lieu of an EIR for the Project. (*Ibid.*; Cal. Code Regs., tit. 14, § 15251, subd. (g).) While the water quality planning program is exempt from certain CEQA requirements, it is still subject to the substantive requirements of CEQA, such as not approving projects if there are feasible alternatives or feasible mitigation measures that would substantially lessen a significant adverse effect an activity may have on the environment. In addition, a SED must comply with ~~in~~ the Cal. Code Regs., tit. 23, §§ 3775 et seq. Section 3777 of this regulation requires a SED to consist of (1) a written report containing an environmental analysis of the project, (2) an environmental checklist, and (3) other documents as the board may include. Further, the SED must, at a minimum, contain the following:

1. A brief description of the proposed project;
2. An identification of any significant or potentially significant adverse environmental impacts of the proposed project;

3. An analysis of reasonable alternatives to the project and mitigation measures to avoid or reduce any significant or potentially significant adverse environmental impacts;

3.4. An environmental analysis of the reasonably foreseeable methods of compliance. The environmental analysis shall include, at a minimum, all of the following:

- a. An identification of the reasonably foreseeable means of compliance with the project;
- b. An analysis of any reasonably foreseeable significant adverse environmental impacts associated with those means of compliance;
- c. An analysis of reasonably foreseeable alternative means of compliance that would have less significant adverse environmental impacts; and
- d. An analysis of reasonably foreseeable mitigation measures that would minimize any unavoidable significant adverse environmental impacts of the reasonably foreseeable means of compliance;

WHEREAS, the Regional Water Board is the lead agency for the Project and a SED must be prepared for the Project in accordance with CEQA and the Board's regulations;

WHEREAS, BACWA supports efforts that provide more time to comply with the nutrient effluent limitations in the Permit and has agreed to retain and pay the costs of a consultant to prepare the SED for the Project for the Regional Water Board's independent review and use;

WHEREAS, pursuant to California Code of Regulations, title 14, sections 15084 and 15045, the Regional Water Board is authorized to execute an MOU with BACWA to govern the environmental analysis of the Project and preparation of the SED to fully comply with CEQA and the Board's regulations using assistance provided by an independent consultant;

WHEREAS, BACWA has selected and the Regional Water Board, by execution of this MOU, has approved [Consulting Firm] to act as the consultant (hereafter, Consultant);

WHEREAS, BACWA and the Regional Water Board agree that by entering into this MOU, the Regional Water Board is in no way delegating any of its authority or responsibility to BACWA for either preparing the SED or reviewing and taking final action on the Project; and

WHEREAS, the parties desire to establish a protocol for how the Regional Water Board, Consultant, and BACWA will interact and, where appropriate, work together to complete the SED.

NOW, THEREFORE, IT IS MUTUALLY AGREED as follows:

#### **1. STATEMENT OF MUTUAL BENEFIT AND INTERESTS**

Both BACWA and the Regional Water Board have an interest in ensuring that the Project satisfies the Regional Water Board's requirements and complies with CEQA. The purpose of

this MOU is to provide a framework and a funding mechanism for preparing the SED and complying with CEQA and the Board's certified regulatory program regulations in a timely manner.

## 2. RESPONSIBILITIES OF BACWA

a. BACWA agrees to enter into a consulting contract with Consultant that is consistent with the terms of this MOU. BACWA shall not employ or contract with Consultant to assist in the preparation of environmental documents for this Project on a contingency fee basis.

b. BACWA shall pay ~~all~~ costs approved in the Work Plan associated with Consultant's preparation of drafts of the SED for the Regional Water Board's independent review and use, with modifications deemed necessary by the Board and authorized by BACWA. Such costs may include collection of background documents, performing studies and analyses, meeting with the Regional Water Board, preparation and distribution of ~~all of~~ the environmental documents as discussed below, costs of reproducing copies for public review and comment, responding to public comments on the draft SED, and preparation for and participation in all Regional Water Board public meetings and hearings regarding the SED. BACWA shall pay Consultant's costs directly to Consultant.

c. BACWA may consult with the Regional Water Board's manager of the Project identified in section 6 below (Manager) to confirm the accuracy, to the extent of the Manager's knowledge, of monthly consultant status reports.

d. BACWA shall not direct or participate in the preparation of the SED except that BACWA may provide data and other technical information requested by the Consultant and/or Regional Water Board to inform the preparation of the SED. Prior to the public release of the draft SED, at the discretion of the Manager, BACWA may review the draft SED and then only for technical accuracy.

e. Except with the consent of the Manager, BACWA shall not communicate with Consultant to discuss the CEQA process, the language in the SED, or the Project, unless the Manager also participates in any such call or meeting.

## 3. RESPONSIBILITIES OF THE REGIONAL WATER BOARD

a. The Regional Water Board has appointed the Manager to oversee the preparation of environmental analyses and documentation of the Project. The Manager shall be the day-to-day representative for administration of this MOU and, except as otherwise specifically provided, shall have full authority to act on behalf of the Regional Water Board with respect to this MOU. Except as otherwise expressly provided, all communications relative to this MOU shall be given to the Manager.

b. The Regional Water Board shall determine the scope and content of the SED for the Project and the time frame for its preparation and will consult with any public agencies having jurisdiction regarding the Project, or which exercises authority over resources that may be affected by the Project, pursuant to Cal. Code of Regs., title 23,

**Commented [MC1]:** Question for Regional Water Board staff: Could you please describe what this clause means? Kevin Lunde shared with us via email on 12/23: "I believe that means BACWA will pay for the work for the full project scope as agreed, as opposed to having someone available on an hourly or task basis. Our attorney is out of the office but I will double check when they are back."

section 3778.

c. The Regional Water Board alone shall provide direction to the Consultant in conducting the environmental analysis of the Project and in preparing the SED for the Project under the statutes and regulations implementing CEQA.

d. The Regional Water Board shall be responsible for and control the final contents of any and all documents that are published as a result of this MOU, specifically including the SED and any responses to comments. In fulfilling this obligation, the Regional Water Board shall have complete and unconditional discretion, consistent with applicable laws and regulations, to modify in any way, to substitute, or to edit any and all of the material prepared by the Consultant.

e. The Regional Water Board shall have sole responsibility for determining the adequacy of any written material submitted by Consultant for public review and comment. Upon submittal of any draft or final document intended for public review, the Regional Water Board shall have complete ownership and control of such document(s).

f. The Regional Water Board shall not be obligated in any manner to pay for the services rendered by Consultant.

