



Executive Board Meeting Agenda

Thursday, May 23, 2013, 9:00 a.m. – 12:00 p.m.
EBMUD Lab Library, 2020 Wake Ave., Oakland, CA

<u>Agenda Item</u>	<u>Time</u>	<u>Page #</u>
ROLL CALL AND INTRODUCTIONS	9:00 a.m. – 9:05 a.m.	
PUBLIC COMMENT	9:05 a.m. – 9:10 a.m.	
CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER	9:10 a.m. – 9:15 a.m.	
CONSENT CALENDAR	9:15 a.m. – 9:20 a.m.	
1. April 15, 2013 BACWA Executive Board Meeting Minutes		3 - 6
2. February 2013 Treasurer’s Report		7 - 12
3. March 2013 Treasurer’s Report		13 - 18
REPORTS	9:20 a.m. – 10:00 a.m.	
4. Committee Reports		19 - 25
5. Executive Board Reports		
6. Executive Director Report for May 2013		26 - 32
7. Regulatory Program Manager Report		33 - 34
8. Chair & Executive Director Authorized Actions		
a. Executive Director authorization of agreement with Linde Group for E-mail Transition support, not to exceed \$4,999 in FY 2012-13; File 12,950.		35 - 36
b. Executive Director Authorization of agreement with O’Rorke for BAPPG Flushable Wipes Outreach, not to exceed \$4,999 in FY 2012-13; File 12,951.		37 - 38
c. Executive Director Authorization of agreement with JM Kelly Engineering for Technical support, not to exceed \$4,999 in FY 2012-13; File 12,952.		39
OTHER BUSINESS	10:00 a.m. – 11:55 a.m.	
9. <u>Discussion:</u> Nutrients		
a. Presentation on Nutrients Conceptual Model (<i>David Senn</i>)	(10:00 a.m.)	
b. SFEI Proposed FY 2014 Workplan		
c. Subembayment Boundaries		
d. BACWA/Water Board Collaboration		
i. Governance Structure		
ii. Regulatory Model		
iii. Nutrients Workshop		
10. <u>Discussion:</u> Fiscal Year 2013-14 DRAFT BACWA/CBC Budget		40 - 51
11. <u>Discussion:</u> Joint Meeting, May 9, 2013		
12. <u>Discussion:</u> Collaboration and Funding Criteria		52

<p>OTHER BUSINESS cont.</p> <p>13. <u>Discussion:</u> BACWA/BAPPG Triclosan Review Comment Letter to EPA</p> <p>14. <u>Discussion:</u> Upcoming BACWA Executive Board Meetings</p> <ul style="list-style-type: none"> a. Confirm Pardee Scheduled for October 23 – 25, 2013 b. Consideration of Alternate Locations c. Invitations for Board Meeting Attendance d. Reschedule/Cancel August 22, 2013 Meeting 		53 – 61
<p>SUGGESTIONS FOR FUTURE AGENDA ITEMS</p>	11:55 a.m. – 12:00 p.m.	
<p>NEXT REGULAR MEETING</p> <p>The next regular meeting of the Board is scheduled for June 27, 2013 at the EBMUD Treatment Plant Lab Library.</p>		
<p>ADJOURNMENT</p>	12:00 p.m.	



Executive Board Meeting Minutes

Monday, April 15, 2013, 1:00 p.m. – 4:00 p.m.
EBMUD Lab Library, 2020 Wake Avenue, Oakland, CA

ROLL CALL AND INTRODUCTIONS

Executive Board Representatives: Mike Connor, Chair (East Bay Dischargers Authority); Laura Pagano, Vice Chair (San Francisco Public Utilities Commission); Curt Swanson (Central Contra Costa Sanitary District); James Ervin (San Jose)

Other Attendees: Jackie Kepke (East Bay Municipal Utility District); Tim Potter (Central Contra Costa Sanitary District); Melody LaBella (Central Contra Costa Sanitary District); Dana Lawson (Central Contra Costa Sanitary District); Mary Lou Esparza (Central Contra Costa Sanitary District); Amanda Roa (Delta Diablo Sanitation District); Greg Baatrup (Fairfield-Suisun Sewer District); Bhavani Yerrapotu (Sunnyvale); Karin North (City of Palo Alto); David Senn (San Francisco Estuary Institute); Denise Conners (Larry Walker Associates); Tom Hall (EOA); Holly Kennedy (HDR); Jim Kelly (J.M. Kelly Engineering); Lorien Fono (Patricia McGovern Engineers); Dave Williams (BACWA); Alexandra Gunnell (BACWA).

PUBLIC COMMENT

There were no public comments.

CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER

The Board made a request to move the discussion of agenda item 8 before agenda item 7.

CONSENT CALENDAR

Agenda item 1 was approved in a motion made by Curt Swanson and seconded by Laura Pagano. The motion carried unanimously.

1. March 28, 2013 BACWA Executive Board Meeting Minutes

REPORTS

Committee Reports were reviewed under **agenda item 2**.

The **AIR Committee** report was included in the handout packet. The Executive Director (ED) noted that their request for BACWA funding in 2014 would be discussed under agenda item 8.

The **BAPPG** report was included in the handout packet. Amanda Roa and Melody LaBella summarized noteworthy items and responded to related questions.

The ED reviewed the **Collection Systems** committee report, included in the handout packet, and notified attendees that BACWA is working with the Summit Partners to submit a letter to the State Water Board today to comment on the revised draft of the Amended Monitoring and Reporting Program (MRP) of the Sanitary Sewer System (SSS) Waste Discharge Requirements (WDR).

The **Recycled Water** committee report, included in packet, was reviewed.

There were no reports from the Executive Board representatives under **agenda item 3, Executive Board Reports**.

The **Executive Director's April Report** was included in the handout packet for **agenda item 4** and reviewed by Dave Williams. Tim Potter, Permits Committee Chair, noted that when the draft Letter of Agreement and outline of the draft Letter of Intent were presented at the last Permits Committee meeting there were no concerns voiced by meeting attendees. Further discussion of this topic was deferred until later in the meeting under agenda item 9. The Board inquired about whether the committee discussed the 2014 increase to Clean Bay Collaborative (CBC) member dues. Tim responded that it was mentioned to the Permits Committee meeting attendees and that no concerns were raised by attendees. The ED noted that the status of action items from the February and March BACWA Board meetings were included as attachments to his report; revision requests should be sent to the ED.

The **Regulatory Program Manager (RPM) Report** was included in the handout packet and reviewed by Lorien Fono under **agenda item 5**. Anyone interested in participating in the Toxicity Workgroup should contact Lorien. She also noted that she is in the process of scheduling a meeting for BACWA members and Western States Petroleum Association representatives to discuss Selenium criteria that will likely take place early May. The RPM has completed a draft report summarizing member permit compliance but will wait to distribute it until the May 23rd BACWA meeting.

The following **Chair and Executive Director Authorized Actions** were taken since March 28, 2013, listed under **agenda item 6**, and supporting information was included in the handout packet.

- a. Executive Director Authorization for Biosolids Committee Chair to attend WEF Biosolids Conference, estimated cost of \$2,341.00, FY 2012-13; File 12,931.

The Board recognized the valuable work performed on a volunteer basis by the BACWA committees and noted the importance of acknowledging their efforts.

OTHER BUSINESS

Agenda item 8 was taken out of order, as requested by the Board. The ED led a discussion on the draft **Fiscal Year 2013 BACWA/CBC Budget and Workplan**. The ED will follow up on items requested during the discussion, as follows, and present a revised version of the budget at the May 23rd Board meeting.

- The Board requested more information on the Recycled Water committee's request for funding.
- The Board requested a summary of Infoshare Group efforts and accomplishments over the past year.
- Discussions about BACWA funding of Collaboratives and Sponsorships will continue on May 23rd. BAPPG agreed to provide information on the Product Stewardship Institute and the California Product Stewardship Council, and Ben Horenstein and Mike Connor will be asked to speak about ReNUWIt. The annual contribution to FWQCB will also be considered.
- The Board requested that the AIR committee provide additional information to support their request for BACWA funding.

- The ED will investigate the potential for the RPM to provide support to committees that are requesting meeting administration assistance.
- It was suggested that the following items be moved:
 - Arleen Navarret Award from contingency to a more appropriate category; and
 - FWQCB from CBC to BACWA.
- The Collection Systems committee budget line will be increased to \$26,000 to accommodate the cost of renting a meeting venue.
- The ED will discuss SFEI's ERS proposal with Tom Hall and Mike Connor.
- Risk Reduction will continue to be funded at \$15,000 annually.
- "Chemicals of Concern" will be edited to read "Pesticide Support".
- Curt Swanson and Greg Baatrup will reach out to finance contacts at their agencies to get feedback on the value of BACWA's current Sewer Rate Survey.

As requested by the Board, the Permits committee will discuss BACWA's Triennial Review strategy at an upcoming committee meeting.

Under **agenda item 9a**, David Senn, provided information about **SFEI's Nutrient Strategy Development Plan**, and distributed a handout of proposed funding for 2014 (Year 1) and 2015 (Year 2). The ED will work with David Senn to 1) align the funding request with the decision tree, 2) revise the proposal to request \$675,000 from BACWA for 2014, and 3) list other potential sources of funding.

The ED provided a **Nutrients Governance Development Update** under **agenda item 9b**. At the Nutrients Task Force meeting on April 10th, Dave Sepos was asked to revise his facilitation scope of work to include outreach to the stakeholders listed on the most recent version of the Governance Structure Diagram. Naomi Feger and the ED will review the revised scope and circulate it to the BACWA Board for feedback.

Under **agenda item 9c, Nutrients Permit Concept Update**, the ED and Jim Kelly briefed attendees on their discussion with San Francisco Bay Regional Water Quality Control Board staff (SF Bay Water Board). During the meeting they were able to develop specific requirements that could be contained in a watershed permit. Jim Kelly will schedule a conference call to gain feedback from BACWA members, and those who are interested in participating should contact him. He will also present this information at the Permits Committee meeting on May 14th.

The ED led a discussion for **agenda item 9d, Meeting with Sacramento Regional Update**. During the meeting, representatives from Sacramento Regional expressed their desire to see SFEI investigations expand into the Delta. They are considering renewing their BACWA membership. They would like to be engaged in the current research and would consider contributing funds. They also expressed interest in the proposed Governance Structure, and the ED will consider working with Dave Sepos keep them informed. Sacramento Regional representatives noted that there may be opportunities for them to be engaged with BACWA on other issues as well.

As requested by the Board, **agenda item 7** was taken out of order. Under agenda item 7 the *Executive Board approved a contribution to **the Contribution to the San Francisco Estuary Partnership to Sponsor the Biennial State of the Estuary Conference, \$20,000, FY 2012-13; File 12,930.** The motion to approve was made by James Ervin and seconded by Curt Swanson. The motion passed unanimously.*

Principals' Endorsement of the Nutrients White Paper and Nutrients Position Paper, agenda item 10, was discussed. The Board will review the draft documents and send revision suggestions to Jim Kelly. Once revised, the ED and Jim Kelly will consider presenting them to the Permits Committee along with the Nutrients watershed permit proposed requirements to obtain member feedback, and estimate the number of supporting agencies.

