

YEAR IN REVIEW

2021-2022



B A C W A
B A Y A R E A
C L E A N W A T E R
A G E N C I E S

Annual Meeting

May 6, 2022



2021 Strategic Plan Update

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

New objective for 2021:
Support justice/equity/diversity/inclusion in both wastewater workforce development and community engagement efforts.

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

Regulatory Engagement



KEY REGULATORY ISSUE SUMMARY Updated May 3, 2022

Action items for member agencies are in bold

Contents

Nutrients in San Francisco Bay
SF Bay Nutrient Watershed Permit
Chlorine Residual Compliance
Pesticides
Enterococcus Limits
Mercury and PCBs
State Water Board Toxicity Provisions
Compounds of Emerging Concern (CECs)
Microplastics

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New updates in this version are shown in Purple highlighting

Background Highlights	Challenges and Recent Updates	Next Steps for BACWA	Links/Resources
NUTRIENTS IN SAN FRANCISCO BAY			
<ul style="list-style-type: none"> San Francisco Bay receives some of the highest nitrogen loads among estuaries worldwide, yet has not historically experienced the water quality problems typical of other nutrient-enriched estuaries. It is not known whether this level of nitrogen loading, which will continue to increase in proportion to human population increase, is sustainable over the long term. Because of the complexity of the science behind nutrient impacts in SF Bay, stakeholders in the region are participating in a steering committee to prioritize scientific studies and ensure that all science to be used for policy decisions is conducted under one umbrella. 	<ul style="list-style-type: none"> For FY22, BACWA is contributing \$2.2M to fund scientific research needed to make management decisions for the 3rd Watershed Permit. This level of funding is required by the 2nd Watershed Permit. The focus of current scientific efforts is improving model representation of biogeochemistry, light attenuation, dissolved oxygen, and Harmful Algal Bloom dynamics. Field and lab observations are supporting these improvements. The science team is developing an Assessment Framework for Open Bay habitats and Lower South Bay sloughs. 	<ul style="list-style-type: none"> Continue to assist with preparation of a brief "State of the Science" document summarizing the scientific accomplishments of the Nutrient Management Strategy team for public use. Continue to participate in steering committee, Nutrient Management Strategy, Nutrient Technical Workgroup, and planning subcommittee meetings, and provide funding for scientific studies. Continue to engage with Nutrient Technical Team and BACWA's Nutrient Management Strategy technical consultant, Mike Connor, to provide review of recent work products and charge questions for the science team. 	<p>BACWA Nutrients Page: https://bacwa.org/nutrients/</p> <p>Nutrient Management Strategy FY22 Program Plan https://drive.google.com/file/d/1zUJLJdefBoFmzD0LZDMB4aH_O30wvebA/view</p> <p>Nutrient Management Strategy Reports and Work Products https://sfbaynutrients.sfei.org/books/reports-and-work-products</p>

- Air Regulations
- PFAS
- Nutrients
- SSS WDR
- Climate Change adaptation
- Toxicity Provisions
- Chlorine residual permit amendment
- Alternate Monitoring Requirements
- Comment Letters



Collaboration

- Representation at state and national associations
- Representation on key regional efforts and issues
- Bay Area scientific investigations
- Mercury and PCB risk reduction
- Bruce Wolfe memorial scholarship
- Wastewater based epidemiology

Membership Services



- Committee activities and email lists
- BACWA Bulletin
- NPDES compliance reporting
- Opportunities for discussion of key Issues
- Managers Roundtable
- Support for member fundraising
- ELAP training
- Wastewater operator training
- Support for Bay Area Biosolids Coalition
- Support for Bay Area Chemical Consortium

Contact Us



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