



# BACWA Annual Report

## Fiscal Years 2013 and 2014

As water quality regulation becomes increasingly complex and stringent, BACWA provides technical expertise and financial support to its membership and a public utility perspective to negotiations and collaborations with regulators. With forty- POTWs and more than a hundred collection systems in the San Francisco Bay region, BACWA provides a necessary mechanism for effective coordination to ensure good regulation and continued water quality improvements throughout the Bay Area.

The clean water community's focus is now shifting rapidly from toxic pollutant reduction to renewable resource generation; and understanding the potential impacts of micro-constituents, compounds detected at often miniscule levels that may present human health or environmental concerns. Member contributions will continue to support BACWA's goal of ensuring that any nutrient regulations are well-supported by science and that any necessary reductions in nutrient loading will be equitable and lead to quantifiable improvements in water quality. Even as the issues change, BACWA continues to offer the services to our members and the public that have garnered the agency much respect and success.

Below are a list of BACWA's accomplishments over the previous two fiscal years.

### List of Accomplishments, Fiscal Year 2013

- Prepared reports, on behalf of our members, demonstrating compliance with risk reduction and special studies requirements
- Met with state board staff and submitted a comment letter on the Draft Whole Effluent Toxicity Policy. Provided members with a letter template to allow them to more easily comment on the Draft Whole Effluent Toxicity Policy
- Provided comments on Sacramento Regional Permit requirements
- Provided comments on the San Francisco Bay Basin Plan Triennial Review
- Provided comments on the dilution credits and anti-backsliding requirements in West County Agency's tentative order;
- Proposed revisions to the SSS WDR MRP
- Participated in collaborative projects such as the California Wastewater Climate Change Group,
- Funded development of a recycled water landscape guide
- Completed a Biosolids Fact Sheet
- Performed regional water quality education and outreach
- Completed a selenium effluent characterization study
- Managed of a regional sewer rate survey database.
- Finalized the dental metrics report to meet Mercury/PCB Watershed Permit requirements
- Completed risk reduction requirements to meet Mercury/PCB Watershed Permit requirements
- Negotiated renewal of the Mercury/PCBs Watershed Permit
- Reviewed of the Method 1668C PCB data that has been gathered to date to inform permit negotiations

- Developed the Regulatory and AIR issues summary matrices
- Worked with the RWQCB to develop a group nutrients sampling and reporting plan to comply with 13267 requirements for influent and effluent nutrient data collection over two years.
- Participated in statewide Green Chemistry/Pesticide regulation efforts
- Participated in the update of the Bay Area Integrated Regional Water Management Plan
- Conducted routine communication with our membership through the Annual Meeting, Monthly Board meetings.

## List of Accomplishments, Fiscal Year 2014

- Prepared reports, on behalf of our members, demonstrating compliance with risk reduction and special studies requirements;
- Developed updated PCB sampling, analysis and reporting protocols to reduce variability between laboratory results;
- Worked with regulators and other discharger to reestablish a regional risk reduction program in compliance with the Mercury/PCB Watershed Permit;
- Conducted meetings with State Water Board and submitted comment letter on proposed changes to the State Whole Effluent Toxicity Plan; followed up on regional impact of Statewide Toxicity Plan with Regional Water Board Staff;
- Reviewed the State Water Resources Control Board's proposed revisions to the SSS WDR MRP and provided summary of the new requirements of the WDR MRP once it was adopted;
- Supported our member agencies responding to 13267 letter Nutrient reporting requirements;
- Provided comments on the water rights language in Palo Alto's tentative order which may have limited its ability to deliver recycled water;
- Provided comments on the Statewide vector control general order;
- Provided comments on the Statewide recycled water general order;
- Co-funded a Layperson's Guide to Wastewater, copies of which were made available to our member agencies;
- Conducted regional outreach campaigns related to flushable wipes, copper, pharmaceutical disposal, household hazardous waste, building demolition, and FOG; Submitted comment letters to regulators on emerging pesticides;
- Developed partnerships with state and federal organizations on emerging issues such as climate change, pesticide regulation, product stewardship, electronic reporting, and wastewater as a resource;
- Led efforts to develop a regional nutrient focused grant application for Proposition 84, Round 3 funding;
- Supported effort to develop a regional drought relief application for Proposition 84 funding;
- Established a new Pretreatment Committee;
- Commented on SFPUC's Southeast Plant's Tentative Order requesting a test species be added to its chronic toxicity testing requirements;
- Reviewed Regional Water Board efforts to develop selenium objectives for North and South San Francisco Bay selenium TMDLs;
- Led efforts to work collaboratively with the Water Board in pursuit of science based regulations dealing with nutrient loadings to San Francisco Bay including negotiation of a watershed permit, funding \$675,000 in scientific studies and development of a governance structure for overseeing the development and implementation of a Science Plan to help inform future regulatory policy;
- Updated the Regulatory and AIR issues summary matrices;
- Held a Nutrient Regulatory Workshop and a Nutrient Technical Symposia for our members;
- Conducted routine communication with our membership through the Annual Meeting, Monthly Board meetings and monthly BACWA Bulletin;