For **agenda item 11, SSO Enforcement Options** were discussed. This item will be added to the agenda of the next Joint meeting for discussion with the SF Bay Water Board. It was suggested that BACWA may want to bring up this issue as well as the Nutrients Permit Concept as the upcoming East Bay general managers' meeting to acquire member feedback.

The ED reminded the Board that he will be on vacation following the CASA Spring Conference until May 5th.

The next monthly BACWA Board meeting is scheduled for, **May 23, 2013** at the EBMUD Treatment Plant Lab Library.

The meeting adjourned at 4:00 p.m.



Bay Area Clean Water Agencies

A Joint Powers Public Agency

Leading the Way to Protect our Bay

April 26, 2013

MEMO TO: Bay Area Clean Water Agencies Executive Board
MEMO FROM: D. Scott Klein, Controller, East Bay Municipal Utility District
SUBJECT: Eight Month 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, 2012 through February 28, 2013** (eight months of Fiscal Year 2012-2013). This report covers expenditures, cash receipts, and cash transfers for the following BACWA funds:

- Bay Area Clean Water Agencies (BACWA),
- BACWA Training Fund (Trng Fnd),
- Air Issues and Regulation Group (AIR),
- Bay Area Pollution Prevention Group (BAPPG),
- BACWA Legal Reserve Fund (Legal Rsrv),
- Water Quality Attainment Strategy (WQA CBC),
- BACWA Operating Reserve Fund (BACWAOpRes),
- Regional Water Recycling (RWR),
- BACWA Reserve (Reserve),
- Water/Wastewater Operator Training (WOT),
- Prop84 Bay Area Integrated Regional Water Mgmt (PRP84),
- WQA Emergency Reserve Fund (WQA Emerg),
- WQA Tech Action Fund (TechAction),
- CBC Operating Reserve Fund (CBC OpRsrv), and
- Prop50 Bay Area Integrated Regional Water Mgmt (PRP50)

Fund Balances as of month end 02/28/13

DESCRIPTION	BEGINNING FUND BALANCE 07/1/12	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 02/28/13	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 02/28/13
BACWA	597,182.02	500,612.78	245,386.89	852,407.91	375,267.49	477,140.42
TRNG FND	247,407.05	621.40	-	248,028.45	-	248,028.45
AIR	3,372.18	72,444.59	26,146.55	49,670.22	53,409.45	(3,739.23)
BAPPG	41,498.18	29,622.54	48,015.19	23,105.53	9,014.13	14,091.40
LEGAL RSRV	302,899.56	760.78	-	303,660.34	-	303,660.34
WQA CBC	214,405.51	389,894.38	185,585.38	418,714.51	246,778.95	171,935.56
BACWAOPRES	152,407.54	382.79	-	152,790.33	-	152,790.33
RWR	16,676.01	41.89	-	16,717.90	-	16,717.90
RESERVE	120,000.00	-	-	120,000.00	-	120,000.00
WOT	67,661.90	140,783.23	77,500.00	130,945.13	-	130,945.13
PRP84	39,115.70	872,499.02	833,470.39	78,144.33	47,744.54	30,399.79
WQA EMERG	403,866.08	1,014.37	-	404,880.45	-	404,880.45
TECHACTION	252,416.30	633.97	-	253,050.27	-	253,050.27
CBC OPRSRV	163,565.93	410.82	-	163,976.75	-	163,976.75
PRP50	167,637.69	2,674,279.02	2,659,378.13	182,538.58	29,708.55	152,830.03
	2,790,112	4,684,002	4,075,483	3,398,631	761,923	2,636,708

BACWA Revenue Report for February 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	
Bay Area Clean Water Agencies	Administrative & General	-	-	-	-	7,341	-	7,341	(7,341)
Bay Area Clean Water Agencies	BDO Member Contributions	420,000	-	330,000	-	-	-	330,000	90,000
Bay Area Clean Water Agencies	BDO Fund Transfers	10,277	-	-	-	-	1,942	1,942	8,335
Bay Area Clean Water Agencies	BDO Interest Income	5,000	-	-	-	-	2,329	2,329	2,671
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	159,000	-	159,000	-	-	-	159,000	-
BACWA TOTAL		594,277	-	489,000	-	7,341	4,272	500,613	93,664
BACWA Training Fund	BDO Interest Income	-	-	-	-	-	621	621	(621)
TRNG FND TOTAL		-	-	-	-	621	621	621	(621)
AIR-Air Issues&Regulation Grp	BDO Member Contributions	78,354	-	72,354	-	-	-	72,354	6,000
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	-	-	-	91	91	(91)
AIR TOTAL		78,354	-	72,354	-	-	91	72,445	5,909
BAPPG-BayAreaPollutnPreventGrp	BDO Member Contributions	79,505	-	29,505	-	-	-	29,505	50,000
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	3,079	-	-	-	-	118	118	2,961
BAPPG TOTAL		82,584	-	29,505	-	-	118	29,623	52,961
BACWA Legal Reserve Fnd	BDO Interest Income	-	-	-	-	-	761	761	(761)
LEGAL RSRV TOTAL		-	-	-	-	-	761	761	(761)
WQA-WtrQualityAttainmntStratgy	BDO Member Contributions	450,000	-	389,000	-	-	-	389,000	61,000
WQA-WtrQualityAttainmntStratgy	BDO Other Receipts	-	-	-	-	-	-	-	-
WQA-WtrQualityAttainmntStratgy	BDO Interest Income	1,600	-	-	-	-	894	894	706
WQA CBC TOTAL		451,600	-	389,000	-	-	894	389,894	61,706
BACWA OperatingRsrv Fnd	BDO Interest Income	-	-	-	-	-	383	383	(383)
BACWAOPRES TOTAL		-	-	-	-	-	383	383	(383)

BACWA Revenue Report for February 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD		YEAR TO DATE			UNOBLIGATED
			DIRECT	INVOICED	DIRECT	INVOICED	JVS	
Regional Water Recycling	BDO Interest Income	-	-	-	-	42	42	(42)
RWR TOTAL						42	42	(42)
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	150,000	-	140,500	-	-	140,500	9,500
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	-	283	283	(283)
WOT TOTAL		150,000		140,500		283	140,783	9,217
Prop84BayAreaIntegRegnlWtrMgmt	BDO Interest Income	-	-	-	-	184	184	(184)
Prop84BayAreaIntegRegnlWtrMgmt	Administrative Support	-	-	71,569	-	-	71,569	(71,569)
Prop84BayAreaIntegRegnlWtrMgmt	Novato North Area Proj.	-	-	593,750	-	-	593,750	(593,750)
Prop84BayAreaIntegRegnlWtrMgmt	Seato Point Wtlnd & Wtrshd Res	-	-	6,667	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnlWtrMgmt	Bair Island Restoration	-	-	6,667	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnlWtrMgmt	South Bay Salt Pond Habitat Re	-	-	6,667	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnlWtrMgmt	Regional Green Infrastructure	-	-	24,041	-	-	24,041	(24,041)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Partnership Technica	-	-	11,417	-	-	11,417	(11,417)
Prop84BayAreaIntegRegnlWtrMgmt	Stream Restoration w/Schools i	-	-	149,491	-	-	149,491	(149,491)
Prop84BayAreaIntegRegnlWtrMgmt	Flood Infrastructure Mapping	-	-	2,047	-	-	2,047	(2,047)
PRP84 TOTAL				872,315		184	872,499	(872,499)
WQA Emergency Reserve Fnd	BDO Interest Income	-	-	-	-	1,014	1,014	(1,014)
WQA EMERG TOTAL						1,014	1,014	(1,014)
WQA Tech Action Fund	BDO Interest Income	-	-	-	-	634	634	(634)
TECHACTION TOTAL						634	634	(634)
CBC Operating Reserve Fnd	BDO Interest Income	-	-	-	-	411	411	(411)
CBC OPRESRV TOTAL						411	411	(411)
Prop50BayAreaIntegRegnlWtrMgmt	BDO Interest Income	-	-	-	-	424	424	(424)
Prop50BayAreaIntegRegnlWtrMgmt	South Bay Advanced Regional RW	-	-	2,673,855	-	-	2,673,855	(2,673,855)
PRP50 TOTAL				2,673,855		424	2,674,279	(2,674,279)