#### **4. RESPONSIBILITIES OF CONSULTANT**

a. Consultant, including its employees, agents, subcontractors, or any other representatives for this Project shall, from the time of execution of this MOU until formally released, report to, take direction solely from, and be responsible to the Manager, not BACWA, in all matters pertaining to the preparation of the SED, any and all supporting documentation, and any and all additional environmental studies, analyses and/or documents. Consultant shall be responsible for preparing the required documents to the satisfaction of the Regional Water Board. Consultant shall ensure that the draft and final SED is in compliance with AB 434 and the Web Content Accessibility Guidelines, which currently must meet the WCAG 2.2 Level AA standards. Once finalized, Consultant shall convert the SED to an Americans with Disabilities Act (ADA) compliant portable document format (.pdf) that can be posted on the Regional Water Board's website.

b. Although Consultant will be paid by BACWA, Consultant is obligated to take direction on the preparation of the SED from the Regional Water Board, not BACWA. BACWA may take appropriate measures, however, to determine whether the costs being charged for the work performed by Consultant are reasonable. [BACWA retains final authority to authorize work performed.](#)

c. Consultant shall not employ any person that works on the SED who holds or has held an interest in the Project or any other proposed project of BACWA requiring approval by the Regional Water Board, without the prior consent of the Manager.

#### **5. SCHEDULE AND PERFORMANCE OF WORK**

a. Within 30 calendar days of the execution of this MOU, Consultant shall

**Commented [MC2]:** Regional Water Board legal counsel to weigh in if this was meant to be more comprehensively apply to BACWA member agencies. We discussed verbally on 1/5/26 that this would only apply to BACWA itself, not BACWA JPA Principals or member agencies.

provide BACWA and the Regional Water Board a detailed work plan, subject to the approval of the Executive Officer for the preparation of a draft and final SED and a Mitigation Monitoring or Reporting Program (if necessary), which shall include at least the following items:

- i. A list of the specific tasks required to develop an adequate SED up to Regional Water Board action on the final SED;
- ii. a schedule for the completion of these tasks; and
- iii. an estimate of the costs to complete the tasks, including participation in any Regional Water Board public meeting or hearing on the environmental documents.

b. After approval of the work plan by the Regional Water Board, BACWA shall within 15 days approve or reject the implementation of the work plan tasks.

c. The Regional Water Board reserves the right to change the scope of work from that originally identified in any work plan. Such changes may be necessitated by the need for new or additional information or by the discovery of additional environmental issues during the course of the environmental analysis and public engagement. The Manager shall give BACWA and Consultant timely written notice of the requirement for such change in scope of work and the reasons for the change. Upon such notice, within 15 days Consultant shall provide the Manager and BACWA an estimate of the cost and timetable for completing the additional work. Changes to the Consultant's approved scope of work and fee estimate are subject to BACWA's approval. BACWA shall within 15 days approve or reject such change in scope of work and fee estimate.

d. Consultant shall make best efforts to meet all deadlines specified herein; however, for good cause shown in writing, ~~SWRCB~~ the Manager may, in his/her discretion, extend the time for Consultant to perform any term or condition of this MOU. In the event that such a time extension is granted, the timelines shall be modified accordingly. Changes to the Consultant's approved schedule are subject to BACWA's approval, which approval shall be provided, if at all, within 15 days of written notice from Consultant.

e. In preparing the draft SED and any subsequent analysis under this MOU, the Regional Water Board and Consultant will utilize existing information, including information developed by BACWA or its members or their consultants, to the extent feasible and consistent with CEQA.

## 6. GENERAL TERMS

a. Term and Effective Date: This MOU shall be effective from the date of execution by the parties, the last signature to be that of the Regional Water Board, and shall continue in full force and effect through the completion of environmental document preparation, the hearing process, and the filing of a Notice of Decision with the Secretary of Natural Resources, unless terminated earlier by the parties.

b. Termination: BACWA shall have the option of terminating this MOU by written notice to the other parties. BACWA understands that upon termination of this MOU, and absent a mutually agreeable successor MOU or alternate course of action, the Project will be substantially delayed due to the lack of Regional Water Board staff resources. BACWA shall continue to be liable for Consultant's costs up to the date Consultant receives written notice of BACWA's MOU termination. The Regional Water Board may not terminate the MOU except for cause. Cause shall include any breach of this MOU reasonably deemed by the Regional Water Board to be material. The Regional Water Board shall give at least ten (10) days written notice of its intent to terminate.

c. Progress Reports: Consultant shall provide the Manager and BACWA with written progress reports every month until Regional Water Board considers and acts on the certification of the SED and approval of the Project. Within fourteen days of receipt of each progress report, the Manager may notify the BACWA and Consultant if progress is found to be unsatisfactory, and identify corrective measures that should be implemented by Consultant to achieve satisfactory progress by the time the next progress report is due.

d. Due Diligence: All parties understand the importance of expeditiously completing the environmental documents described herein. Therefore, the parties agree to act with due diligence in the performance of their respective tasks to complete such environmental documents within the mandated time frames.

e. Failure to Comply: Failure of BACWA or Consultant to comply with any or all provisions of this MOU, or to provide complete work products to the satisfaction of the Regional Water Board on a timely basis, may result in the unilateral termination of this MOU by the Regional Water Board. Upon termination of this MOU, the Regional Water Board may provide BACWA the opportunity to hire a new consultant and enter into a second MOU.

f. Notices and Designation of Representatives:

BACWA's Representative shall be:

Lorien Fono  
Executive Director  
Bay Area Clean Water Agencies  
PO Box 24055, MS 702  
Oakland, CA 94623  
[lfono@bacwa.org](mailto:lfono@bacwa.org)  
(510) 684-2993

BACWA's Representative shall have full authority to act on behalf of BACWA for administration of this MOU. All communication given by the Regional Water Board Manager to BACWA's Representative shall be as binding as if given to BACWA.

The Regional Water Board Manager (Manager) shall be:

Kevin Lunde  
Environmental Program Manager  
San Francisco Bay Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612  
[kevin.lunde@waterboards.ca.gov](mailto:kevin.lunde@waterboards.ca.gov)  
(510) 622-2431

The Manager shall represent the Regional Water Board during the administration of this MOU and shall serve as coordinator and director for the environmental analysis of the Project and preparation of the environmental documents.

