



BACWA Annual Report

Fiscal Year 2020/2021

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.

2020 Strategic Plan Update

In September 2020, BACWA began updating its Strategic Plan for the first time since 2009. The updated Strategic Plan, with new mission, vision, values, goals, strategies, and objectives, was approved by the BACWA Executive Board in December 2020. The 2020 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 2020/2021 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.
- [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](#) – 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. 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.
- [2018 Biosolids Trends Survey Report](#) – Produced to help agencies understand their biosolids handling programs within a regional context.
- [PFAS Phase 1 Fact Sheet](#) – Provided to assist participating agencies in communicating their PFAS Phase 1 data to governing boards and the public.
- [Annual Meeting](#) – The Annual Meeting was held virtually in 2021, 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 2020/21, BACWA submitted 29 [comment letters](#) to EPA, Regional Water Board, State Water Board, Bay Area Air Quality Management District (BAAQMD), and the California Department of Pesticide Registration (DPR) on the following topics:

- **Chlorine.** BACWA reviewed the Basin Plan Amendment and blanket NPDES permit amendment for chlorine and oil & grease as these documents moved through the Regional Water Board and State Water Board approval process.
- **Pesticides.** BAPPG maintains a consultant team dedicated to EPA and DPR engagement 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 to consider the duty of essential public services when establishing air emissions requirements.
- **Wipes.** BAPPG supported the passage of legislation requiring labeling for wet wipes packaging.

BACWA Staffing

In FY2020/2021, 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)
- Bay Area Pollution Prevention Group – see [BAPPG 2020 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
- San Francisco Bay Nutrient Technical Workgroup
- State Water Resources Control Board (SWRCB) Nutrient Stakeholder advisory group
- SWRCB Mercury Amendments to the State Plan stakeholder group
- 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
- ReNUWIt/One Water Network
- RMP Microplastics Workgroup
- Bay Area Regional Reliability Task Force
- Association of Water Technologies (AWT) Certification Committee
- San Francisco Estuary Partnership
- California Product Stewardship Coalition
- Valley Water Countywide Reuse Master Plan
- Ocean Protection Council
- Bay Area Climate Adaptation Network
- Coastal Hazards Adaptation Resiliency Group



FY2020/2021 Financial Report

<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>REVENUES & FUNDING</u>					
Dues	Principals' Contributions	\$516,909	\$516,910	100%	\$1
	Associate & Affiliate Contributions	\$187,793	\$191,672	102%	\$3,879
Fees	Clean Bay Collaborative	\$675,000	\$675,750	100%	\$750
	Nutrient Surcharge	\$1,700,000	\$1,699,970	100%	-\$30
	Member Voluntary Nutrient Contributions	\$0	\$0		\$0
Other Receipts	AIR Non-Member	\$7,075	\$7,075	100%	\$0
	BAPPG Non-Members	\$3,954	\$3,953	100%	-\$1
	Other	\$0	\$93,038		\$93,038
Fund Transfer	Special Program Admin Fees (WOT)	\$5,202	\$1,000	19%	-\$4,202
	Special Program Admin Fees (BACC)	\$20,010	\$29,680	148%	\$9,670
	Special Program Admin Fees (WOT)	\$6,000	\$4,701	78%	-\$1,200
Interest Income	LAIF	\$20,000	\$19,152	96%	-\$875
	Higher Yield Investments	\$18,000	\$0	0%	-\$18,000
	Total Revenue	\$3,159,943	\$3,242,874	102.62%	\$82,931
<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	190,000	100%	\$0
	Assistant Executive Director	\$102,551	\$102,496	100%	-\$55
	Regulatory Program Manager	\$141,170	\$139,597	99%	-\$1,573