BACWA Expense Report for February 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED			
			ENC	PV	DA	JV	ENC	FV			DA	JV	
Bay Area Clean Water Agencies	BC-Collections System	25,000	(2,957)	2,957	-	-	-	8,348	16,652	-	-	25,000	-
Bay Area Clean Water Agencies	BC-Permit Committee	-	-	-	-	-	-	-	-	-	-	-	-
Bay Area Clean Water Agencies	BC-Water Recycling Committee	13,359	-	-	-	-	-	12,903	367	-	-	13,269	90
Bay Area Clean Water Agencies	BC-Biosolids Committee	6,515	-	-	-	-	-	500	1,015	-	-	1,515	5,000
Bay Area Clean Water Agencies	BC-InfoShare Groups	25,000	-	-	-	-	-	21,040	3,960	-	-	25,000	-
Bay Area Clean Water Agencies	BC-Laboratory Committee	7,000	-	-	-	-	-	-	-	-	-	-	7,000
Bay Area Clean Water Agencies	BC-Miscellaneous Committees Sup	140,000	-	-	-	-	-	96,059	48,592	-	(349)	144,302	(4,302)
Bay Area Clean Water Agencies	LS-Regulatory Support	2,000	-	-	-	-	-	2	2,418	-	-	2,420	(420)
Bay Area Clean Water Agencies	LS-Executive Board Support	2,000	-	-	-	-	-	1,470	530	-	-	2,000	-
Bay Area Clean Water Agencies	CAS-CWAA	1,000	-	-	-	-	-	-	-	1,000	-	1,000	-
Bay Area Clean Water Agencies	CAS-PSSEP	20,000	-	-	-	-	-	-	-	-	-	-	20,000
Bay Area Clean Water Agencies	CAS-CPSC	5,000	-	-	-	-	-	-	-	5,000	-	5,000	-
Bay Area Clean Water Agencies	CAS-PSI	500	-	-	-	-	-	-	-	500	-	500	-
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	15,000	-	-	-	-	-	15,433	-	-	-	15,433	(433)
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	10,720	(473)	473	-	-	-	8,970	3,539	794	(2,285)	11,018	(298)
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	3,000	-	-	-	-	-	2,000	-	1,529	-	1,529	1,471
Bay Area Clean Water Agencies	SP-Other Communications	5,000	-	-	-	-	-	-	-	-	-	2,000	3,000
Bay Area Clean Water Agencies	SP-BAPPG Contribution	50,000	-	-	-	-	-	-	-	-	-	-	50,000
Bay Area Clean Water Agencies	GBS-Contingency	30,000	(4,076)	4,076	6,032	-	-	948	24,054	16,510	(4,478)	37,032	(7,032)
Bay Area Clean Water Agencies	GBS- Meeting Support	13,000	-	-	1,546	-	-	569	431	6,334	-	7,334	5,666
Bay Area Clean Water Agencies	AS-Executive Director	160,000	-	-	-	-	-	154,445	58,225	-	-	212,670	(52,670)
Bay Area Clean Water Agencies	AS-Assistant Executive Directo	70,000	(5,940)	5,940	-	-	-	28,804	39,396	-	-	68,200	1,800
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servc	40,000	-	-	-	-	-	23,778	16,222	-	(8,427)	31,573	8,427
Bay Area Clean Water Agencies	AS-Insurance	4,000	-	-	-	-	-	-	-	3,860	-	3,860	140
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	-	-	-	-	-	10,000	-	10,000	-
BACWA TOTAL		658,094	(13,446)	13,446	7,578	-	-	375,267	215,400	45,527	(15,639)	620,654	37,440
AIR-Air Issues&Regulation Grp	Administrative Support	3,977	-	-	-	-	-	-	-	-	-	-	3,977
AIR-Air Issues&Regulation Grp	BDO Contract Expenses	79,556	-	-	-	-	-	53,409	26,147	-	-	79,556	3,977
AIR TOTAL		83,533	-	-	-	-	-	53,409	26,147	-	-	79,556	3,977
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Fog	14,000	-	-	-	-	-	-	-	8,000	-	8,000	6,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Mercury	-	-	-	-	-	-	-	-	-	-	-	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pesticides	10,000	-	-	-	-	-	-	-	10,000	-	10,000	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Copper	5,000	-	-	-	-	-	-	-	4,833	-	4,833	167
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pharmaceutical	7,499	-	-	-	-	-	-	6,499	2,346	-	8,845	(1,346)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	-	-	-	-	-	-	-	-	-	-	-	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	8,000	-	-	-	-	-	-	-	313	-	313	7,687
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	16,539	-	-	-	-	-	3,999	5,039	-	-	9,038	7,501
BAPPG-BayAreaPollutnPreventGrp	Administrative Support	3,800	-	-	-	-	-	-	-	-	-	-	3,800
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	19,000	(1,766)	1,766	-	-	-	5,015	10,985	-	-	16,000	3,000
BAPPG TOTAL		83,838	(1,766)	1,766	-	-	-	9,014	22,523	25,492	-	57,029	26,809
WQA-WrQualityAttainmntStraty	WQA-CE-Technical Support	525,838	(7,110)	-	-	-	-	220,612	137,860	11,919	(4,644)	365,747	160,091
WQA-WrQualityAttainmntStraty	WQA-CE-Collaborations & Sponso	65,000	-	-	-	-	-	-	-	15,000	-	15,000	50,000
WQA-WrQualityAttainmntStraty	WQA-CE-Commun. & Reporting	26,000	-	-	-	-	-	6,000	-	-	-	6,000	20,000
WQA-WrQualityAttainmntStraty	WQA-CE-Other	45,000	(200)	200	4,996	-	-	20,167	10,454	14,996	-	45,617	(617)
WQA CBC TOTAL		661,838	(7,310)	200	4,996	-	-	246,779	148,314	41,915	(4,644)	432,364	229,474

BACWA Expense Report for February 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED
			ENC	PV	DA	ENC	PV	DA		
WOT - Wtr/Wwtr Operat Training	Administrative Support	2,500	-	-	-	-	-	-	2,500	
WOT - Wtr/Wwtr Operat Training	BDO Contract Expenses	158,000	-	-	-	77,500	-	77,500	80,500	
WOT TOTAL		160,500	-	-	-	77,500	-	77,500	83,000	
Prop84BayAreaIntegRegnlWtrMgmt	Administrative Support	-	(45)	45	-	36,204	464	1,942	46,869	
Prop84BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	(6,945)	6,945	-	-	14,115	-	53,600	
Prop84BayAreaIntegRegnlWtrMgmt	Novato North Area Proj.	-	0	0	-	583,750	-	-	583,750	
Prop84BayAreaIntegRegnlWtrMgmt	Regional Green Infrastructure	-	0	0	-	24,041	-	-	(24,041)	
Prop84BayAreaIntegRegnlWtrMgmt	Weather Based Irrigation Contr	-	0	0	-	162,955	-	-	(162,955)	
PRP84 TOTAL		-	(6,990)	6,990	-	816,949	14,579	1,942	(881,215)	
Prop50BayAreaIntegRegnlWtrMgmt	Administrative Support	-	(22)	22	-	167	158	(337)	830	
Prop50BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	(3,570)	3,570	-	-	10,038	(1,608)	37,297	
Prop50BayAreaIntegRegnlWtrMgmt	South Bay Advanced Regional RW	-	-	-	-	2,650,961	-	-	(2,650,961)	
PRP50 TOTAL		-	(3,592)	3,592	-	2,651,127	10,196	(1,945)	(2,689,087)	



Bay Area Clean Water Agencies

A Joint Powers Public Agency

Leading the Way to Protect our Bay

May 6, 2013

MEMO TO: Bay Area Clean Water Agencies Executive Board

MEMO FROM: D. Scott Klein, Controller, East Bay Municipal Utility District

SUBJECT: Nine Month 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, 2012 through March 31, 2013** (nine months of Fiscal Year 2012-2013). This report covers expenditures, cash receipts, and cash transfers for the following BACWA funds:

- Bay Area Clean Water Agencies (BACWA),
- BACWA Training Fund (Trng Fnd),
- Air Issues and Regulation Group (AIR),
- Bay Area Pollution Prevention Group (BAPPG),
- BACWA Legal Reserve Fund (Legal Rsrv),
- Water Quality Attainment Strategy (WQA CBC),
- BACWA Operating Reserve Fund (BACWAOpRes),
- Regional Water Recycling (RWR),
- BACWA Reserve (Reserve),
- Water/Wastewater Operator Training (WOT),
- Prop84 Bay Area Integrated Regional Water Mgmt (PRP84),
- WQA Emergency Reserve Fund (WQA Emerg),
- WQA Tech Action Fund (TechAction),
- CBC Operating Reserve Fund (CBC OpRsrv), and
- Prop50 Bay Area Integrated Regional Water Mgmt (PRP50)

Fund Balances as of month end 03/31/13

DESCRIPTION	BEGINNING FUND BALANCE 07/1/12	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 03/31/13	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 03/31/13
BACWA	597,182.02	600,889.78	339,966.58	858,105.22	348,974.98	509,130.24
TRNG FND	247,407.05	621.40	-	248,028.45	-	248,028.45
AIR	3,372.18	78,444.59	30,123.55	51,693.22	53,409.45	(1,716.23)
BAPPG	41,498.18	79,622.54	52,731.57	68,389.15	8,097.75	60,291.40
LEGAL RSRV	302,899.56	760.78	-	303,660.34	-	303,660.34
WQA CBC	214,405.51	449,894.38	233,286.58	431,013.31	199,077.75	231,935.56
BACWAOPRES	152,407.54	382.79	-	152,790.33	-	152,790.33
RWR	16,676.01	41.89	-	16,717.90	-	16,717.90
RESERVE	120,000.00	-	-	120,000.00	-	120,000.00
WOT	67,661.90	146,783.23	80,000.00	134,445.13	-	134,445.13
PRP84	39,115.70	872,499.02	833,582.39	78,032.33	47,632.54	30,399.79
WQA EMERG	403,866.08	1,014.37	-	404,880.45	-	404,880.45
TECHACTION	252,416.30	633.97	-	253,050.27	-	253,050.27
CBC OPRSRV	163,565.93	410.82	-	163,976.75	-	163,976.75
PRP50	167,637.69	2,674,279.02	2,659,401.13	182,515.58	29,685.55	152,830.03
	2,790,112	4,906,279	4,229,092	3,467,298	686,878	2,780,420

BACWA Revenue Report for March 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	
Bay Area Clean Water Agencies	Administrative & General	-	-	-	-	7,341	-	7,341	(7,341)
Bay Area Clean Water Agencies	BDO Member Contributions	420,000	-	90,000	-	-	420,000	420,000	-
Bay Area Clean Water Agencies	BDO Fund Transfers	10,277	-	-	10,277	-	-	12,219	(1,942)
Bay Area Clean Water Agencies	BDO Interest Income	5,000	-	-	-	-	2,329	2,329	2,671
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	159,000	-	-	-	-	159,000	159,000	-
BACWA TOTAL		594,277	-	90,000	10,277	7,341	579,000	600,890	(6,613)
BACWA Training Fund	BDO Interest Income	-	-	-	-	-	-	621	(621)
TRNG FND TOTAL								621	(621)
AIR-Air Issues&Regulation Grp	BDO Member Contributions	78,354	-	6,000	-	-	78,354	78,354	-
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	-	-	-	-	91	(91)
AIR TOTAL		78,354	-	6,000	-	-	78,354	78,445	(91)
BAPPG-BayAreaPollutnPreventGrp	BDO Member Contributions	79,505	-	-	50,000	-	29,505	79,505	-
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	3,079	-	-	-	-	-	118	2,961
BAPPG TOTAL		82,584	-	-	50,000	-	29,505	79,623	2,961
BACWA Legal Reserve Fnd	BDO Interest Income	-	-	-	-	-	-	761	(761)
LEGAL RSRV TOTAL								761	(761)
WQA-WtrQualityAttainmntStraty	BDO Member Contributions	450,000	-	60,000	-	-	449,000	449,000	1,000
WQA-WtrQualityAttainmntStraty	BDO Other Receipts	1,600	-	-	-	-	-	-	-
WQA-WtrQualityAttainmntStraty	BDO Interest Income	451,600	-	60,000	-	-	449,000	894	706
WQA CBC TOTAL				60,000			449,000	449,894	1,706
BACWA OperatingRsrve Fnd	BDO Interest Income	-	-	-	-	-	-	383	(383)
BACWAOPRES TOTAL								383	(383)