Consultant's Representative shall be:

NAME  
TITLE  
COMPANY  
ADDRESS  
EMAIL  
PHONE

Consultant's Representative shall be responsible for assisting the Regional Water Board in conducting the environmental analysis of the Project and preparing the environmental documents, and shall serve as the liaison with the Regional Water Board. All communications given by the Manager to Consultant's Representative shall be as binding as if given to Consultant.

Any party may change its designated representative or may change its address by written notice to the other parties.

- g. This MOU may be executed in counterparts.
- h. This Agreement will be governed and construed under the laws of the State of California without regard to conflicts of law provisions.

*[Signature Page Follows]*

The parties hereto have duly executed this Memorandum of Understanding as of [DATE\_\_\_\_\_].

Dated: \_\_\_\_\_ By: \_\_\_\_\_

Eileen White, P.E.  
Executive Officer  
San Francisco Bay Regional Water  
Quality Control Board

Dated: \_\_\_\_\_ By: \_\_\_\_\_

Lorien Fono  
Executive Director  
Bay Area Clean Water Agencies

# Support for CEQA Substitute Environmental Documentation for Basin Plan Amendment

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Bay Area Clean Water Agencies (BACWA)

**date**

Request for Qualifications

## Introduction and Background

### INFORMATION ABOUT THE BASIN PLAN AMENDMENT

[BACWA](#) is working with the San Francisco Regional Water Quality Control Board on a proposed Basin Plan Amendment that would allow POTWs in the Bay Area more than 10 years to complete nutrient reduction projects required by the July 2024 [Nutrients Watershed Permit](#). When adopting the permit, the Regional Water Board adopted a [concurrent resolution](#) regarding policy changes that could provide Bay Area wastewater dischargers more than 10 years to implement nutrient reduction projects. Subsequently, the Regional Water Board determined that the most promising path forward would be a regional, non-TMDL Basin Plan amendment that could provide more time by superseding parts of the statewide [Compliance Schedule Policy](#).

The Regional Water Board has developed an informal draft of the Basin Plan Amendment that they have shared with BACWA. It would apply to a narrow set of qualifying projects such as nature-based solutions, water recycling projects, innovative technologies, and projects that would reduce nutrient loads significantly beyond what the permit requires. The informal draft is provided in Attachment A; BACWA and the Regional Water Board are continuing to negotiate changes, but this version demonstrates the basic components.

The Regional Water Board must complete CEQA Substitute Environmental Documentation (SED) for the Basin Plan Amendment. BACWA will provide financial support for this effort and is seeking a consultant to provide the SED. BACWA and the Regional Water Board plan to agree to a Memorandum of Understanding that will establish their respective roles in managing and funding this project. The Regional Water Board, not BACWA, will be responsible for providing direction and oversight for the Consultant.

### CEQA REQUIREMENTS

For the Basin Plan Amendment, [CCR Tit. 23, § 3777](#) requires a written report that includes identification of significant impacts, identification of mitigation measures to minimize the impacts, and an environmental analysis of the “reasonably foreseeable methods of compliance.” Section 3777 also requires that the State Water Board complete an environmental checklist as part of the substitute environmental documentation ([Link to SED Checklist provided by Regional Water Board](#)).

The State Water Board completed a thematically similar project back in 2008 when they adopted the statewide [Compliance Schedule Policy](#). For this current effort, the Regional Water Board would like to provide more detail on potential environmental impacts. Despite this key difference, there is some overlap in terms of the need to speculate about projects that would be implemented in response to new policy, which is why we are sharing the example. [Link to SED from 2008 Statewide Compliance Schedule Policy](#)

### CONSULTANT RESPONSIBILITIES

The consultant’s responsibilities will be defined further after the selection process is complete. Responsibilities to be defined in the scope of work are expected to include:

- Preparation of draft SED for the Regional Water Board’s review and use, including collection of background documents and performing studies and analysis.
- Incorporation of modifications to the draft SED as recommended by the Regional Water Board
- Support for distribution of the SED for public review and comment

- Responding to public comments on the draft SED
- Preparation for and participation in Regional Water Board public meetings and hearings regarding the SED

BACWA and the Regional Water Board are aiming to have the Basin Plan Amendment finalized well in advance of the next reissuance of the Nutrients Watershed Permit in 2029. The majority of the work by the Consultant is expected to take place in mid-2026. After the draft SED is completed during this initial phase, the work will move into a less active phase while the Regional Water Board issues the draft Basin Plan Amendment and draft SED for public comment. The Consultant will provide continue to provide support throughout the public review process, which is anticipated to extend through 2027.

## **Request for Qualifications**

BACWA is issuing this Request for Qualifications from Consultants interested in providing support to develop the SED, as a first step in a competitive qualification-based selection process. Consultants submitting their Qualifications should have a technical background in CEQA and experience in working with Basin Plans. Familiarity with wastewater planning is also desirable.

## **Organization and Content of the Submittal**

The Qualifications must be submitted in the form of a letter with attached resume(s). The letter will outline the Consultant's understanding of the project and relevant experience, proposed schedule, and consultant rate schedule. Please limit the overall number of pages of the letter, excluding the resume(s), to 4 pages or less. If added pages are needed please contact the BACWA Executive Director, Lorien Fono, with the rationale.

## **Submittal**

Please submit Qualifications via email to Lorien Fono ([lfono@bacwa.org](mailto:lfono@bacwa.org)) by **date**.

## **Consultant Selection**

Following receipt of Qualifications, a Selection Committee made up of BACWA agency staff and BACWA staff will evaluate the submittals. Based on submittals received, the Selection Committee will either recommend that BACWA contract with the firm with the best qualifications, or proceed to conduct interviews with the top candidates.

Following Consultant selection, a Work Plan and contract will be negotiated. The contract will specify billing for services on an hourly basis as required to complete the Work Plan. The contract will begin **date**.

The BACWA standard consulting agreement will be used to develop the contract for this work (see attachment A). Prior to finalization, the agreement will be modified to reflect the terms of the Memorandum of Understanding between BACWA and the Regional Water Board. The Memorandum of Understanding will be signed before the project contract is executed between BACWA and the Consultant.

## Evaluation Criteria

Criteria	Points
Project approach – Setting objectives and developing plan to develop CEQA documentation	10
Expertise of proposed team in CEQA permitting	15
Principal in Charge/Project Manager – Availability and responsiveness	5
Relevant firm experience and understanding of the permittees' opportunities and challenges	10
Proposed Schedule	5
Consultant Rates	5
Total	50

ATTACHMENT A

**Draft Basin Plan Amendment**

ATTACHMENT B  
**Standard Agreement**

MEMORANDUM OF UNDERSTANDING

CONTRACT NO. XXX

The parties to this Memorandum of Understanding (“MOU”) are the Bay Area Air Quality Management District (“AIR DISTRICT”), a California agency, located at 375 Beale St., Suite 600, San Francisco, CA 94105 and the Bay Area Clean Water Association (“BACWA” or “PARTNER”), a joint powers agency in the San Francisco Bay Area.