- Presented 2014 Arlene Navarret Award to Amanda Roa of Delta Diablo;
- Participated in the update of the Bay Area Integrated Regional Water Management Plan

## BACWA Committees

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. BACWA maintains the following active committees:

- Collection Systems
- Permits
- Recycled Water
- Laboratory
- Biosolids
- Operations/Maintenance/Engineering Infoshare
- Pretreatment (new in FY 2013/14)
- Bay Area Pollution Prevention Group (partial support in FY 2012/13, full support in FY 2013/14)
- Air Issues and Regulations (partial support)

## List of BACWA Members as of June 30, 2014

### 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 Livermore

City of Palo Alto

City of Sunnyvale

Delta Diablo Sanitation District

Dublin-San Ramon Services District

Fairfield Suisun Sewer District

Napa Sanitation District

South Bayside System Authority

San Mateo Wastewater Treatment Plant

South San Francisco

Vallejo Sanitation and Flood Control District

West County Agency

### Affiliates

City American Canyon

City of Albany

City of Belmont

City of Benicia

City of Berkeley

City of Brisbane

City of Burlingame

City of Calistoga

City of Fairfield

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  
City of Windsor  
Cupertino Sanitary District  
Las Gallinas Valley Sanitary District  
Mt. View Sanitary District  
North San Mateo Sanitation District  
Novato Sanitary District  
Pacifica  
Pinole/ Hercules Wastewater Treatment Plant  
San Francisco International Airport

San Mateo County, Department of Public Works  
Sanitary District of Marin County No. 1  
Sanitary District of Marin No. 2  
Sanitary District of Marin No. 5  
Santa Clara County Sanitation District No. 2-3  
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  
West Bay Sanitary District  
West Valley Sanitation District  
Yountville

## Financials:

**BAY AREA CLEAN WATER AGENCIES**  
**Fiscal Year 2013**  
**BUDGET VS ACTUAL**

<u>BACWA</u>	<u>FY 2013 Budget</u>	<u>FY 2013 AMENDED Budget</u>	<u>Actuals</u>	<u>Percentage of Budget</u>	<u>Amended Budget Notes</u>
<b>REVENUES</b>					
Principals' Contributions	420,000	420,000	420,000	100.00%	
Associate & Affiliate Contributions	162,000	159,000	159,000	100.00%	loss of 2 affiliates (St Helena & Windsor)
Other Receipts	0	0	9,987		support
Fund Transfer	10,000	10,277	13,563	131.97%	AIR, BAPPG & WOT=\$10,277. Prop 50=\$3,286
Interest Income	5,000	5,000	3,195	63.90%	
Administrative & General	0	0	7,341		Dues overpayment by Sewerage Agency of So. Marin
<b>TOTAL BACWA REVENUES</b>	<b>597,000</b>	<b>594,277</b>	<b>613,086</b>	<b>103.17%</b>	
<b>EXPENSES</b>					
<b>BACWA Committees</b>					
Collections System	25,000	25,000	25,007	100.03%	
Permit Committee	0	0	0		
Water Recycling Committee	10,000	13,359	733	5.49%	includes EPC carryforward of \$3,359
Biosolids Committee	5,000	6,515	2,832	43.47%	includes Cpoint carryforward of \$1,515
InfoShare Groups	25,000	25,000	11,825	47.30%	
Laboratory Committee	7,000	7,000	0	0.00%	
Misc Committee Support	140,000	140,000	92,081	65.77%	
<b>Legal Support</b>					
Regulatory Support	2,000	2,000	5,451	272.55%	
Executive Board Support	2,000	2,000	530	26.50%	
<b>Collaboratives and Sponsorships</b>					
CWAA	1,000	1,000	1,000	100.00%	
State of the Estuary	20,000	20,000	20,000	100.00%	
CPSC	5,000	5,000	5,000	100.00%	
PSI	500	500	500	100.00%	
Stanford ERC	10,000	10,000	10,000	100.00%	
<b>Communications and Reporting</b>					
Annual Report	15,000	15,000	0	0.00%	
Website Development/Maintenance	10,720	10,720	7,403	69.06%	
Other Communications	5,000	5,000	657	13.14%	
<b>Special Programs</b>					
Contribution to BAPPG Enterprise	50,000	50,000	50,000	100.00%	
<b>General BACWA Support</b>					
Contingency	30,000	30,000	36,686	122.29%	
Meeting Support	13,000	13,000	9,970	76.69%	
<b>Administrative Support</b>					
Executive Director	160,000	160,000	164,432	102.77%	Overlap of two ED's
Assistant Executive Director	70,000	70,000	67,610	96.59%	
EBMUD Financial Service & Audit	40,000	40,000	20,163	50.41%	
Administrative Expenses	3,000	3,000	5,388	179.60%	
Insurance	4,000	4,000	3,860	96.50%	
<b>TOTAL BACWA EXPENSES</b>	<b>653,220</b>	<b>658,094</b>	<b>541,128</b>	<b>82.23%</b>	