BACWA Revenue Report for March 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD		YEAR TO DATE		UNOBLIGATED
			DIRECT	INVOICED	JVS	INVOICED	
Regional Water Recycling	BDO Interest Income	-	-	-	-	42	(42)
RWR TOTAL						42	(42)
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	150,000	-	6,000	-	146,500	3,500
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	-	283	(283)
WOT TOTAL		150,000		6,000		146,500	3,217
Prop84BayAreaIntegRegnWtrMgmt	BDO Interest Income	-	-	-	-	184	(184)
Prop84BayAreaIntegRegnWtrMgmt	Administrative Support	-	-	-	-	71,569	(71,569)
Prop84BayAreaIntegRegnWtrMgmt	Novato North Area Proj.	-	-	-	-	593,750	(593,750)
Prop84BayAreaIntegRegnWtrMgmt	Sears Point Wind & Wtrshd Res	-	-	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnWtrMgmt	Bair Island Restoration	-	-	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnWtrMgmt	South Bay Salt Pond Habitat Re	-	-	-	-	6,667	(6,667)
Prop84BayAreaIntegRegnWtrMgmt	Regional Green Infrastructure	-	-	-	-	24,041	(24,041)
Prop84BayAreaIntegRegnWtrMgmt	Watershed Partnership Technica	-	-	-	-	11,417	(11,417)
Prop84BayAreaIntegRegnWtrMgmt	Stream Restoration w/Schools i	-	-	-	-	149,491	(149,491)
Prop84BayAreaIntegRegnWtrMgmt	Flood Infrastructure Mapping	-	-	-	-	2,047	(2,047)
PRP84 TOTAL						872,315	(872,499)
WQA Emergency Reserve Fnd	BDO Interest Income	-	-	-	-	1,014	(1,014)
WQA EMERG TOTAL						1,014	(1,014)
WQA Tech Action Fund	BDO Interest Income	-	-	-	-	634	(634)
TECHACTION TOTAL						634	(634)
CBC Operating Reserve Fnd	BDO Interest Income	-	-	-	-	411	(411)
CBC OPRESRV TOTAL						411	(411)
Prop50BayAreaIntegRegnWtrMgmt	BDO Interest Income	-	-	-	-	424	(424)
Prop50BayAreaIntegRegnWtrMgmt	South Bay Advanced Regional RW	-	-	-	-	2,673,855	(2,673,855)
PRP50 TOTAL						424	(2,674,279)

BACWA Expense Report for March 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED
			ENC	PV	DA	ENC	PV	DA		
Bay Area Clean Water Agencies	BC-Collections System	25,000	-	-	-	16,652	-	-	25,000	-
Bay Area Clean Water Agencies	BC-Permit Committee	-	-	-	-	367	-	-	13,269	90
Bay Area Clean Water Agencies	BC-Water Recycling Committee	13,359	-	-	-	1,015	-	-	1,515	5,000
Bay Area Clean Water Agencies	BC-Biosolids Committee	25,000	-	-	-	3,960	-	-	25,000	-
Bay Area Clean Water Agencies	BC-InfoShare Groups	7,000	-	-	-	-	-	-	-	7,000
Bay Area Clean Water Agencies	BC-Laboratory Committee	140,000	(5,987)	5,987	-	54,579	(849)	-	144,302	(4,302)
Bay Area Clean Water Agencies	BC-Miscellaneous Committee Sup	2,000	2,167	2,832	-	5,250	-	-	7,419	(5,419)
Bay Area Clean Water Agencies	LS-Regulatory Support	2,000	-	-	-	530	-	-	2,000	-
Bay Area Clean Water Agencies	LS-Executive Board Support	1,000	-	-	-	-	-	-	1,000	-
Bay Area Clean Water Agencies	CAS-CWAA	20,000	-	-	-	-	-	-	5,000	-
Bay Area Clean Water Agencies	CAS-PSSEP	5,000	-	-	-	-	-	-	500	-
Bay Area Clean Water Agencies	CAS-CPSC	500	-	-	-	-	-	-	500	-
Bay Area Clean Water Agencies	CAS-PSI	15,000	-	-	-	-	-	-	15,433	(433)
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	10,720	(888)	888	720	4,427	1,514	(2,285)	11,738	(1,018)
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	3,000	-	-	308	-	-	-	1,837	1,163
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	5,000	-	-	-	-	-	-	2,000	3,000
Bay Area Clean Water Agencies	CAR-Other Communications	50,000	-	-	-	-	-	-	50,000	-
Bay Area Clean Water Agencies	SP-BAPPG Contribution	30,000	-	-	-	-	-	-	37,032	(7,032)
Bay Area Clean Water Agencies	GBS-Contingency	13,000	(81)	81	2,261	512	16,510	(4,478)	9,595	3,405
Bay Area Clean Water Agencies	GBS- Meeting Support	160,000	(16,891)	26,890	-	85,115	-	-	222,669	(62,669)
Bay Area Clean Water Agencies	AS-Executive Director	70,000	(4,512)	4,612	-	44,008	-	-	68,200	1,800
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servc	40,000	-	-	-	16,222	-	-	31,573	8,427
Bay Area Clean Water Agencies	AS-Insurance	4,000	-	-	-	-	-	-	3,860	140
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	-	-	-	-	10,000	-
BACWA TOTAL		658,094	(26,293)	41,291	3,289	256,690	48,816	34,461	688,942	(30,848)
AIR-Air Issues&Regulation Grp	Administrative Support	3,977	-	-	-	-	-	3,977	3,977	-
AIR-Air Issues&Regulation Grp	BDO Contract Expenses	79,556	-	-	-	26,147	-	-	79,556	-
AIR TOTAL		83,533	-	-	-	26,147	-	3,977	83,533	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Fog	14,000	-	-	-	-	8,000	-	8,000	6,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Mercury	-	-	-	-	-	-	-	-	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pesticides	10,000	-	-	-	-	10,000	-	10,000	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Copper	5,000	-	-	-	-	4,833	-	4,833	167
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pharmaceutical	7,499	-	-	-	6,499	2,346	-	8,845	(1,346)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	-	-	-	-	-	-	-	-	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	8,000	-	-	-	5,039	313	-	313	7,687
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	16,539	-	-	-	-	-	-	9,038	7,501
BAPPG-BayAreaPollutnPreventGrp	Administrative Support	3,800	-	-	-	-	-	3,800	3,800	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	19,000	(916)	916	-	11,901	-	-	16,000	3,000
BAPPG TOTAL		83,838	(916)	916	-	23,439	25,492	3,800	60,829	23,009
WQA-WrQualityAttainmntStraty	WQA-CE-Technical Support	525,838	(47,701)	47,701	-	185,561	11,919	(4,644)	365,747	160,091
WQA-WrQualityAttainmntStraty	WQA-CE-Collaborations & Sponso	65,000	-	-	-	-	15,000	-	15,000	50,000
WQA-WrQualityAttainmntStraty	WQA-CE-Commun. & Reporting	26,000	-	-	-	-	-	-	6,000	20,000
WQA-WrQualityAttainmntStraty	WQA-CE-Other	45,000	-	-	-	10,454	14,996	-	45,617	(617)
WQA CBC TOTAL		661,838	(47,701)	47,701	-	196,015	41,915	(4,644)	432,364	229,474

BACWA Expense Report for March 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			JV	OBLIGATED	UNOBLIGATED
			ENC	PV	DA	ENC	PV	DA			
WOT - WrtWtr Operat Training	Administrative Support	2,500	-	-	-	-	-	2,500	2,500	-	
WOT - WrtWtr Operat Training	BDO Contract Expenses	158,000	-	-	-	77,500	-	-	77,500	80,500	
WOT TOTAL		160,500	-	-	-	77,500	-	2,500	80,000	80,500	
Prop84Bay/RealIntegRegniWtrMgmt	Administrative Support	-	(112)	112	-	36,204	576	1,942	46,869	(46,869)	
Prop84Bay/RealIntegRegniWtrMgmt	BDO Contract Expenses	-	-	-	-	14,115	-	-	53,600	(53,600)	
Prop84Bay/RealIntegRegniWtrMgmt	Novato North Area Proj.	-	-	-	-	593,750	-	-	593,750	(593,750)	
Prop84Bay/RealIntegRegniWtrMgmt	Regional Green Infrastructure	-	-	-	-	24,041	-	-	24,041	(24,041)	
Prop84Bay/RealIntegRegniWtrMgmt	Weather Based Irrigation Contr	-	-	-	-	162,955	-	-	162,955	(162,955)	
PRP84 TOTAL		-	(112)	112	-	816,949	14,691	1,942	881,215	(881,215)	
Prop50Bay/RealIntegRegniWtrMgmt	Administrative Support	-	(23)	23	-	181	181	(337)	830	(830)	
Prop50Bay/RealIntegRegniWtrMgmt	BDO Contract Expenses	-	-	-	-	10,038	-	(1,808)	37,297	(37,297)	
Prop50Bay/RealIntegRegniWtrMgmt	South Bay Advanced Regional RW	-	-	-	-	2,650,961	-	-	2,650,961	(2,650,961)	
PRP50 TOTAL		-	(23)	23	-	2,651,127	10,219	(1,945)	2,689,087	(2,689,087)	

Report to BACWA Board from AIR Committee (May 23, 2013)

Document Control	Prepared by Jim Sandoval (Project Manager) Reviewed by Randy Schmidt (AIR Committee Co-Chair)
Committee Request for Board Action	<ol style="list-style-type: none"> 1. Review of FY 13/14 Phase 27 estimated budget in preparation for approval in June 2013 2. Review of consultant selection for FY 13/14 Phase 27 professional services in preparation for contract approval in June 2013 3. Review of request for additional AIR Committee professional services support from BACWA's Regulatory Program Manager (RPM)
Committee Agenda Items	None at this time.

Recent Committee Actions:

Regulatory Updates	For the latest air and climate change regulatory updates, and grant opportunities, download the BACWA AIR Committee Issues Matrix at the following web link.
AIR Website	https://bacwa.box.com/s/6q1bsagr38n76v06eq7h

Requests for Board Action:

Fiscal Year 13/14 Phase 27 Estimated Budget	<p>Phase 27 (FY 2013/14) Scope of Work</p> <p>The AIR Committee will continue to condense the vast amount of regulatory news and grant funding opportunities streaming from national, state, and local agencies into bullet points relevant to Bay Area POTWs. Two of the AIR Committee's primary goals in Phase 27 are to continue:</p> <ol style="list-style-type: none"> 1. Promoting stronger relationships with regulatory agencies as proposed regulations develop; in particular with the Bay Area Air Quality Management District (BAAQMD) as they roll out the update to Regulation 2 and review permit applications submitted by several committee members. 2. Providing forums for the exchange of ideas among member POTWs <p>To this end we have integrated relevant field trips into our meetings in recent years. For example, in Phase 26 (FY 2012/13) we held on-site meetings at:</p> <ul style="list-style-type: none"> • SFPUC's Southeast Wastewater Treatment Plant in October 2012 that included a tour of their CAMBI pilot program, digester pilot program and GreaseCycle program. This was an excellent opportunity for SFPUC staff to demonstrate two of the innovative "renewable" programs being piloted and implemented. • BAAQMD's headquarters in San Francisco on March 13th. It was a great opportunity for members to engage directly with five BAAQMD staff who shared their expertise in: <ul style="list-style-type: none"> ✓ Revisions to BAAQMD Regulation 2 (New Source Review Rule new federal PSD requirements; NAAQS for NO₂; PM_{2.5}; GHG Tailoring Rule [PSD & Title V]) ✓ Bay Area PM – attainment vs. non-attainment ✓ Recent EPA amendments to National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) ✓ Proposed BAAQMD Backup Generator Rule ✓ Pending BAAQMD Compost Rule - update
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**Report to BACWA Board from AIR Committee
(May 23, 2013)**

