



BACWA Annual Report

Fiscal Year 2021/2022

The clean water community must continually rise to new challenges as our understanding of the interconnectedness of regional environmental issues continues to develop. Within this evolving landscape, the Bay Area Clean Water Agencies (BACWA) is fulfilling its mission to provide an effective voice for clean water agencies' stewardship of the San Francisco Bay's ecological, community, and economic resources. The clean water community's focus has shifted rapidly from industrial pollutant reduction to renewable resource generation, climate change mitigation and adaptation, and understanding the potential impacts of emerging contaminants on the aquatic ecosystem. Concurrently, tightening, and sometimes conflicting, air quality and biosolids management regulations are increasing cross-media challenges. BACWA provides technical expertise and a venue for collaboration to its membership, and a public utility perspective to negotiations and partnerships with regulators.

With over forty Publicly Owned Treatment Works (POTWs) and more than a hundred collection systems in the San Francisco Bay (SF Bay) region, BACWA provides a needed forum for effective coordination to ensure science-based regulations and continued water quality improvements throughout the Bay Area. Member dues and fees support BACWA's goal of ensuring that water, biosolids, and air quality regulations are well-supported by science. Even as the issues change, BACWA continues to offer the services to our members and the public that have garnered the organization much respect and success.

[2022 Strategic Plan Update](#)

The BACWA Strategic Plan was substantially updated in 2020, representing the first major change since 2009. Minor changes were approved by the BACWA Executive Board in January 2022. The [2022 Strategic Plan](#) reflects both the current drivers impacting BACWA's members, such as nutrients and climate change, as well as our values which remain constant even as the issues evolve. The progress made by BACWA in Fiscal year 2021/2022 towards meeting the objectives in our Strategic Plan is described in Attachment A.

[Links to Key BACWA Products](#)

BACWA provides a variety of resources to its members for regulatory compliance, education, and information sharing. Links to key work products associated with these efforts are provided below:

Regulatory Compliance

- [Annual NPDES Compliance Letter](#) – submitted to the Regional Water Board, on behalf of our members demonstrating compliance with special studies required by NPDES



permits. We also report participation in the Alternate Monitoring Plan, and contributions to the Regional Monitoring Program to the Regional Water Board. For most dischargers, the Alternate Monitoring Plan was replaced as of January 1, 2022 by a substitute set of monitoring reductions reflected in [Order R2-2021-0028](#).

- [Nutrient Group Annual Report](#) - submitted to the Regional Water Board in compliance with the Nutrient Watershed Permit.
- [Nutrient Special Studies Status Update](#) - submitted to the Regional Water Board in compliance with the Nutrient Watershed Permit.
- [Land Application of Biosolids Annual Report](#) – submitted to the Solano County Board of Supervisors.
- [BAPPG Annual Report](#) – Developed to assist member agencies in Pollution Prevention annual reporting.
- [PFAS Regional Study, Phase 2 Sampling and Analysis Plan](#) – To address monitoring needs of the State Water Board, BACWA contracted with SFEI to begin this regional study of PFAS in Fiscal Year 2020/21. Phase 1 of the study was completed in 2021, and Phase 2 of the study is ongoing.

Information sharing

- [BACWA Bulletin](#) – Distributed Monthly to keep members and the community up to date on BACWA’s and our partners’ activities.
- [Regulatory Issues Summary matrix](#) – Updated three times per year to give members an accessible overview of important issues impacting the clean water community.
- [BACWA website](#) - Maintained for information sharing with members.
- [Baywise website](#) – Maintained for public-facing pollution prevention messaging.
- [2021 Biosolids Trends Survey Report](#) – Updated every two to three years to help agencies understand their biosolids handling programs within a regional context.
- [Annual Meeting](#) – The Annual Meeting was held in-person in May 2022, and included updates from regulators, Nutrient Management Strategy scientists and consultants, representatives from San Francisco Estuary Institute assisting with the PFAS Regional Study, and more. Meeting materials and recordings were shared with members afterwards.

Regulatory Advocacy

BACWA works with its member agencies to develop positions on proposed regulations and advocates on behalf of the regional POTW community. In Fiscal Year 2021/22, BACWA submitted 17 [comment letters](#) to EPA, US General Services Administration, Regional Water Board, State Water Board, Bay Area Air Quality Management District (BAAQMD), and the Alameda County Board of Supervisors, on the following topics:

- **Nutrient Management.** BACWA continues to engage with the Regional Water Board to negotiate the key tenets of the 3rd Nutrient Watershed Permit.