**BAY AREA CLEAN WATER AGENCIES**  
**Fiscal Year 2013**  
**BUDGET VS ACTUAL**

CLEAN BAY COLLABORATIVE (CBC)	FY 2013 Budget	FY 2013 AMENDED Budget	Actuals	Percentage of Budget	Amended Budget Notes
<b>REVENUES</b>					
CBC Contributions	450,000	450,000	449,000	99.78%	
CBC Interest/ Misc	1,600	1,600	1,269	79.31%	
<b>TOTAL CBC REVENUES</b>	<b>451,600</b>	<b>451,600</b>	<b>450,269</b>	<b>99.71%</b>	
<b>EXPENSES</b>					
Technical Support	385,000	525,838	248,650	47.29%	Carryforwards: LWA (9990-3402), HDR (19256), SFEI (62974+45000), Somach (7110)
Collaborations & Sponsorships	65,000	65,000	15,000	23.08%	
Commun. & Reporting	26,000	26,000	3,140	12.08%	
Other	45,000	45,000	28,404	63.12%	
<b>TOTAL CBC EXPENSES</b>	<b>474,000</b>	<b>661,838</b>	<b>295,194</b>	<b>44.60%</b>	
<b>AIR</b>	<b>FY 2013 Budget</b>	<b>FY 2013 AMENDED Budget</b>	<b>Actuals</b>	<b>Percentage of Budget</b>	<b>Amended Budget Notes</b>
<b>REVENUES</b>					
AIR Contributions	85,000	78,354	78,354	100.00%	loss of South San Fran (\$6,646)
AIR Interest/Misc	0	0	135		
<b>TOTAL AIR REVENUE</b>	<b>85,000</b>	<b>78354</b>	<b>78,489</b>	<b>100.17%</b>	
<b>EXPENSES</b>					
AIR Contract Expenses	81,000	79,556	64,990	81.69%	CH2MHill contract actual value
AIR Administrative Expenses	4,000	3,977	3,977	100.00%	5% of Amended Contributions
<b>TOTAL AIR EXPENSES</b>	<b>85,000</b>	<b>83,533</b>	<b>68,967</b>	<b>82.56%</b>	
<b>BAPPG</b>	<b>FY 2013 Budget</b>	<b>FY 2013 AMENDED Budget</b>	<b>Actuals</b>	<b>Percentage of Budget</b>	<b>Amended Budget Notes</b>
<b>REVENUES</b>					
BAPPG Contributions	80,000	79,505	79,505	100.00%	loss of St Helena
BAPPG Interest/ Misc	3,079	3,079	152	4.94%	
<b>TOTAL BAPPG Contributions</b>	<b>83,079</b>	<b>82,584</b>	<b>79,657</b>	<b>96.46%</b>	
<b>EXPENSES</b>					
FOG	14,000	14,000	8,000	57.14%	
Pesticides	10,000	10,000	10,000	100.00%	
Copper	5,000	5,000	4,833	96.66%	
Pharmaceuticals	7,499	7,499	8,845	117.95%	
Multi-Pollutant	19,000	19,000	15,952	83.96%	
Emerging Issues	8,000	8,000	7,517	93.96%	
Other	12,500	16,539	10,459	63.24%	Jackson Carryforward of \$4,039
Administrative Expenses	3,800	3,800	3,800	100.00%	5% of Amended Contributions
<b>TOTAL BAPPG EXPENSES</b>	<b>79,799</b>	<b>83,838</b>	<b>69,406</b>	<b>82.79%</b>	
<b>WOT</b>	<b>FY 2013 Budget</b>	<b>FY 2013 AMENDED Budget</b>	<b>Actuals</b>	<b>Percentage of Budget</b>	<b>Amended Budget Notes</b>
<b>REVENUES</b>					
WOT Contributions	160,500	150,000	164,500	109.67%	reflects actual billing total
WOT Interest/Misc	0	0	400		
<b>TOTAL WOT Contributions</b>	<b>160,500</b>	<b>150000</b>	<b>164,900</b>	<b>109.93%</b>	
<b>EXPENSES</b>					
WOT Contract Expenses	158,000	158,000	182,000	115.19%	
WOT Administrative Expenses	2,500	2,500	2,500	100.00%	2% of Contributions
<b>TOTAL WOT EXPENSES</b>	<b>160,500</b>	<b>160,500</b>	<b>184,500</b>	<b>114.95%</b>	