	<p>Anticipated Phase 27 Regulatory Activities</p> <p>During Phase 27, the AIR Committee will track the following regulatory issues, affecting large and small POTWs, and communicate them to members through bi-monthly committee meetings, regular committee-wide emails, the AIR website updated, and the AIR Issues matrix.</p> <ul style="list-style-type: none"> • Revisions to BAAQMD New Source Review and Title V Permitting Programs (i.e., amendments to District Regulation 2 – Rules 1, 2, 4 & 6) • EPA’s proposed revisions to the National Ambient Air Quality Standards for Particle Pollution and impacts from BAAQMD • EPA’s new National emission standards for hazardous air pollutants for RICES • CARB’s Mandatory GHG Reporting & Cap-and-Trade Programs • CARB’s Statewide Portable Equipment Registration Program: (PERP) New Fleet Emission Requirements • Final Federal air toxic standards for industrial, commercial, & institutional boilers & process heaters • CARB’s Stationary Refrigeration Management Program Regulation <p>We will also keep members up to date on the activities of the new CASA Energy Workgroup and the CWCCG and the regulatory and policy issues they focus upon.</p> <p>AIR Committee Membership</p> <p>Solicitations for fiscal year 13/14 AIR Committee membership were distributed April 7, 2013. The response deadline was May 3, 2013. To date, nine membership commitments have been received for a total budget of \$54,000. Assuming all of the current members renew their memberships for fiscal year 13/14, the anticipated budget will be \$78,354. Five percent of the budget supports BACWA overhead. After the overhead deduction is applied, the anticipated budget for the AIR Committee operations is \$74,436.</p>
<p>Recommended Board Action</p>	<p>That the BACWA Board include the AIR Committee operations budget of \$74,436 (after 5% BACWA overhead deduction) on the June 27, 2013 meeting agenda for Board approval.</p>
<p>Consultant Selection for FY 13/14 Phase 27 Professional Services</p>	<p>Solicitations were emailed to consultants for a Statement of Qualifications (SOQ) to support AIR Committee operations for up to three years beginning fiscal year 2013/14. One SOQ was received by CH2M HILL. The AIR Committee co-chairs have reviewed CH2M HILL’s qualifications and determined they are well qualified to continue providing professional services to manage the AIR Committee operations. CH2M HILL’s SOQ is available for review at https://bacwa.box.com/s/6pytw9trjkqjmg1phusw.</p> <p>BACWA will have the option to annually amend the agreement for continued AIR Committee services by CH2M HILL during fiscal years 2014/15 and 2015/16.</p>
<p>Recommended Board Action</p>	<p>That the BACWA Board include approval of an agreement with CH2M HILL to provide professional services to manage the AIR Committee operations during FY 2013/14 (Phase 27) and for up to two additional fiscal years on the June 27, 2013 BACWA meeting agenda for Board approval.</p>
<p>Additional AIR Committee Professional Services Support for FY 13/14</p>	<p>AIR Committee members have requested the following additional services be added to the scope of work of the committee’s consultant.</p> <ol style="list-style-type: none"> 1. Conduct meetings every two months (i.e., six meetings per year instead of quarterly) 2. Preparation of an annual newsletter, which is a valuable air toxics and climate change regulatory compliance summary for BACWA POTWs that can be shared throughout the organizations of member POTWs. <p>Assuming the funds to be raised from AIR Committee memberships will be the same amount in fiscal year 13/14 as they are in the current year (i.e., yielding a net \$74,436 budget),</p>

**Report to BACWA Board from AIR Committee
(May 23, 2013)**

	<p>additional support from the BACWA Regulatory Program Manager would be requested (an estimated \$15,000of in-kind services)to assist CH2M HILL in providing the additional services.</p> <p>Background</p> <p>During the past five fiscal years, BACWA AIR’s budget has progressively shrunk owing to loss of members owing to economic hardship and the shifting of most AB32/climate change related work and funds to the CWCCG. A summary is as follows:</p> <ul style="list-style-type: none"> • FY 08/09 - \$95,187 budget; Key tasks: 3 AIR Committee meetings; annual newsletter; since the CWCCG had not formed yet, CH2M HILL attended and/or advocated at eleven AB32 or air toxics meetings on behalf of BACWA AIR at ARB, BAAQMD & EPA; CH2M HILL led Mandatory Reporting Workshop for BACWA and statewide POTWs • FY 09/10 - \$86,899 budget; Key tasks: 3 Committee meetings; CH2M HILL led BACWA mandatory reporting workshop; annual newsletter • FY 10/11 - \$80,790 budget; Key tasks: 3 Committee meetings; annual newsletter • FY 11/12 - \$80,790 budget; Key tasks: 3 Committee meetings; annual newsletter • FY 12/13 - \$74,436 budget; Key tasks: 4 Committee meetings; <u>no</u> newsletter
<p>Recommended Board Action</p>	<p>That the Board support inclusion of AIR committee support in the RPM FY2014 scope of work (est.\$15,000)</p>

**Next AIR
Committee
Meeting:**

Date: July 17th, 10 am – 1 pm
Venue: CH2M HILL’s Oakland office at 155 Grand Avenue, Oakland, CA 94612

BAPPG Committee Report to BACWA Board

Meeting Date: May 23, 2013
Prepared By: Meg Gale, SFPUC

Project Updates

Project	Update	Completion Date
Multi-Pollutant	The BAPPG Demolition Brochure was finalized and distributed. The brochure educates demolition contractors to carefully remove and properly dispose of hazardous waste from sites. A copy of the brochure is attached. Information is also available on the baywise website: www.baywise.org/demolition .	May 2013
Copper	The Our Water Our World (OWOW) Spanish translation Pool Fact Sheet was finalized. BAPPG is not printing copies, but it is available on the website: ourwaterourworld.org .	April 2013
Emerging Contaminants	BAPPG members recently participated in the Regional Water Board's In-House training on Emerging Contaminants. Karin North and Melody LaBella presented on behalf of the POTW and pollution prevention perspectives.	April 2013

STEP 1 **Inspect!**

Be aware of hazardous wastes that may be in the building infrastructure. Use the checklist inside!

STEP 2 **During removal, protect building residents and demolition staff**

Segregate hazardous wastes from other construction debris. Consider hiring a professional to



segregate the waste. Take precautions: use personal protective equipment and follow removal, storage, and labeling guidelines to protect yourself, building residents, neighbors, and workers from contaminated dust and other potentially harmful releases.



STEP 3 **Dispose of wastes according to law, to limit liability and protect the environment**

Depending on the substance, you may need to dispose of the material in accordance with state and federal hazardous waste disposal laws. If hazardous wastes are simply disposed of with other construction debris, they can be released into the environment at the construction site, during transit, or even eventually from the landfill site. Willful or negligent violation of hazardous waste laws can result in civil or criminal penalties.

For further details, see

www.baywise.org/demolition



**BAY AREA POLLUTION
PREVENTION GROUP**

Disclaimer: This brochure presents a brief overview only. Nothing in this document relieves the person conducting the demolition and property owner from responsibility for compliance with federal, state, and local laws and regulations.



**For Safety's Sake,
Take Out
Hazardous Wastes First!**



- Ensure worker and occupant safety
- Comply with state and federal hazardous waste regulations
- Avoid future liability
- Protect the environment

Chemically treated wood



Ceilings



© InspectAPedia.com

Floors



Fluorescent tubes



Wall thermostats



Light ballasts



Lead paint



© InspectAPedia.com

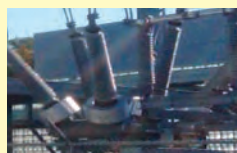


Caulk and sealants



© InspectAPedia.com

High-voltage electrical equipment



Inspect

Take steps to ensure safe removal and appropriate disposal

CHECK ALL BUILDINGS

...for these potential health hazards:

Chemically treated wood

(typically in contact with water or soil, including pressure-treated lumber, creosote-treated railroad ties, and chromate-copper-arsenate treated wood)

Arsenic, chromium, copper, creosote, and/or pentachlorophenol: These chemicals are known to be toxic or carcinogenic. Harmful exposure to these chemicals may result from dermal contact with the wood waste, or from inhalation or ingestion of particles (e.g. sawdust). Segregate treated wood waste from other demolition waste. Do not burn or scavenge. Follow storage, labeling, transport and disposal requirements developed by DTSC, details of which are found at baywise.org/demolition.

Widespread

(cement-based insulation sheets, shingles, and pipes; blanket or tape insulation on furnaces, water heaters, and ducts; ceiling panels, tiles, and texture; vinyl floor tiles, sheets, and backing; roof shingles and mastic)

ASBESTOS: When asbestos-containing building materials are damaged or disturbed by repair, remodeling, or demolition activities, microscopic fibers can become airborne and can be inhaled into the lungs, where they can cause significant health problems. Hire a certified professional to identify and remove the asbestos-containing materials. Permits and notifications may be required by public health department or local air district. A photo guide of visually recognizable asbestos-containing materials is available at www.inspectapedia.com/sickhouse/asbestoslook.htm.

Lamps and bulbs

(fluorescent tubes and bulbs, high-intensity discharge (HID) bulbs, neon tube signs and lamps)

MERCURY: Take care not to break mercury-containing lamps, thermostats, or other equipment; if broken, mercury vapors may be inhaled by workers and occupants. Mercury is toxic, impacting the central nervous system, kidneys, and other organs. Remove all bulbs, lamps, thermostats and other mercury-laden equipment and materials prior to demolition. Keep items intact so mercury does not escape. Handle as universal (hazardous) waste. For disposal locations, see www.baywise.org/demolition. For medical/vet/dental facilities, schools or industrial locations that used mercury in equipment or materials, notify plumber about the potential of finding mercury in sewer pipes, sumps, or sink traps.

Thermostats and switches

Medical/vet/dental/school

Light ballasts

PCBs / DEHP: PCBs are probable human carcinogens that have a variety of long-term health impacts. Any ballast that does not say "No PCBs" can be expected to contain PCBs. Ballasts manufactured after 1980 or designated "No PCBs" generally fall into two categories: "wet" and "dry." "Wet" contain a dielectric fluid, DEHP, which is a toxic phthalate. Remove ballast from recyclable metal fixture; handle ballast as hazardous waste.

BUILT OR REMODELED PRIOR TO 1980

Lead paint

(any structure built/renovated prior to 1978)

LEAD: Many buildings built prior to 1978 have lead-based paint. The lead from paint, chips and dust can pose serious health threats. This includes dust formed when the paint is dry-scraped, dry-sanded, or heated. Test paint for lead. Hire a professional certified to identify and remove lead paint. Lead-painted wood cannot be salvaged, chipped, or burned. Permits and notifications may be required by public health department or local air district. A photo guide of some examples of lead hazards is available at www.inspectapedia.com/hazmat/leadgeneral.htm.

Caulk and sealants*

High-voltage electrical equipment

PCBs: Pre-1980 caulk may contain PCBs. PCBs may be present in pre-1980 liquid-filled electrical transformers and capacitors in industrial facilities. When PCB-containing materials are disturbed, PCBs can be released into the air and inhaled or cause skin problems due to dermal contact. Air releases can also lead to eventual exposure in local waterways. Hire a professional for testing, removal, and disposal.