RECITALS

WHEREAS, the AIR DISTRICT has approved an Engineering Program Manager (EPM) Pilot Program to support the timely, consistent, and transparent processing of permits at voluntary partners' facilities, as part of implementation of *Goal 4: Be Effective, Accountable, and Customer-Oriented* of the AIR DISTRICT's 2024-2029 Strategic Plan.

WHEREAS, the EPM Pilot Program will be fully funded by voluntary contributions from program partners for the duration of the three-year pilot program, starting in June of 2026.

WHEREAS, the AIR DISTRICT has allocated seed funding from its special reserve fund for the startup of the EPM Pilot Program, covering direct costs and staffing in a pre-development period from January 1, 2026, until May 31, 2026.

WHEREAS, BACWA represents San Francisco Bay clean water agencies subject to federal Clean Air Act and California State Health & Safety Code permitting requirements overseen by the AIR DISTRICT through its delegated authority.

WHEREAS, BACWA has agreed to volunteer as a partner to the AIR DISTRICT on the startup of the EPM Pilot Program in the pre-development period, with the intention of coordinating participation among its member agencies and working toward a collective funding agreement for future work starting on or about June 1, 2026.

IT IS NOW THEREFORE AGREED:

1. PURPOSE. This MOU describes a non-exclusive, non-monetary relationship between PARTNER and the AIR DISTRICT covering voluntary and discretionary activities from January 1, 2026, to May 31, 2026.

2. AIR DISTRICT Responsibilities.

The AIR DISTRICT will:

CONTRACT NO.

Page 1 of 7

- a. Assign an Engineering Program Manager to carry out the responsibilities of the AIR DISTRICT, as described in this MOU, working up to 20 hours per week on BACWA matters.
- b. Provide general project management and process navigation services to BACWA members for permit applications.
- c. Support permit processing of up to three (3) BACWA member permit applications, selected by mutual agreement of the AIR DISTRICT and BACWA, for work during the pre-development period.
- d. Hold regular meetings with BACWA and BACWA member agencies to coordinate the fulfillment of this MOU. Meetings may be virtual, in-person, or hybrid. Meeting schedules will be: (January 1 - May 31)
  - i. Monthly meetings between EPM and BACWA staff, scheduled by the EPM.
  - ii. Monthly meetings between EPM, plant staff and consultants for each of the three permit applications selected, scheduled by the EPM.
  - iii. EPM briefings to BACWA as part of quarterly meetings with the AIR DISTRICT, scheduled by BACWA.
- e. Prepare a written report for the AIR DISTRICT and BACWA on air permitting issues and trends for projects at regional wastewater treatment plants, taking into account cross-jurisdictional requirements from other regulatory agencies, to inform development of a three-year EPM workplan for BACWA and its members, as well as informing general permitting and policy activities related to wastewater treatment plants at the AIR DISTRICT.
- f. Track and report staff hours related to this MOU, by day and by activity, providing written documentation to BACWA staff by the fifth day of each month for work done in the preceding month.
- g. Negotiate with BACWA a three-year workplan and voluntary funding agreement, with annual milestones and program offramps, to cover future work to begin on or about June 1, 2026.
  - i. The three-year workplan and funding agreement will include mutually agreed upon performance metrics and reporting requirements that can be used to evaluate periodic progress, achievement of milestones, annual and final program results, and measurable benefits to BACWA members.
  - ii. Neither approval of this MOU nor negotiation of a three-year workplan and future funding agreement compels BACWA, its executive board, or its membership to approve or commit to future actions or contributions related to the EPM Pilot Program.

- h. Organize and facilitate a half-day retreat and plant site visit as part of a joint AIR DISTRICT-BACWA kickoff event, in the late spring or early summer of 2026, to launch the three-year voluntary partnership and funding agreement, assuming one is approved by the BACWA executive board and/or BACWA members.

### 3. PARTNER Responsibilities.

BACWA and BACWA members will:

- a. Approve-Provide three BACWA member permits, listed in Attachment A, to be used as test cases for the EPM Pilot Program during the pre-development period covered by this agreement.
  - i. BACWA permit applicants selected will respond to AIR DISTRICT data requests in a timely manner and will reply to all AIR DISTRICT staff communications (i.e., phone or email messages) within three business days.
  - ii. BACWA acknowledges that persistent and prolonged delays by BACWA members in providing requested information and/or replying to AIR DISTRICT communications may result in a test permit being removed from the EPM pilot program, without fault of the AIR DISTRICT.
  - iii. BACWA acknowledges the AIR DISTRICT makes no commitment to complete processing or take any final action on any selected test permit during the pre-development period.
- b. Communicate to the AIR DISTRICT a minimum set of standards and schedules for reporting EPM Pilot Program performance that will meet BACWA and BACWA member agency accounting and oversight requirements. This information will be used in negotiations over performance metrics, reporting requirements, and milestones in the three-year workplan and voluntary funding agreement.
- c. Coordinate and support the dissemination of AIR DISTRICT information and materials related to the EPM Pilot Program to BACWA and BACWA members.
- d. Collect and provide ongoing (informal) and periodic (structured) feedback on EPM Pilot Program performance to assist program development and adaptive management. Feedback can be conveyed in verbal discussions, written communications, surveys, or polls, or other mediums chosen by the parties.

- e. Enter into good-faith negotiations with the AIR DISTRICT towards the development and approval of a three-year workplan and voluntary funding agreement, for BACWA-funded work anticipated to begin on or about June 1, 2026. This includes efforts by BACWA to manage internal approval processes in time to meet proposed EPM Pilot Program work schedules.
4. **No Warranties; No Guarantee of Regulatory Outcomes.**  
The parties acknowledge that services provided under this MOU are advisory and facilitative in nature and are intended to support understanding of and compliance with applicable regulatory requirements and permitting processes. All services are provided on an “as-is” and “as-available” basis.  
  