	Total	\$433,721	\$432,093	100%	-\$1,628
Administration					
	EBMUD Financial Services	\$42,448	\$41,056	97%	-\$1,392
	Auditing Services	\$5,345	\$5,240	98%	-\$105
	Administrative Expenses	\$7,959	\$194	2%	-\$7,765
	Insurance	\$4,776	\$4,971	104%	\$195
	Total	\$60,528	\$51,461	85%	-\$9,067
Meetings					
	EB Meetings	\$2,653	\$257	10%	-\$2,396
	Annual Meeting	\$14,369	\$2,519	18%	-\$11,850
	Pardee	\$6,367	\$0	0%	-\$6,367
	Misc. Meetings	\$5,306	\$571	11%	-\$4,735
	Total	\$28,695	\$3,347	12%	-\$25,348
Communication					
	Website Hosting	\$612	\$57	9%	-\$555
	File Storage	\$765	\$720	94%	-\$45
	Website Development/Maintenance	\$1,530	\$415	27%	-\$1,115
	IT Support	\$2,652	\$0	0%	-\$2,652
	Other Communication	\$1,785	\$1,949	109%	\$164
	Total	\$7,344	\$3,141	43%	-\$4,203
Legal					
	Regulatory Support	\$2,703	\$0	0%	-\$2,706
	Executive Board Support	\$2,176	\$1,166	54%	-\$1,010
	Total	\$4,882	\$1,166	24%	-\$3,716
Committees					
	AIR	\$76,000	\$74,982	99%	-\$1,018
	BAPPG	\$130,000	\$133,264	103%	\$3,264
	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	\$0	0%	-\$1,000
	Permits Committee	\$1,300	\$0	0%	-\$1,300
	Pretreatment	\$1,000	\$0	0%	-\$1,000
	Recycled Water Committee	\$1,000	\$160	16%	-\$840
	Misc Committee Support	\$45,000	\$0	0%	-\$45,000
	Manager's Roundtable	\$1,000	\$0	0%	-\$1,000
	Total	\$260,050	\$208,406	80%	-\$51,644
Collaboratives					
	State of the Estuary (SFEP-biennial)	\$20,000	\$0	0%	-\$20,000
	Arleen Navarret Award	\$0	\$0	0%	\$0
	FWQC (Fred Andes)	\$7,500	\$0	0%	-\$7,500
	Stanford ERC (ReNUWIIt)	\$10,000	\$0	0%	-\$10,000
	Misc	\$5,000	\$1,500	30%	-\$3,500
	Total	\$42,500	\$1,500	4%	-\$41,000
Other					
Unbudgeted Items					
	Other	\$0	\$26,559		\$26,559
	Total	\$0	\$26,559		\$26,559
Technical Support					
	Nutrients				
	Watershed	\$2,800,000	\$2,600,000	93%	-\$200,000
	NMS Voluntary Contributions	\$0	\$30,000	0%	\$30,000
	Additional work under permit	\$100,000	\$63,960	64%	-\$36,040
	Regional Study on Nature based systems	\$200,000	\$136,696	68%	-\$63,304
	Regional Recycling Evaluation	\$60,000	\$74,644	124%	\$14,644
	Nutrient Workshop(s)	\$0	\$0	0%	\$0
	General Tech Support	\$250,000	\$72,437	29%	-\$177,563



	CEC Investigation	\$50,000	\$13,080	26%	-\$36,920
	Risk Reduction	\$7,500	\$0	0%	-\$7,500
	Total	\$3,467,500	\$2,990,817	86%	-\$476,683
	TOTAL EXPENSES	\$4,305,220	\$3,718,490	86.37%	-\$586,730
	NET INCOME BEFORE TRANSFERS	-\$1,145,277	-\$475,616		
	TRANSFERS FROM RESERVES	\$1,145,277	\$475,616		
	NET INCOME AFTER TRANSFERS	\$0	\$0		

List of BACWA Members as of June 30, 2020

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 Sunnyvale
- Delta Diablo
- Dublin-San Ramon Services District
- Fairfield-Suisun Sewer District
- Napa Sanitation District
- Silicon Valley Clean Water
- San Mateo Wastewater Treatment Plant
- South San Francisco
- Vallejo Flood & Wastewater District
- West County Agency



- City of Richmond
- West County Wastewater District

Affiliates

City of Alameda
City 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 Crockett
City of Fairfield
City of Livermore
City of Millbrae
City of Milpitas
City of Mountain View
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

Cupertino Sanitary District
Las Gallinas Valley Sanitary District
Mt. View Sanitary District
North San Mateo Sanitation District
Novato Sanitary District
City of Pacifica
Pinole/ Hercules Wastewater Treatment Plant
Rodeo Sanitary District
San Francisco International Airport
San Mateo County, Dept. of Public Works
Sanitary District of Marin County No. 1
Sanitary District of Marin County No. 2
Sanitary District of Marin County No. 5
Sausalito/Marin 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
Yountville



ATTACHMENT A

BACWA 2020 STRATEGIC PLAN 2021 EVALUATION