- **Basin Planning.** BACWA provided comments during the Regional Water Board’s Triennial Review process, which prioritizes changes to the Basin Plan. BACWA subsequently reviewed the Climate Change Basin Plan Amendment, which was ultimately adopted by the Regional Water Board in July 2022.
- **Pesticides.** BAPPG maintains a consultant team dedicated to engagement with EPA and the State of California through the pesticide registration review process, including review of documents such as ecological risk assessments and risk management decisions.
- **Air Emissions.** BACWA continues to advocate for BAAQMD and the California Air Resources Board to consider the duty of essential public services when establishing air emissions requirements. BACWA and BAAQMD staff have formed a Workgroup that meets quarterly to discuss how public agencies can participate in the development, and comply with, emerging air toxicis regulations.
- **Sanitary Sewer Systems General Order.** The State Water Board is planning to reissue the Sanitary Sewer Systems Waste Discharge Requirements General Order (SSS-WDR). BACWA worked with CASA and other clean water partner agencies to provide comments on two drafts of the SSS-WDR.
- **Biosolids Beneficial Reuse.** BACWA provided comments on a proposed compost facility in Alameda County.

In addition to these comment letters, BACWA endorsed the [Bay Adapt Joint Platform](#), a stakeholder-developed strategy for regional resiliency to rising sea levels.

BACWA Staffing

In FY2021/2022, BACWA retained contract staff to provide Executive Director, Assistance Executive Director, and Regulatory Program Management services.

BACWA Committees and Executive Board

Support for BACWA’s committees is a key means for BACWA to ensure communication between our members and to formulate positions on emerging issues that accurately reflect the needs of our membership. Members receive educational contact credits for attending committee meetings in which there is an educational component. BACWA maintains the following active committees:

- Air Issues and Regulations (AIR)
- Asset Management
- Bay Area Pollution Prevention Group – see [BAPPG 2021 Annual Report](#)
- Collection Systems
- Laboratory
- Operations/Maintenance Infoshare
- Permits
- Pretreatment



- Recycled Water

The BACWA Executive Board meets on a monthly basis to discuss policy, strategy, and operational issues impacting the organization. Executive Board meetings are held in compliance with the California Brown Act (Government Code sections 54950-54963).

External Representation and Collaboration

BACWA provides representation at external groups such as:

- Regional Monitoring Program (RMP) Technical Review Committee
- RMP Steering Committee
- Clean Water Summit Partners
- Aquatic Science Center (ASC)/SFEI Governing Board
- San Francisco Bay Nutrient Governance Steering Committee
- San Francisco Bay Nutrient Planning Subcommittee
- Bay Area Integrated Regional Water Management Plan (BAIRWMP)
- National Association of Clean Water Agencies (NACWA) Emerging Contaminants
- California Association of Sanitation Agencies (CASA) State Legislative Committee
- CASA Regulatory Workgroup
- Bay Area One Water Network
- RMP Microplastics Workgroup
- Bay Area Regional Reliability Task Force
- San Francisco Estuary Partnership
- California Product Stewardship Council
- Valley Water Countywide Reuse Master Plan
- Ocean Protection Council
- Bay Area Climate Adaptation Network
- Coastal Hazards Adaptation Resiliency Group (CHARG)
- Bay Area Climate Adaptation Network
- California Water Quality Monitoring Council