AIR DISTRICT makes no representations or warranties, express or implied, regarding the ~~accuracy, completeness, or suitability of any information, guidance, templates, tools, or materials provided, or regarding any particular permitting outcome, approval, timeline, or regulatory determination.~~  
  
Nothing in this MOU shall be construed as a guarantee of permit issuance, regulatory approval, or project viability, nor as a substitution for the independent judgment, authority, or discretion of any regulatory agency.  
  
Each party remains solely responsible for compliance with applicable laws, regulations, permit conditions, and for decisions made in reliance on information provided under this MOU.  
  
Nothing in this MOU is intended to influence regulatory decision-making or confer preferential treatment.
5. **Term.** The term of this MOU shall be from January 1, 2026 to May 31, 2026. The parties may terminate this MOU by mutual consent. In addition, either party may terminate this MOU with written notice to the other party. The notice of termination shall specify the effective date of termination, which shall be no less than thirty (30) calendar days from the date of delivery of the notice of termination and shall be delivered in accordance with the provisions of section 14 below. Immediately upon receipt of the notice of termination, the AIR DISTRICT shall cease all activities under this MOU, except such activities as are specified in the notice of termination.
6. **Indemnification.** [PLACEHOLDER]

7. Dispute Resolution. [PLACEHOLDER]
8. Assignment. [PLACEHOLDER]
9. Waiver. [PLACEHOLDER]
10. Attorneys' Fees. [PLACEHOLDER]
11. Severability. [PLACEHOLDER]
12. Governing Law. [PLACEHOLDER]
13. Modification. [PLACEHOLDER]
14. Notices. All notices or other communications required to be given by either party to the other party shall be deemed given when made in writing and delivered, mailed, or emailed to such other party at its respective address as follows:

To BACWA:

Attention: Lorien Fono  
Bay Area Clean Water Agencies  
PO Box 24055, MS 702  
Oakland, CA 94623  
[lfono@bacwa.org](mailto:lfono@bacwa.org)

To AIR DISTRICT:

Attention: Janet Whittick  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
[jwhittick@baaqmd.gov](mailto:jwhittick@baaqmd.gov)

IN WITNESS WHEREOF, the parties to this MOU have caused this MOU to be duly executed on their behalf by their authorized representatives.

[SIG – BAAQMD]

[SIG – BACWA]

CONTRACT NO.

Page 5 of 7

Approved as to form by:

[SIG – BAAQMD COUNSEL]

DRAFT

CONTRACT NO.

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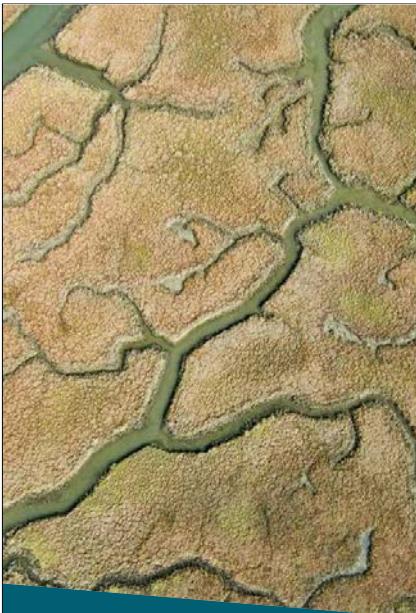
ATTACHMENT A: TEST PERMITS

Plant Owner	Plant ID	Application No.	Project Name
City of Sunnyvale	733	TBD	Cogeneration engine
Santa Rosa Water - Laguna Treatment Plant	1403	31482	Request modifications to conditions
San Francisco SE Treatment Plant	568	31989	Biosolids digester facilities project

DRAFT

CONTRACT NO.

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# BACWA Phase 3 Kickoff Meeting

Brainstorming session



Diana Lin, Managing Senior Scientist

**December 16, 2025**

## Agenda

Goal: Brainstorm PFAS study questions

Agenda:

- Introductions
- SFEI give short update on PFAS Sources to Solutions
- Diana guide group through discussion to brainstorm BACWA Phase 3 study design

# Introductions

- Short response:
  - Name, agency
  - Any related PFAS monitoring your agency is doing/planning?
  - Your agency's interests relating to Phase 3 study

SFEI

## RMP, BACWA, and Partners

\$5.2 Million Project (50/50 grant funds and partner match)

- Identify major sources of PFAS
  - Measure PFAS in priority products
  - Investigate linkages to pathways
  - Compare PFAS loadings from Wastewater and Urban Stormwater Runoff



# BACWA Phase 3 Match Federal Funds

- BACWA providing \$100K to support SFEI lead Phase 3 study
- EPA funds provides federal match funding for analytical budget

**PFAS Sources to Solutions:**  
Identifying and Preventing PFAS Pollution  
in San Francisco Bay

PROPOSAL TO THE EPA WATER QUALITY IMPROVEMENT FUND 2023  
SUBMITTED BY THE SAN FRANCISCO ESTUARY INSTITUTE with  
Regional Monitoring Program for Water Quality in San Francisco Bay (RMP)  
Department of Toxic Substances Control (DTSC)  
Bay Area Clean Water Agencies (BACWA)  
Bay Area Municipal Stormwater Collaborative (BAMSC) Member Programs  
Indiana University Bloomington  
University of Toronto



## PFAS Sources to Solutions

- Identify major sources of PFAS
- Measure PFAS in priority products
  - Identifying priority PFAS product categories
    - Suspected to contain PFAS
    - Data gap in California market
    - Not already subject to PFAS management action
    - Potentially large contribution to mass of PFAS entering SF Bay via urban runoff or POTW effluent
  - Coordination with data gaps most useful for DTSC