**Industrial or institutional structures may have other PCB-containing materials. See www.baywise.org/demolition.*

For further details, see www.baywise.org/demolition

Committee Request for Board Action: None

Highlights of New Items Discussed and Action Items

Update - Changes to SSS WDR Monitoring and Reporting Program

As you may recall, on April 1, 2013, State Water Board staff released a revised draft of the Amended Monitoring and Reporting Program (MRP) of the Sanitary Sewer System (SSS) Waste Discharge Requirements (WDR). A total of 22 comment letters were received. Since that time, CASA/Tri-TAC has been in discussions with various levels of State Water Board staff. The requirement to take photos for sanitary sewer overflows (SSOs) has been removed (instead, it will be a “Best Management Practice”). Requirements for sampling of overflows greater than or equal to 50,000 gallons is also expected to be more practical than the April 1 draft. The final, revised MRP is expected to be signed by Tom Howard (executive director of State Water Board) within the next couple of weeks, and the changes are expected to become effective on July 8.

Committee Holds Panel Discussion with Third Party Suit Survivors

The BACWA Collection Systems Committee held a panel discussion at its May 9 meeting with three distinguished agency staff who provided advice and tips to fellow committee members currently involved with these lawsuits or who may be the target in the future.

SSO Enforcement Actions

At the May 9 committee meeting, members discussed the possibility of alternative enforcement actions to third party lawsuits, using information discussed at the joint BACWA/Regional Water Board staff meeting held earlier in the day. A work group of committee members was formed to work on this issue.

Next Collection System Committee Meeting

Our next meeting will be held on Thursday, June 6, 2013 from 1:30 – 3:00 PM. The location will be the Boy Scouts facility in San Leandro.



Executive Director's Report to the Board

May 2013

NUTRIENTS: Met with the water Board and developed a "strawman" for a watershed permit. The strawman attempted to address the multitude of issues associated with the various POTWs nutrient discharges in a manner that would address the issues of the POTW community as well as the regulators. Key tenets included an exclusion from a cap for smaller POTWs and those that have already moved forward with significant reduction in ammonia loadings to the Bay. Participated in discussions with Water Board staff and the nutrient facilitator in planning for the first meeting of the Nutrient Steering Committee under the proposed new governance structure. Coordinated with JMK consultant on a variety of nutrient related issues.

Met with the SFCWA to discuss them joining the Bay Area collaborative effort with the Water Board on implementing the Nutrient Strategy. Got a very favorable response with SFCWA indicating an interest in joining the soon to be formed Steering Committee under the new governance structure.

BACWA BOARD MEETING: Worked with the AED in preparing for the May monthly BACWA Board including reviewing the agenda with the chair. Attended the April monthly meeting, made presentation on key activities and noted action items requiring follow-up.

JOINT MEETING WITH WATER BOARD: Prepared for and attended the Joint bimonthly meeting with the Water Board. Discussed the WB approach to a nutrient watershed permit and the need to educate the BACWA membership on that approach. Also discussed next steps on an approach to a preemptive enforcement model for SSOs that recognizes the resource limitations of the WB in the development and implementation associated with preemptive enforcement.

ASC/SFEI: Participated in the monthly Executive Committee and Governance Committee conference calls. Developed a plan for recruiting to fill the vacant Executive Director's position.

PERMITS COMMITTEE: Attended the BACWA monthly Permits Committee meeting. Assisted the chair in describing the discussion and outcomes from the recent Joint Meeting with the Water Board on nutrients and other priority issues. Explained the WB's intent to move ahead with a watershed permit and the need for the BACWA membership to understand and participate in the effort. Announced a Workshop will be scheduled for the BACWA membership.

MONTHLY BULLETIN: Worked with RPM and AED to prepare and post the BACWA monthly bulletin.

WCA PERMIT: Worked with the Board and Permits Committee to develop a position on the WCA permit renewal. BACWA was able to have included in the permit a recognition of the regulatory rationale for ammonia limits based on the need to not increase loadings to the Bay vs. being solely tied to the rationale of anti-backsliding. Attended the WB meeting.

FINANCE: Worked with the Chair and the AED to finalize the FY 14 budget. Followed up on several budget questions and suggestions from the previous discussion of the FY 14 budget at the April Board Meeting. The Draft budget will be presented to the BACWA Board for further discussion at the May meeting. Adoption of the budget will be deferred until June to accommodate regular Board members who will not be attending the May meeting.

ORGANIZATIONAL EFFORTS: Coordinated with outside consultant on upgrading the BACWA email and calendar functions.

SFPUC PRESENTATION: Made a presentation to staff at the SFPUC on the nutrient regulatory issues and direction that BACWA was taking to work collaboratively with the regulators in addressing the outstanding scientific questions. Noted that significant funding would be needed in future years to undertake the scientific investigations which were needed to avoid a simplistic, capital intensive approach to development of regulations.

ADMISTRATION: signed off on invoices, reviewed correspondence, prepared for upcoming Board meeting, responded to inquiries on BACWA efforts, and provided general direction to BACWA staff.

SAC REGIONAL: Met with Sac Regional on their interests in participating in the Bay Area Nutrient Strategy. Discussed the differences in the interests of the Delta stakeholders and those in the Bay Area and the views on the approach Sac Regional took towards the permit renewal. No specific commitments were made regarding Sac Regional's involvement in funding efforts in the Bay Area. Sac Regional indicated they would continue to monitor the collaborative process engaged in between Region 2 and BACWA.

MISCELLANEOUS MEETINGS/CALLS:

- David Senn on several nutrient issues
- coordinated with CASA on AB 371 (Kern County biosolids)
- Brian Campbell on Prop 50 and Prop 84
- coordinated with Athena Honore regarding the Bay Protection and Behavior Change
- participated in conference call with City of Sunnyvale to address concerns raised with respect to the strawman watershed permit

Attachments:

- 1) Status on Action Items from April 15, 2013 BACWA Executive Board Meeting
- 2) BACWA Board Calendar (outline of upcoming meeting agenda items) - BODCAL

**April 15, 2013 BACWA Board Meeting
Action Items**

Subject (Lead)	Task	Deadline	Status
Permit Compliance Report (RPM)	Add to May meeting agenda for discussion.	5/23/2013	Completed (on 5/23 agenda)
FY 2013-14 BACWA/CBC Budget (ED/AED) (Recycled Water Committee Chair) (Mike Barnes) (BAPPG reps) (AIR co-Chairs) (ED/RPM) (ED/Tom Hall/ Mike Connor) (Curt Swanson/ Greg Baatrup)	Revise and include on May Board meeting agenda for discussion. Obtain additional information for the Board on the following: Provide specifics for Recycled Water projects/program proposal. InfoShare Group summary of efforts and accomplishments in 2012-13. Information on PSI and CPSC. Provide specifics on AIR request for BACWA funding. Proposal for RPM support to committees. Recommendation for proposed SFEI ERS Transition support services. Finance representatives' feedback on BACWA Sewer Rate Survey.	5/23/2013	Completed (on 5/23 agenda)
Triennial Review (Permits Committee Chair)	Include discussion of Triennial Review strategy on upcoming Permits Committee meeting agenda.		Pending
SFEI Nutrient Strategy Development (ED/David Senn)	Revise proposal for BACWA 2014 funding to incorporate Board feedback and circulate revised version to Board for review.	5/23/2013	Completed (on 5/23 agenda)
Nutrients Governance Development (ED)	Work with Naomi Feger to obtain revised scope from facilitator and circulate to Board for feedback.		Completed
Nutrients Permit Concept (Jim Kelly)	Obtain feedback on proposed watershed permit requirements via conference call with Board meeting attendees who have expressed interest, and by presenting to the Permits Committee on 5/14.	5/14/2013	Completed
Nutrients White Paper and Position Paper (Board/ED/Jim Kelly)	The Board will send revision suggestions to Jim Kelly. Once revised, Jim and the ED will consider presenting to the Permits Committee.	5/14/2013	Completed
SSO Enforcement Options (ED)	Add to Joint meeting agenda for discussion.	5/23/2013	Completed

Action Items Remaining from Previous BACWA Executive Board Meetings

Subject (Lead)	Task	Deadline	Status
Pre-Treatment Workgroup (Permits Committee Chair)	Work with Permits Committee to investigate formation of pre-treatment workgroup.	4/15/2013	pending
Weights and Measures FOG Manifest Regulations (Permits Committee Chair)	Work with the Permits Committee and Greg Kester to investigate issue of proposed regulations to FOG manifests.	4/15/2013	pending
Pardee 2014 (ED)	Discuss with Tom Mumley consideration of alternate venue.	5/23/13	completed
Consultant Technical Seminar on Nutrients (ED/Ben Horenstein)	Work with Carollo to develop draft Nutrients Workshop agenda to present to the Board for review.	5/23/2013	Pending
Collaboration/Sponsorship Funding (Board)	Review draft criteria and provide feedback to ED. Continue discussions at April Board meeting.	4/15/13	Completed (on 5/23 agenda)
Policies and Procedures Update (ED)	Update as time permits beginning with Contracting Policy.	5/23/2013	Pending
Alternate Board Meeting Locations (Board)	Provide suggestions to ED for alternate meeting locations.	5/23/2013	Completed (on 5/23 agenda)
Nutrients – Sac Regional (ED)	Include discussion of Amicus Brief Filing on upcoming Board meeting agenda.	3/28/2013	Completed (on 5/23 agenda)
PCB Watershed Permit (Tim Potter)	Continue discussions with Lila Tang regarding P2 requirement.	3/22/2013	Pending
Nutrient Web Page (AED)	Create Nutrient webpage on BACWA website to provide links to Nutrient documents.	5/23/2013	Completed

Board Calendar thru Dec 2013

As of Tuesday, May 21, 2013 at 1:22 PM

DATE	ASSIGNMENT	STATUS NOTES
5/23/2013 Monthly Board Mtg Items due: 5/16 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)	5 m <i>plus previous month (Feb2013)</i> 40m
	<u>Other Business: Authorizations</u>	
	<u>Other Business: Discussions</u> 2014 BACWA/CBC Budget (AED/ED) Joint Meeting Follow Up Sac Regional Amicus Brief Filing (ED) Alternate Board Meeting Locations (ED) Nutrients – DSenn Workplan/Budget (DSenn) Nutrients – subembayment boundary issue in DSenn workplan (L. Pagano) Jim McGrath annual attendance? (ED) Collaboration and Funding Criteria (ED) BAPPG Triclosan Comment Letter (BAPPG) Pardee 2013 Date Confirmation (ED) Reschedule/Cancel Aug 2013 Board Meeting (ED)	
6/27/2013 Monthly Board Mtg Items due: 6/20 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)	5m 40m
	<u>Other Business: Authorizations</u> Consultant Contracts FY2013-14 (AED) FY 2012-13 Contracts Time Extension Amendments (AED) Chair / Vice Chair Nomination & Election (Board/AED) AIR Budget & Workplan FY2013-14 (AIR CMTE) BAPPG Budget & Workplan FY2013-14 (BAPPG)	
	<u>Other Business: Discussions</u> Policies and Procedures Update – Contracting Policy (AED/ED) Consultant Technical Seminar on Nutrients (ED/BHorenstein)	
7/25/2013 Monthly Board Mtg Items due: 7/18 Connor; Pagano;	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) <u>Reports</u> Committee Reports (Committee Chairs)	