## BAY AREA CLEAN WATER AGENCIES

Fiscal Year 2014

## BUDGET VS ACTUAL

<u>BACWA</u>		FY 2014 Budget	FY 2014 AMENDED Budget	<u>Actual</u>	<u>%</u>	<u>Notes</u>
<u>REVENUES</u>						
Principals' Contributions		450,000	450,000	494,061	109.79%	\$44,061 received 11/18/2013 for outstanding FY12, FY13 dues
Associate & Affiliate Contributions		159,000	163,500	160,500	98.17%	\$3,000 not paid
Other Receipts		0	0			
Fund Transfer		10,000	10,675	12,924	121.07%	Budget reflects actual admin fees from AIR, BAPPG and WOT
Interest Income		3,000	3,000	2,873	95.77%	
TOTAL BACWA REVENUES		622,000	627,175	670,358	106.89%	
<u>EXPENSES</u>						
BACWA Committees						
	Collections System	26,000	26,000	23,997	92.30%	
	Permit Committee	0	0	0	0.00%	
	Water Recycling Committee	10,000	41,552	2,545	6.12%	\$31,552: WBA carryforward
	Biosolids Committee	5,000	5,000	0	0.00%	
	InfoShare Groups	25,000	25,000	10,849	43.39%	
	Laboratory Committee	5,000	5,000	2,106	42.11%	
	Miscellaneous Committee Support	90,000	106,368	104,894	98.61%	\$16,368: PME Carryforward
Legal Support						
	Regulatory Support	2,000	2,000	2,977	148.85%	
	Executive Board Support	2,000	2,000	1,972	98.60%	
Collaboratives and Sponsorships						
	State of the Estuary	0	0	0		Every other year
	CPSC	5,000	5,000	5,000	100.00%	
	PSI	500	500	500	100.00%	
	Stanford ERC	10,000	10,000	10,000	100.00%	
	Arleen Navarret Award	1,000	1,000	0	0.00%	
	FWQC	5,000	5,000	5,000	100.00%	
Communications and Reporting						
	Annual Report	5,000	5,000	0	0.00%	
	Website Development /Maintenance	7,820	7,820	6,639	84.90%	
	Other Communications	200	5,199	73	1.39%	\$4,999: Linde Carryforward
Special Programs						
	Contribution to BAPPG Enterprise	50,000	50,000	50,000	100.00%	
General BACWA Support						
	Contingency	31,100	31,100	7,534	24.23%	
	Meeting Support	13,000	13,000	11,896	91.51%	
Administrative Support						
	Executive Director	175,000	175,000	175,000	100.00%	
	Assistant Executive Director	75,000	75,000	84,070	112.09%	Overlap of 2 AED contracts
	EBMUD Financial Service & Audit	40,000	40,000	24,662	61.66%	
	Administrative Expenses	3,000	3,000	3,867	128.89%	
	Insurance	4,000	4,000	4,321	108.03%	
TOTAL BACWA EXPENSES		590,620	643,539	537,901	83.58%	