### Consumer Products

**SFEI**

# PFAS Sources to Solutions

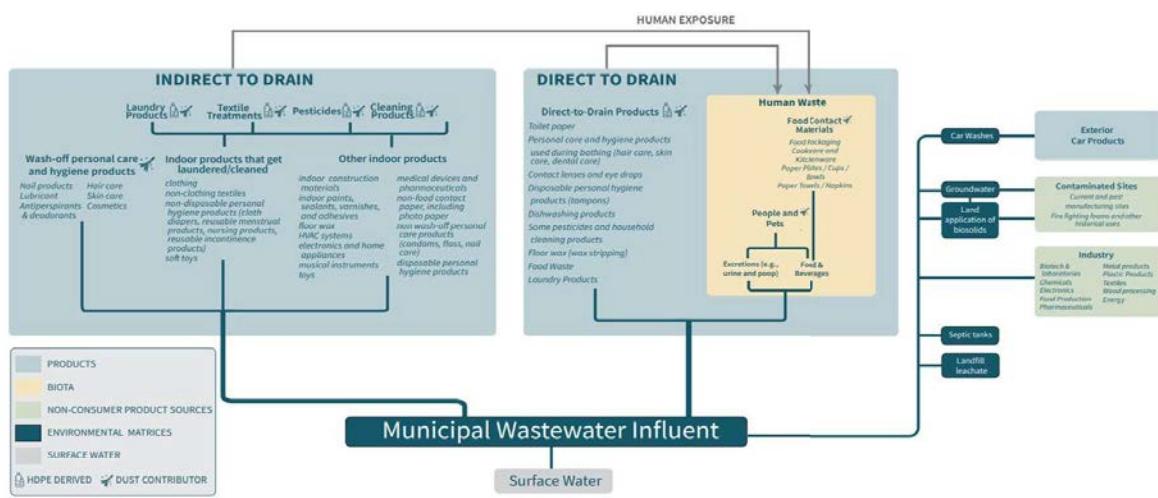
- Product Categories in testing
  - Exterior Automotive Care Products
    - Car waxes
    - Wash and waxes
    - Tire Shine
  - Household Laundry Products
  - Dishwashing Products
- Categories of interest (WWTP related)
  - Other general cleaning products
  - Floor maintenance products
  - Indoor construction products
  - Interior paints and sealants



SFEI

# PFAS Sources to Solutions

- Conceptual model development linking products to pathways



SFEI

# Phase 3 Study Topics

- BACWA Member Responses:
  - (10/12) Industrial sources: landfills, chemical manufacturing, metal finishers
  - (9/12) Monitor Commercial Sources: laundromats, car wash
  - (9/12) Residential Sources
  - (9/12) Track long-term trends
  - (8/12) Expand analytical methods
  - (7/12) Compare wastewater and stormwater
  - (6/12) Legacy sources: groundwater from contaminated sites (e.g. AFFF use)

**SFEI**

# Phase 3 Study Topics

- Compare wastewater effluent and stormwater loadings
  - Feedback: Extrapolate based on average dry season and wet season flows \* dry season concentrations
  - Feedback: Are there anticipated significant seasonal impacts, such as groundwater from contaminated sites
- Expand analytical methods
  - Includes expanded 1633 list, diPAPs, TOP, ultra-shorts, FTOH, total fluorine methods
  - What are PFAS levels? Fingerprints to upstream sources?
  - Feedback: interest in non-target/suspect screening

**SFEI**

# Phase 3 Study Topics

- Track long-term trends - How effective are management actions?
  - Feedback:
    - Priority matrices: Effluent, influent, biosolids matrices
    - Statistical power, frequency
    - Is current baseline sufficient for comparison?

SFEI

# Upstream Sewershed Sources

- Residential
  - Feedback: Types of locations available, questions
  - More representative sampling design
  - Consider accounting for daily variation
  - Are there creative ways to isolate human excretion pathway?

SFEI

# Upstream Sewershed Sources

- Commercial Sources
- Feedback on types of locations and questions:
  - Car wash
  - Industrial laundries
  - Metal finishers
  - Landfill leachate
  - Laundromats
  - Dry cleaners
  - Pharmaceutical and medical products
  - Chemical manufacturing (incl. cleaning products)
  - Others?

SFEI

## Feedback from Phase 2

- Feedback on what worked and didn't work in process and results to help improve Phase 3
  - SGS AXYS has improved lab capacity
  - SFEI improved project management with SGS AXYS
  - Project deadline end of 2027

SFEI

# Feedback from on the fence participants

- Any specific questions or concerns to be resolved?

Is your agency interested in participating in BACWA's Phase 3 PFAS Special Study? Participation = sample collection or planning activities

12 responses



**SFEI**

## Next Steps

2026

- January:
  - SFEI develop first draft of study questions and outline
  - Gather feedback from BACWA
  - Feedback from SWRCB
  - SFEI develop second draft and request/confirm participation
- February - March
  - SFEI develop Sampling and Analysis Plan with participants
  - Confirm sampling locations

**SFEI**

# Proposed Project Timeline

2025

- December: Kickoff Meeting

2026

- January: Define Study Questions
- April: Sampling and Analysis Plan
- May - September: Sample Collection
- October - December: Laboratory Analysis

2027

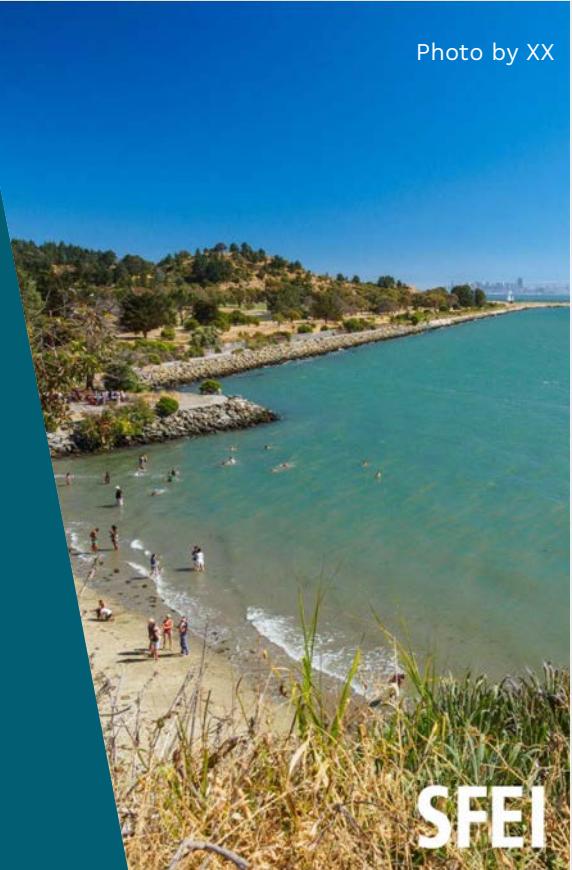
- January - March: QA/QC, Data Analysis
- March - June: Preliminary results presentation and discussion
- April: Preliminary data interpretation with ECWG
- August - October: Draft/Final Report

**SFEI**

Photo by XX

## Questions?

[diana@sfei.org](mailto:diana@sfei.org)





January 5, 2025

To whom it may concern,

The Advanced Quantitative Precipitation Information (AQPI) program provides more accurate rainfall information across the San Francisco Bay Area, leveraging advanced new radars, customized precipitation forecasts, and decision support tools. This project is funded through a California Department of Water Resources grant that will expire in Spring 2026.