FY2021/2022 Financial Report

<u>BACWA FY22 BUDGET</u>	<u>Line Item Description</u>	<u>FY 2022 Budget</u>	<u>Actuals June 2022</u>	<u>Actual % of Budget June 2022</u>	<u>Variance</u>
<u>REVENUES & FUNDING</u>					
Dues	Principals' Contributions	\$516,909	\$516,910	100%	\$1
	Associate & Affiliate Contributions	\$187,793	\$183,175	98%	-\$4,618
Fees	Clean Bay Collaborative	\$675,000	\$675,00	100%	\$0
	Nutrient Surcharge	\$1,700,000	\$1,699,999	100%	-\$1
	Member Voluntary Nutrient Contributions	\$0	\$0	0%	\$0
Other Receipts	AIR Non-Member	\$7,075	\$7,074	100%	-\$1
	BAPPG Non-Members	\$3,954	\$3,954	100%	\$0
	Other	\$0	\$3,601		\$3,601
Fund Transfer	Special Program Admin Fees (WOT)	\$5,202	\$2,601	50%	-\$2,601
	Special Program Admin Fees (BACC)	\$27,00	\$27,000	100%	\$0
	Special Program Admin Fees (WOT)	\$6,000	\$4,843	81%	-\$1,157
Interest Income	LAIF	\$20,000	\$6,312	32%	-\$13,688
	Higher Yield Investments	\$18,000	\$0	0%	-\$18,000
	Total Revenue	\$3,149,133	\$3,130,668	99.41%	-\$18,465
<u>BACWA FY21 BUDGET</u>	<u>Line Item Description</u>	<u>FY 2021 Budget</u>	<u>Actuals June 2021</u>	<u>Actual % of Budget June 2021</u>	<u>Variance</u>
<u>EXPENSES</u>					
Labor					
	Executive Director	\$190,000	\$189,999	100%	\$0
	Assistant Executive Director	\$108,800	\$81,600	75%	-\$27,200

<u><i>BACWA FY22 BUDGET</i></u>	<u><i>Line Item Description</i></u>	<u><i>FY 2022 Budget</i></u>	<u><i>Actuals June 2022</i></u>	<u><i>Actual % of Budget June 2022</i></u>	<u><i>Variance</i></u>
	Regulatory Program Manager	\$127,400	\$109,008	86%	-\$18,392
	Total	\$426,200	\$380,607	89%	-\$45,593
Administration					
	EBMUD Financial Services	\$42,448	\$32,534	77%	-\$9,914
	Auditing Services	\$5,345	\$5,345	100%	-\$0
	Administrative Expenses	\$7,959	\$134	2%	-\$7,825
	Insurance	\$5,071	\$7,072	139%	\$2,001
	Total	\$60,823	\$45,084	74%	-\$15,739
Meetings					
	EB Meetings	\$2,653	\$335	13%	-\$2,319
	Annual Meeting	\$14,369	\$10,918	76%	-\$3,451
	Pardee	\$6,537	\$648	10%	-\$5,889
	Misc. Meetings	\$5,306	\$1,386	26%	-\$3,920
	Total	\$28,865	\$13,286	46%	-\$15,579
Communication					
	Website Hosting	\$700	\$220	31%	-\$480
	File Storage	\$765	\$720	94%	-\$45
	Website Development/Maintenance	\$1,530	\$770	50%	-\$760
	IT Support	\$2,652	\$0	0%	-\$2,652
	Other Communication	\$1,785	\$928	52%	-\$857
	Total	\$7,344	\$2,638	35%	-\$4,794
Legal					
	Regulatory Support	\$2,815	\$0	0%	-\$2,815
	Executive Board Support	\$2,264	\$120	5%	-\$2,144
	Total	\$5,079	\$120	2%	-\$4,959

<u><i>BACWA FY22 BUDGET</i></u>	<u><i>Line Item Description</i></u>	<u><i>FY 2022 Budget</i></u>	<u><i>Actuals June 2022</i></u>	<u><i>Actual % of Budget June 2022</i></u>	<u><i>Variance</i></u>
Committees					
	AIR	\$76,000	\$76,000	100%	\$0
	BAPPG	\$130,000	\$125,763	97%	-\$4,237
	Biosolids Committee	\$1,000	\$0	0%	-\$1,000
	Collections System	\$1,000	\$0	0%	-\$1,000
	InfoShare Groups	\$1,750	\$0	0%	-\$1,750
	Laboratory Committee	\$1000	\$1000	100%	\$0
	Permits Committee	\$1,300	\$20	2%	-\$1,280
	Pretreatment	\$1,000	\$0	0%	-\$1,000
	Recycled Water Committee	\$1,000	\$0	0%	-\$1000
	Misc Committee Support	\$45,000	\$13,952	31%	-\$31,048
	Manager's Roundtable	\$1,000	\$0	0%	-\$1,000
	Total	\$259,050	\$216,735	84%	-\$42,315
Collaboratives					
	State of the Estuary (SFEP-biennial)	\$0	\$0	0%	\$0
	Arleen Navarret Award	\$2,500	\$0	0%	-\$2,500
	BayCAN	\$5,000	\$1,500	30%	-\$3,500
	Stanford ERC (ReNUWIt)	\$10,000	\$0	0%	-\$10,000
	Misc	\$1,500	\$9,000	600%	\$7,500
	Total	\$19,000	\$10,500	55%	-\$8,500
Other					
	Unbudgeted Items				
	Other	\$0	\$0		\$0
	Total	\$0	\$0		\$0
Technical Support					
	Nutrients				
	Watershed	\$2,600,000	\$2,200,000	85%	-\$400,000
	NMS Voluntary Contributions	\$0	\$0	0%	\$0