DATE	ASSIGNMENT	STATUS NOTES
Horenstein; Ervin; Swanson Williams; Fono; Gunnell	Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED) Other Business: Authorizations Board Meeting Calendar for Jan-Dec 2014 (AED) Other Business: Discussions	
8/22/2013 Monthly Board Mtg Items due: 8/15 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	Consent Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) Reports Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED) Other Business: Authorizations Other Business: Discussions Pardee Technical Seminar Planning (ED) Arleen Navarret Award - Solicitation (AED) BAPPG Annual Prioritization/Planning (A. Roa) ReNUWIt Update (B. Horenstein/ M. Connor)	
9/26/2013 Monthly Board Mtg Items due: 9/19 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	Consent Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) Reports Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED) Other Business: Authorizations Other Business: Discussions Pardee Technical Seminar Planning (ED) Arleen Navarret Award - Selection Process (AED) Annual Member Meeting January 2014 (ED) Regulatory Issue Matrix Update Frequency (RPM/ED) FOG White Paper (Yerrapotu/Horenstein)	5m 40m
10/23 – 10/25 Pardee Technical Seminar Items due: 10/16 Connor; Pagano; Horenstein; Ervin; Swanson Williams	Consent NONE Reports Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Other Business: Authorizations NONE Other Business: Discussions Finance - Consideration of restructuring BACWA Special Programs Finance – Reserve Funds Finance – Member Dues Structure	No Board Actions Permitted No Board Actions Permitted
11/22/2013 Monthly Board Mtg Items due: 11/15	Consent Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) Annual Audit Report (EBMUD Accounting)	10 m plus previous month (Sept2013) plus previous month (Aug2013)

DATE	ASSIGNMENT	STATUS NOTES
Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	<u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)	40m
	<u>Other Business: Authorizations</u>	
	<u>Other Business: Discussions</u> Arleen Navarret Award - Recipient (AED) Annual Member Meeting January 2014 (ED)	
12/20/2013 Monthly Board Mtg Items due: 12/13 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)	5m
	<u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)	40m
	<u>Other Business: Authorizations</u>	
	<u>Other Business: Discussions</u> Annual Member Meeting January 2014 (ED) Budget Planning for 2014-15	

CURRENTLY UNSCHEDULED AND SIGNIFICANT

- Approval of Annual Report FY12 & FY13
- Defining BACWA Priorities/Revisit Strategic Plan
- BACWA Membership Engagement Opportunities
- Tech Seminar/Workshop: CCCSD Cogen explosion, SFPUC force main leak and repair, and BACWA member pilot plants.
- Volumetric Pricing
- Chlorine Residual Analyzer Investigation

UPCOMING UNSCHEDULED FOR 2014

- Finance Committee (Mike Connor / Laura Pagano): BACWA/CBC Budget & Workplan FY 2014-15

BOARD COMMITTEES WITH NO MEETINGS CURRENTLY SCHEDULED

- Ad Hoc Conflict of Interest Committee (Mike Connor / Laura Pagano)



DRAFT PLAN FOR TOXICITY ASSESSMENT AND CONTROL: Participated in call with CASA and WSPA to determine next steps for proposal to phase enforcement under the Toxicity Plan. Since WSPA and many POTWs don't want to go to immediate monthly chronic testing using the TST upon Toxicity Plan adoption, this will not be part of the phasing proposal. The risk of this approach is that without additional volunteers, after a three-year phase-in of enforcement, there will be only 30 percent of the data that would be generated if all permittees switched to monthly testing with the TST. This data could be used as evidence if the Toxicity Plan needs to be amended, so the case would be less compelling. Scheduled meeting with Lila Tang to discuss proposal on how to deal with instream waste concentration (IWC) under the new Plan. In a discussion with Bill Johnson, he expressed concerns about protected species should shallow dischargers be granted full dilution.

COMPOUNDS OF EMERGING CONCERN (CECs): Pulse of the Estuary article on CEC management is complete and was submitted to reviewers at SFEI.

STATE BOARD REALIGNMENT: Called into meeting with State Board Staff on 5/13. Discussed different proposals. Tom Mumley attended, and expressed concerns about staff time needed to implement proposals, but didn't oppose initiative. Also discussed items that would be illegal under federal regulations, or would trigger pushback from other stakeholders. Next steps are to fully develop proposals.

MERCURY/PCBs RISK REDUCTION: Informational item on the progress of Statewide mercury initiatives presented to State Board on 4/23. Staff reported the successes of the San Francisco Bay Mercury TMDL. There was a discussion that the Department of Public Health does not have funding for future risk reduction activities, and the future of the program is uncertain.

WEST COUNTY AGENCY TENTATIVE ORDER: Worked with Regional Water Board staff to amend the language in the permit citing antibacksliding for the ammonia limits. Worked with ED on comments to present at Board meeting, although Executive Board ultimately decided not to comment on the permit. Another item that was amended at the last minute due to BayKeeper comments was that the Regional Water Board removed from the TO the proposed protection from violating permit limits when the agency accepts stormwater from a diversion project.

BACWA BULLETIN: Drafted and distributed May BACWA Bulletin.

SELENIUM CRITERIA AND TMDL: Meeting on 5/22 at CCCSD's Concord Facility will cover EPA's latest work developing Selenium criteria, as well as studies Tetra Tech conducted for the North Bay Selenium TMDL.

MEMBER AGENCIES COMPLIANCE SUMMARY: Put together compliance summary for effluent quality and SSOs in Calendar Year 2012 for April Board meeting, but item was deferred to May meeting. There is a fairly low number of self-reported effluent quality violations.

BLENDING NO FEASIBLE ALTERNATIVE ANALYSES (NFAA) – US 8th Circuit Court of Appeals ruled that EPA Guidance can not be use as de facto promulgated rule. This strikes down the basis for Regional Water Board's NFAAs required in permits with blending. Request Board direction on how to approach the Regional Water Board with this item. Should we bring it up during the public comment period at a Board Hearing?

PROPOSED BUDGET FOR FY2013/2014 – Delivered estimated RPM budget to ED.

MEETINGS ATTENDED: Recycled Water Committee Meeting (5/1), Regional Water Board Meeting (5/8), Joint BACWA/Regional Water Board Meeting (5/9), Toxicity Phasing Proposal Conference Call with WSPA/CASA (5/10), State Board Realignment Conference Call (5/13), Permits Committee (5/14).



BACWA CHAIR / EXECUTIVE DIRECTOR AUTHORIZATION REQUEST

FILE NO.: 12,950

DATE: May 8, 2013

TITLE: Linde Group for BACWA Email Migration

RECOMMENDED ACTION

Executive Director authorization for an agreement with Linde Group in an amount not to exceed \$4,999.99 for BACWA E-mail Migration funded by BACWA FY 2012-13 budget to be completed by June 30, 2013.

SUMMARY

This contract will provide IT support services to update BACWA's e-mail platform from the current POP server configuration to Microsoft 365. The current e-mail system is outdated and this work will provide better storage, backup, and multi-device syncing of e-mails and contacts.

FISCAL IMPACT

This will be funded by the BACWA, Communications and Reporting – Other, FY 2012-13 budget line item.

ALTERNATIVES

No other alternatives were considered as the BACWA contracting policies authorize a sole source selection process for contracts under \$50,000.

Attachments:

1. Contract/Scope/Rate Sheet

SCHEDULE A

DESCRIPTION OF SERVICES

Deliverable:

Migration of approximately 10 standalone IMAP/POP3 accounts to Microsoft Office 365 hosted Exchange, to include planning, migration of existing mail, and end user account configuration.

Linde Group responsibilities:

Pre-cutover:

- Create accounts on Microsoft's mail service
- Configure DNS
- Transfer mail and accounts residing on BACWA's current mail server
- Coordinate cutover date with the current BACWA staff and IT team and/or those authorized to make changes to DNS

Estimated time to completion: 15-16 hours for pre-cutover prep and migration

Post-cutover:

- Configure the preferred mail client for each desktop user
- Provide credentials to facilitate connecting other mail devices including smartphones, tablets and remote users
- Provide documentation to instruct users how to move their current contacts and any local mail to Microsoft's service

Estimated time to completion: 1-1.5 hours per user to configure and troubleshoot new accounts; 10-15 hours total

BACWA responsibilities:

Pre-cutover:

- Provide up-to-date mail server credentials,
 - Provide access to a person with the ability to modify DNS records
 - Update client software in line with Office 365 requirements
- Provide credit card information for continuing billing for Office 365

Post-cutover:

- Make end-users and decision-makers available so that troubleshooting and documentation can be completed without undue delay

Total ***estimated*** consultant hours: 25 – 31 hours (at \$145/hr)

Total estimated project management hours: 2-3 hours (at \$125/hr)

This is a Time and Materials estimate of work to be performed and does not constitute a fixed-price bid.

Client will be charged for work actually performed.



BACWA CHAIR / EXECUTIVE DIRECTOR AUTHORIZATION REQUEST

FILE NO.: 12,951

DATE: May 15, 2013

TITLE: O'Rorke, Inc for BAPPG Disposable Wipes Outreach Campaign

RECOMMENDED ACTION

Executive Director authorization for an agreement with O'Rorke, Inc. in an amount not to exceed \$4,999.00 for BAPPG disposable wipes campaign funded by BAPPG FY 2012-13 budget; a one-time expenditure to be completed by June 30, 2013.

SUMMARY

Most consumer wipes products (labeled flushable or not) take much more time to disperse in water than toilet paper, which has caused issues for many POTWs in the Bay Area, including damage to pumping station equipment, grinders and other infrastructure, stoppages and even sanitary sewer overflows. For example, in 2011, more than 30% of Central Contra Costa Sanitary District's (CCCSD) overflows were caused by consumer wipes. This is also a safety issue for pump station employees that have suffered needle sticks from "deragging" pumps clogged with wipes.

As part of a multi-pronged approach on this issue, which includes collaborating with NACWA and WEF on efforts to deal with the woven fabrics industry association (INDA) and supporting proposed legislation, the BAPPG Steering Committee is recommending this campaign to incorporate an outreach component seeking behavior change on a regional basis.

This contract will provide outreach support for the Bay Area Pollution Prevention Group to conduct a regional campaign encouraging the public not to flush disposal wipes. The campaign will be comprised of online Facebook ads and Bay Area News Group banner ads for a period of 2-3 weeks (depending on media cost at the time of the campaign). This approach is being recommended, because it has been found to be the most cost-effective for making the largest number of impressions, based on previous BAPPG campaigns.

This work will be carried out under the supervision of Melody LaBella (CCCSD).

FISCAL IMPACT

This will be funded by the BAPPG, Emerging Issues FY 2012-13 budget line item.