The Bay Area Clean Water Agencies (BACWA), a joint powers agency, represents members that own and operate publicly owned treatment works (POTWs) and sewer systems serving over 7 million people across the nine-county San Francisco Bay Area. The Bay Area Clean Water Agencies represents a wide range of AQPI partners, who have chosen CW3E to be the ongoing leader of this effort beyond Spring 2026, and who have recognized the need for additional funding to sustain and enhance the program. BACWA has the administrative capacity to serve as the contracting entity through which these partners can provide support.

BACWA formally requests a proposal from CW3E at UCSD/Scripps regarding ongoing radar operations and program enhancement for AQPI. Please provide a proposal for a 5- to 10-year, inflation-adjusted plan that provides for both ongoing radar operations and key program enhancements as identified by the AQPI partners.

Regards,

A handwritten signature in black ink that reads 'Lorien Fono'.

Lorien Fono  
Executive Director, BACWA



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## *BACWA Spirit & Leadership Award*

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Nominee:

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Nominator:

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Agency: \_\_\_\_\_

Phone: \_\_\_\_\_

*What is it?*

This biennial award of \$2,500 honors the memory of Arleen Navarret and Dave Williams, two former members of the BACWA community who exemplified public service and environmental stewardship. The funds may be used for (travel, professional society membership, training, others?)

Arleen Navarret, a former BACWA Executive Board Chair, spent nearly 30 years with the San Francisco Public Utilities Commission and provided leadership to BACWA and Tri-TAC boards and committees. Her combination of technical and regulatory expertise and interpersonal skills was been invaluable to BACWA. Her development of effective relationships with regulators and community-based non-profits has resulted in the development of more thoughtful and effective water quality regulations.

Dave Williams, a former BACWA Executive Director, previously served as the Director of Wastewater for the EBMUD, and on the Board of Directors of the Central Contra Costa Sanitary District. During his long career, he led the region in garnering support for practical science-based regulation, fostered broad collaboration amongst the membership and regulatory bodies, and centered careful and transparent stewardship of public funds.

This is a biennial award honoring emerging leaders in the wastewater community exhibiting characteristics possessed by former Arleen Navarret and Dave Williams:

- Leadership in the workplace and wastewater community
- Commitment to environmental protection
- Mentorship of and compassion for others
- Dedication to development of wastewater workforce
- Technical expertise and innovative problem-solving
- Effective communications with people from diverse backgrounds
- Civic Integrity with a high commitment to ethics, transparency, and public trust

*Who is eligible?*

Only current employees of BACWA member agencies are eligible to receive this award.

*How to apply*

Applicants may nominate themselves, or be nominated by their colleagues. Applications must include:



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## *BACWA Spirit & Leadership Award*

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1. Completed Nomination Form
2. Individual Narrative (in the following format)
  - a. nominee name at the top of each page
  - b. no more than 2 pages of double-spaced, 12-point font
  - c. concise introductory paragraph describing who the individual is and why they are being nominated
  - d. subsequent paragraphs that address
    - i. specific work or activities of the nominee that meet the one or more of the following criteria for the award: leadership; environmental protection; mentorship; workforce development; tech expertise; effective communication; public service and integrity
    - ii. the specific opportunity to which the award could be applied and how it would benefit the awardee in their professional development related to one or more of the following: leadership; environmental protection; tech skills development
  - e. concluding paragraph describing how this individual has or has the potential to positively impact and contribute to the wastewater community.

*Deadline and Selection*

Applications are due **date** and should be submitted by e-mail as an attachment to [idymen@bacwa.org](mailto:idymen@bacwa.org). The winner will be selected by the Award Committee and the award will be presented to the recipient at the BACWA Annual meeting on May 1, 2026. (**Funds may be used for travel, lodging and meals, but not any alcoholic beverages.**)

## **BACWA Board Meetings**

Through January 2027

February 20, 2026 – EBMUD Orinda

March 20, 2026 – Central San

April 17, 2026 – EBMUD downtown

May 1, 2026, Annual Meeting, David Brower Center, Berkeley

June 5, 2026 – SFPUC

No July 2026 meeting – same as FY26

August 21, 2026 –

September 18, 2026 –

October 8 & 9, 2026 – Pardee Technical Seminar

**Add early November meeting - November 6 or 13, 2026**

**December 11, 2026**

**OR**

**No November meeting – same as FY26 – and an earlier December Meeting.**

**December 4, 2026**

\*\* CASA's 2027 Winter Conference will be held 1/13-1/15/27 in Indian Wells. 1/15/2027 is the 3<sup>rd</sup> Friday so an alternate date will be needed for the January 2027 Executive Board Meeting.

BACWA staff proposes Friday January 22, 2027.



## Executive Director's Report to the Board

### December 2025

## PRACTICE GOOD GOVERNANCE (STRATEGY PLAN GOAL 5)

### EXECUTIVE BOARD MEETING AND SUPPORT

- Worked with BACWA staff to plan and manage 12/12 Executive Board meeting and Holiday Lunch
- Conducted the Executive Board agenda review with the BACWA Chair
- Continued to track all action items to completion

### FINANCE:

- Reviewed the monthly BACWA financial reports
- Reviewed and approved invoices
- Discussed 5-year NMS funding schedule with science lead

### COMMITTEES:

- Attended BABC meeting (12/1)
- Attended Permits/Lab committee holiday meeting (12/2)
- Attended BAPPG (12/3)

### ADMINISTRATION:

- Planned for and conducted the monthly BACWA staff meeting 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 and participated in updating of web page and provided general direction to BACWA staff.
- Developed and responded to numerous emails and phone calls as part of the conduct of BACWA business on a day-to-day basis.
- Began review of BACWA Policies and Procedures with AED
- Met with regional association partners to discuss staffing model

## EXEMPLIFY SERVICE AND RESPONSIVENESS TO MEMBERS AND PUBLIC (STRATEGIC PLAN GOAL 4)

### COMMUNICATIONS

- Met several times with Civic Edge, finalized Wastewater 101 video, and developed a rollout plan
- Worked with RPM in the preparation of the monthly BACWA Bulletin.