<u><i>BACWA FY22 BUDGET</i></u>	<u><i>Line Item Description</i></u>	<u><i>FY 2022 Budget</i></u>	<u><i>Actuals June 2022</i></u>	<u><i>Actual % of Budget June 2022</i></u>	<u><i>Variance</i></u>
	Additional work under permit	\$100,000	\$26,602	27%	-\$73,398
	Regional Study on Nature based systems	\$248,811	\$41,091	17%	-\$207,720
	Regional Recycling Evaluation	\$63,525	\$43,198	68%	-\$20,327
	Nutrient Workshop(s)	\$0	\$0	0%	\$0
	NMS Reviewer	\$50,000	\$12,750	26%	-\$37,250
	General Tech Support	\$100,000	\$0	0%	-\$100,000
	CEC Investigation	\$140,000	\$101,014	72%	-\$38,986
	Risk Reduction	\$7,500	\$12,500	167%	\$5000
	Total	\$3,309,836	\$2,437,154	74%	-\$872,682
	TOTAL EXPENSES	\$4,116,285	\$3,106,126	75.46%	\$1,010,159
	NET INCOME BEFORE TRANSFERS	-\$967,152	\$24,542		
	TRANSFERS FROM RESERVES	\$967,152	-\$24,542		
	NET INCOME AFTER TRANSFERS	\$0	\$0		

List of BACWA Members as of June 30, 2022

Principals

- East Bay Municipal Utility District
- East Bay Dischargers Authority
 - Castro Valley Sanitary District
 - City of Hayward
 - City of San Leandro
 - Oro Loma Sanitary District
 - Union Sanitary District
- San Francisco Public Utilities Commission
- Central Contra Costa Sanitary District
- City of San Jose

Associates



Central Marin Sanitation Agency
City of Palo Alto
City of San Mateo
City of Sunnyvale
Delta Diablo
Dublin-San Ramon Services District
Fairfield-Suisun Sewer District
Napa Sanitation District
Silicon Valley Clean Water
South San Francisco – San Bruno Water Quality Control Plant
Vallejo Flood & Wastewater District
West County Agency
- City of Richmond
- West County Wastewater District

Affiliates

City of Alameda
City of American Canyon
City of Albany
City of Antioch
City of Belmont
City of Benicia
City of Berkeley
City of Brisbane
City of Burlingame
City of Calistoga
City of Fairfield
City of Livermore
City of Millbrae
City of Milpitas
City of Mountain View
City of Oakland
City of Pacifica
City of Petaluma
City of Piedmont
City of Pleasanton
City of Redwood City
City of Richmond
City of San Bruno
City of San Carlos

City of St. Helena
Town of Yountville

Crockett Community Services District
Cupertino Sanitary District
Las Gallinas Valley Sanitary District
Mt. View Sanitary District
North San Mateo Sanitation District
Novato Sanitary District
Pinole/Hercules Wastewater Treatment Plant
Rodeo Sanitary District
Ross Valley Sanitary District
San Francisco International Airport
San Mateo County, Dept. of Public Works
Sanitary District of Marin County No. 2
Sanitary District of Marin County No. 5
Sausalito-Marín City Sanitary District
Sewer Authority Mid-Coastside
Sewerage Agency of Southern Marin
Sonoma County Water Agency
Stege Sanitary District
Tamalpais Community Services District
Treasure Island
West Bay Sanitary District
West Valley Sanitation District



ATTACHMENT A

BACWA JANUARY 2022 STRATEGIC PLAN 2022 EVALUATION