**BAY AREA CLEAN WATER AGENCIES**

Fiscal Year 2014

**BUDGET VS ACTUAL**

<b>CLEAN BAY COLLABORATIVE (CBC)</b>	<b>FY 2014 Budget</b>	<b>FY 2014 AMENDED Budget</b>	<b>Actual</b>	<b>%</b>	<b>Notes</b>
<b>REVENUES</b>					
Principals	450,000	450,000	540,000	120.00%	90k paid by EBMUD in FY14 for FY15
Associates & Affiliates	225,000	227,250	224,500	98.79%	\$2,750 not paid
<b>TOTAL CBC Contributions</b>	<b>675,000</b>	<b>675,000</b>	<b>765,500</b>	<b>113.41%</b>	
CBC Other Receipts			54,719		40k paid by EBMUD in FY 14 for FY15
CBC Interest/ Misc	1,000	1,000	1,927	192.71%	
<b>TOTAL CBC REVENUE</b>	<b>676,000</b>	<b>676,000</b>	<b>822,146</b>	<b>121.62%</b>	
<b>EXPENSES</b>					
Technical Support	795,000	896,902	470,972	52.51%	\$101,902 - Carryforward: SFEI 99,703; Jkelly 2,199
Collaborations & Sponsorships	30,000	30,000	30,000	100.00%	
Commun. & Reporting	6,000	6,000	1,806	30.10%	
Other	33,800	33,800	14,967	44.28%	
<b>TOTAL CBC EXPENSES</b>	<b>817,800</b>	<b>919,702</b>	<b>517,745</b>	<b>56.29%</b>	

<b>AIR COMMITTEE</b>	<b>FY 2014 Budget</b>	<b>FY 2014 AMENDED Budget</b>	<b>Actual</b>	<b>%</b>	<b>Notes</b>
<b>REVENUES</b>					
AIR Contributions	78,340	78,340	84,384	107.72%	
AIR Other Receipts	0	0	0		
AIR Interest/Misc	0	0	124		
<b>TOTAL AIR REVENUE</b>	<b>78,340</b>	<b>78,340</b>	<b>84,508</b>	<b>107.87%</b>	
<b>EXPENSES</b>					
AIR Contract Expenses	74,440	74,440	74,440	100.00%	
AIR Administrative Expenses	3,900	3,900	3,900	100.00%	
<b>TOTAL AIR EXPENSES</b>	<b>78,340</b>	<b>78,340</b>	<b>78,340</b>	<b>100.00%</b>	

<b>BAPPG</b>	<b>FY 2014 Budget</b>	<b>FY 2014 AMENDED Budget</b>	<b>Actual</b>	<b>%</b>	<b>Notes</b>
<b>REVENUES</b>					
<b>BAPPG Contributions</b>	<b>80,000</b>	<b>80,000</b>	<b>79,505</b>	<b>99.38%</b>	
<b>EXPENSES</b>					
BAPPG Contract Expenses					
FOG	17,000	17,000	8,000	47.06%	
Mercury	2,500	2,500	0	0.00%	
Pesticides	10,000	10,000	10,000	100.00%	
Pharmaceuticals	9,998	9,998	0	0.00%	
General P2	1,500	1,500	0	0.00%	
Multi-Pollutant	19,000	19,000	15,999	84.21%	
Emerging Issues	14,000	21,437	26,667	124.40%	\$7,437: Carryforward: Tandem 3K; O'Rorke 4,437
Other	11,500	11,500	5,979	51.99%	
BAPPG Administrative Expenses	4,275	4,275	4,275	100.00%	
<b>TOTAL BAPPG EXPENSES</b>	<b>89,773</b>	<b>89,773</b>	<b>70,920</b>	<b>79.00%</b>	

<b>WOT</b>	<b>FY 2014 Budget</b>	<b>FY 2014 AMENDED Budget</b>	<b>Actual</b>	<b>%</b>	<b>Notes</b>
<b>REVENUES</b>					
<b>WOT Contributions</b>	<b>160,500</b>	<b>160,500</b>	<b>163,500</b>	<b>101.87%</b>	
<b>EXPENSES</b>					
WOT Contract Expenses	158,000	158,000	151,000	95.57%	
WOT Administrative Expenses	2,500	2,500	2,500	100.00%	
<b>TOTAL WOT EXPENSES</b>	<b>160,500</b>	<b>160,500</b>	<b>153,500</b>	<b>95.64%</b>	