**PROJECTS OF SPECIAL BENEFIT:**

**BACC (BAY AREA CHEMICAL CONSORTIUM)**

- Oversaw preparation of bid docs

**BACWWE (BAY AREA COALITION FOR WATER/WASTEWATER EDUCATION)**

- No update

**FOSTER COLLABORATION AND RELATIONSHIP BUILDING WITH REGULATORS AND OTHER STAKEHOLDERS (STRATEGIC PLAN GOAL 2)**

**COLLABORATIONS:**

- Attended monthly CASA RWG Biosolids Committee meetings
- Attended Transforming Shorelines meeting and tour at Palo Alto (12/5)
- Attended planning meeting for Clean Water Summit Partners BACEN webinar (12/15)
- Met with SFEP, SJ, Valley Water to discuss potential joint proposal for SF Bay Program Office funds
- Met with EPA to discuss element of SF Bay Program Office proposal
- Met with DPR to discuss possible grant to support pesticides outreach work

**REGULATORY:**

- Attended CASA Air Toxics meetings
- Participated in CASA Pooled Emissions SC meeting
- Met with Air District on Engineering Program Manager Pilot (12/3)
- Participated in SFEI kickoff meeting for PFAS Phase 3 study (12/16)

**ASC (AQUATIC SCIENCE CENTER)**

- Reviewed materials sent via email by ASC ED
- Met with ASC/SFEI Executive Committee

**ADVOCATE FOR REGULATION BASED ON SCIENCE (STRATEGIC PLAN GOAL 1)**

**NUTRIENTS:**

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

- Participated in Colorado NWRI Nutrient Panel meetings and provided document review
- Attended monthly NMS PSC meetings
- Met with NMS Science Manager and R2 Staff on programmatic issues
- Hosted online meeting with members to review Compliance Milestone RFI
- Discussed CEQA support MOU with R2 and edited draft
- Met with environmental consultants to discuss CEQA permitting
- Discussed Basin Plan Amendment with State Water Board member
- Developed draft RFQ for CEQA analysis of Basin Plan Amendment
- Participated in CASA OAH Subcommittee meetings

- Participated in SCCWRP Management Scenario Steering Committee meetings (12/18)

**RMP:**

- Reviewed RMP materials

**CALIFORNIA WATER MONITORING COUNCIL**

- Gave feedback on potential Council topics for 2026

**PURSUE REGIONAL, MULTI-BENEFIT SOLUTIONS TO ENVIRONMENTAL CHALLENGES (STRATEGIC PLAN GOAL 3)**

**MULTIBENEFIT PROGRAM ADVOCACY**

- Discussed NBS design guidelines with SFEP staff
- Followed up with AQPI representatives on next steps of joining BACWA as a project of special benefit

**REGIONAL SOLUTIONS**

- Reviewed TFT Trading Feasibility Analysis



## Board Calendar

February thru April 2026

### DATE

### AGENDA ITEMS

*February 20, 2026*  
*EBMUD Orinda*

#### **Approvals & Authorizations:**

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#### **Policy / Strategic Discussion:**

- BAWCA Committee Update
- Review BACWA Policies & Procedures

#### **Operational:**

- FY27 Draft Budget first review
- Board Meetings FY27

#### **Approvals & Authorizations:**

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#### **Policy / Strategic Discussion:**

- Watershed permit submittals to water board
- Compliance Milestone Reporting Draft

#### **Operational:**

- FY27 Second Draft Budget
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#### **Approvals & Authorizations:**

- FY27 Budget

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#### **Policy / Strategic Discussion:**

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#### **Operational:**

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*March 20, 2026*  
*Central San*



## BACWA ACTION ITEMS

Action Items Remaining from Previous BACWA Executive Board Meetings						
2026.08.02	PFAS limits in R2 groundwater discharge permit	BACWA RPM is going to prepare draft talking points and share them with BACWA community.	RPM	WIP	delayed until permit issuance	
2026.08.06	AI Infoshare	BACWA ED would like a list of BACWA agencies working on AI and will start to work on infoshare event.	ED	WIP		
2026.09.14	EPA Region IX SF Bay Program Office funding update	BACWA ED to put out a call for participants in a nutrient management proposal once EPA releases NOFO.	ED		pending	

FY26	14 of 19 Action items are complete
FY25:	49 of 49 Action items are complete
FY24:	43 of 43 Action Items are complete
FY23:	58 of 58 Action Items are complete
FY22:	51 of 52 Action items are completed
FY21:	<u>51 of 51</u> Action items completed
FY20:	<u>70 of 70</u> Action Items completed
FY19:	<u>110 of 110</u> action Items completed
FY18:	<u>66 of 66</u> Action Items completed
FY17:	<u>90 of 90</u> Action Items completed



**BACWA BULLETIN:** Completed and circulated December Bulletin.

**CECs:** Participated in planning activities for Phase 3 PFAS study, including December 16<sup>th</sup> kickoff meeting.

**NUTRIENTS:** Reviewed draft RFQ for consultants to provide Basin Plan Amendment CEQA support; coordinated with HDR regarding the Request for Information for this year's Group Annual Report; circulated Request for Information to BACWA members; continued to coordinate with Regional Water Board staff and Permits Committee members regarding calculation of Total Inorganic Nitrogen (TIN) loads.

**COMMITTEE SUPPORT:**

**Asset Management** – Began planning for February committee workshop.

**BAPPG** – Participated in December steering committee meeting, and pesticides committee meetings; participated in December BAPPG meeting and prepared meeting notes; coordinated with California Department of Pesticides Regulation regarding grant funding opportunities.

**Biosolids** – Presented on PFAS regulations at December BABC meeting.

**Collection Systems** – Assisted with planning activities for 2026 meetings; conducted outreach to Bay Area collection systems enrolled in the Sanitary Sewer Systems General Order to encourage compliance with the December 31<sup>st</sup> due date for submittal of service area boundary maps to the State Water Boards online portal.

**Laboratory and Permits** – Participated in December in-person joint meeting of Lab and Permits committees at the City of Petaluma; prepared and circulated meeting notes; began preparing NPDES annual compliance letter; followed Regional Water Board reissuance of NPDES permit with PFAS limits for groundwater dischargers.

**Recycled Water** – Circulated survey regarding program administration and inspections; prepared for January committee meeting.

**Executive Board** – Provided regulatory updates at December Executive Board meeting.

**ADMINISTRATIVE:** Website and email list administration.

**BACWA MEETINGS ATTENDED:**

BABC (12/1)  
Lab and Permits Committee (12/2)  
BAPPG (12/3)  
Executive Board (12/12)  
PFAS Phase 3 Kickoff (12/16)  
BAPPG Pesticides (12/18)

**EXTERNAL EVENTS ATTENDED:**

CASA Regulatory Workgroup (12/4)  
CASA Collection Systems Workgroup (12/17)