ALTERNATIVES

No other alternatives were considered as the BACWA contracting policies authorize a sole source selection process for contracts under \$50,000.

Attachments: 12,951 O'Rorke BAPPG 2012-13

**Scope of Work
Wipes Campaign**

O'Rorke, Inc. will conduct a regional online campaign for BAPPG, which will include development of 2-3 banner ads for use on Facebook and 3-4 different Bay Area News Group (BANG) sites. O'Rorke will monitor the ads and report back campaign statistics to BAPPG's project manager.

O'Rorke services	\$1,000
O'Rorke design of 2-3 banner ads	\$750
Facebook advertising budget	\$999
BANG online ads (3-4 different sites) for 2 weeks	<u>\$2,250</u>

Total contract = \$4,999



BACWA CHAIR / EXECUTIVE DIRECTOR AUTHORIZATION REQUEST

FILE NO.: 12,952

DATE: May 20, 2013

TITLE: James M. Kelly Contract for Nutrients As Needed Technical Support

RECOMMENDED ACTION

Executive Board Chair authorization for an agreement with James M. Kelly Engineering in an amount not to exceed \$4,999.00 for as needed technical support with nutrients regulatory issues to be completed by December 31, 2013.

SUMMARY

This contract will allow James M. Kelly to provide technical support services related to nutrient regulatory issues to BACWA on an as needed basis at a rate of \$100.00/hour. This work will be carried out under the supervision of the BACWA Executive Director or Executive Board designated representative.

FISCAL IMPACT

This item will be funded by the WQAS Technical Support FY 2012-13 Budget line item

ALTERNATIVES

No other alternatives were considered as the BACWA contracting policies authorize a sole source selection process for contracts under \$50,000.

Attachments:

1. 12,952 JKelly Nutrients 12-13

BACWA

	<u>Projected for 6/2013</u>	<u>2014 DRAFT Budget</u>	<u>Notes</u>
REVENUES	605,492	622,000	
Principals' Contributions	420,000	450,000	\$30K increase (EBMUD back to \$90K)
Assoc. & Aff. Contributions	159,000	159,000	No Change
Fund Transfer	16,151	10,000	Special Program Admin Fees (5% of AIR & BAPPG Budget) (\$2,500 from WOT) 2013 Projected includes 2012 carryforward
Interest Income	3,000	3,000	In 2013: \$5K budgeted but only \$3K projected
EXPENSES	662,631	620,620	
BACWA Committees	214,374	191,000	
Collections System	25,000	26,000	\$1K increase for venue rental; \$12K meeting admin; \$13K for as dedeed regulatory tracking/analysis/reporting
Permit Committee	0	0	no change; continue RPM support
Water Recycling Committee	13,359	10,000	Committee is requesting funds for: Salt/Nutrient Management Template (\$10K); Prop84 (\$10K RPM); Consultant Committee Support (RPM?WBA carryforward) In 2013: \$10K budgeted and projected for IRWMP Update. 2013 Projected includes 2012 carryforward of \$3K
Biosolids Committee	6,015	5,000	no change; WEF Biosolids Conference attendance 2013 Projected includes 2012 carryforward of \$1K
InfoShare Groups	25,000	25,000	no change; support for Operations, Maintenance, Engineering Info Share Groups (\$21K meeting admin; \$4K for as needed regulatory tracking/analysis/response)
Laboratory Committee	5,000	5,000	no change; Pitcon Conference attendance
Miscellaneous Tech & Admin Support	140,000	120,000	
<i>IRWMP Update</i>	<i>40,000</i>	<i>0</i>	2013 contract balance will carryforward to complete project
<i>Regulatory Program Mgr</i>	<i>100,000</i>	<i>120,000</i>	\$20K increase to increase support for nutrient strategy implementation and support for AIR and Recycled Water committees
Legal Support	8,000	4,000	
Regulatory Support	6,000	2,000	no change; 2013 projected to exceed 2013 budget by \$4K due to permit dismissal assistance
Executive Board Support	2,000	2,000	no change
Collaboratives and Sponsorships	36,500	21,500	
CWAA (US Water Alliance)	1,000	0	\$1K decrease; discontinue annual contribution every other year; 20K authorized in FY 2012-13 for Fall 2013 conference
State of the Estuary	20,000	0	
A. Navarret Award		1,000	every other year; funded by contingency in 2012 no change, continue? In 2013: funded by CBC ontgency, includes \$5K carryforward from 2012
FWQC (Fred Andes)		5,000	
CPSC (Ca Product Stewardship Council)	5,000	5,000	continue?
PSI (Product Stewardship Institute)	500	500	continue?
Stanford ERC (ReNUWit)	10,000	10,000	no change; annual contribution

	<u>Projected for 6/2013</u>	<u>2014 DRAFT Budget</u>	<u>Notes</u>
Communications and Reporting	27,514	13,020	
Annual Report	15,000	5,000	\$10K decrease; web only version; ED/RPM to write; funds available for limited hard copy production
Website Development/Maintenance	12,320	7,820	
<i>web host</i>		600	600 no change
<i>cloud file storage</i>		720	720 no change
<i>web editing</i>	8,000	5,000	\$3K decrease; funds to be used for investigating improvements to website
<i>web tech</i>	3,000	1,500	no change; 2013 Projected to exceed 2013 budget by \$1,500 due to ED transition assistance
Other Communications	194	200	
<i>newsletter application</i>		194	200 \$1,800 decrease (adjusted for actual subscription cost)
Special Programs	50,000	50,000	
Contribution to BAPPG	50,000	50,000	no change; see BAPPG workplan
General BACWA Support	46,744	44,100	
Contingency	38,032	31,100	5% of revenue; 2013 Projected to exceed 2013 budget by \$7K due to ED transition support
<i>ED Recruitment</i>		31,032	0 no expected expense in 2014
<i>WEF - Layperson's Guide</i>		6,000	0 one-time expense of \$6K in 2013
Meeting Support	8,712	13,000	
<i>EB Meetings</i>		1,000	1,000 no change
<i>Annual Meeting</i>		1,546	7,000 no change. In 2013: \$7K budgeted but only \$1,500 projected due to shorter meeting/decreased catering cost
<i>Pardee</i>		4,366	5,000 no change
<i>Misc.</i>		1,800	0 \$1K meeting venue rental cost moved to Collection Systems Cmte budget
Administrative Support	279,499	297,000	
Executive Director	164,439	175,000	\$15K increase over 2013 budgeted; ED compensation flat. 2013 Projected to exceed 2013 budget by \$4K due to ED transition
Assistant Executive Director	68,200	75,000	\$5K increase; In 2013: 70K budgeted, but \$68K projected, remaining \$2K allocated to Prop50/84 admin support; AED compensation flat from 2010-2013.
EBMUD Financial Service & Audit	40,000	40,000	no change
Administrative Expenses	3,000	3,000	no change; covers out of pocket expenses
Insurance	3,860	4,000	no change
Reserve Transfer	(57,139)	1,380	fund transfer to / from reserves to balance budget
TOTAL	0	0	revenue - expenses

	<u>Projected for 6/2013</u>	<u>2014 DRAFT Budget</u>	<u>Notes</u>
CBC			
REVENUES	590,928	676,000	
CBC contributions	449,000	675,000	50% increase dues for Principals, Associates, Affiliates
CBC Interest/ Misc	1,000	1,000	In 2013: \$1,600 budgeted but only \$1K projected
EXPENSES	400,749	864,800	
Technical Support	354,749	795,000	
Nutrients	349,799	750,000	estimated at \$600K; actual to be determined by line items below
<i>Nutrients - consultant tech support</i>	19,256	30,000	for modeling tech support. In 2013: \$19,256 projected funded by carryforward from 2012
<i>Nutrients - SFEI</i>	282,974	675,000	for completion of decision tree studies. In 2013: \$175K budgeted; \$100K carryforward from 2012
<i>Nutrients Sac Permit</i>	0	10,000	regulatory legal support
<i>Nutrients Sampling Plan</i>		0	
<i>Nutrients - consultant tech support</i>	35,650	20,000	regulatory strategy support. In 2013: \$20K budgeted but \$35K projected due to permit concept development
<i>Nutrients - consultant tech support</i>	\$5K; and \$10K funded by BACWA ED line item	15,000	for as needed tech support. In 2013: \$10K funded by BACWA ED line item
<i>Nutrients - Collaboration Strategy Dev</i>	11,919	0	one-time expense of \$12K in 2013
ERS Transition - SFEI	0	0	\$10K carryforward from 2012-13, to be used as needed for future queries
Selenium	0	20,000	criteria review
PCBs	0	0	In 2013: \$15K budgeted, but \$0 spent because work was funded by RPM contract
Whole Effluent Toxicity	4,950	10,000	In 2013: \$30K budgeted, only \$4,950 spent because some work was funded by RPM contract
Risk Reduction	0	15,000	confirm annual requirement?
Collaborations & Sponsorships	25,000	30,000	
CWCCG	0	15,000	\$35K decrease based on CASA request. In 2013: \$50K budgeted but \$0 projected. CASA predicts costs for 2014 and beyond at \$25K.
Pesticide Support (CASA/TDC/K. Moran)	15,000	15,000	no change; Pyrethroid Work Group contract managed by CASA; previously "Chemicals of Concern"
Commun. & Reporting	6,000	6,000	
Hg Emissions Report	0	0	In 2013: \$20K budgeted but \$0 projected because group report is no longer required.
Rate database	6,000	6,000	?; investigating use of existing member agencies' rate comparisons in lieu of maintaining BACWA's own rate database.
Contingency	15,000	33,800	5% of revenue
Other - As Needed Tech Support	15,000	0	In 2013: \$45K budgeted, but only \$15K projected because some work was funded by CBC tech support line item
Reserve Transfer	190,179	(188,800)	\$188,800 transfer from reserves to balance budget. In 2013: projected \$190K remaining unspent.
TOTAL	0	0	

BACWA Recycled Water Committee Proposed Budget and Tasks for FY 2013-14

The BACWA Recycled Water Committee is requesting a total of \$20,000 for FY 2013-14. The funds will support four primary tasks: 1) Salt and Nutrient Management Plan Template; 2) Proposition 84 – Round 3 Grant Funding; and 3) Committee support. All three tasks will require consultant assistance.

Salt and Nutrient Management Plan Template

The Committee is requesting \$10,000 for the development of Salt and Nutrient Management Plan Template for BACWA (Bay Area) agencies. The development of Salt and Nutrient Management Plans are required under the California Recycled Water Policy that was adopted by the State Water Resources Control Board in February of 2009. The Policy states that local water and wastewater agencies, along with local salt/nutrient stakeholders, prepare Salt/Nutrient Management Plans for each basin/sub-basin in California by 2012, no later than 2014. The RWQCB - Region 2 has worked with three Bay Area agencies on pilot Salt and Nutrient Management Plans for basins the Board identified as “Priority Basins”. RWQCB staff has indicated that they will not be assisting with the “Non-Priority” basins in the Bay Area. In an effort to assist BACWA agencies in fulfilling this requirement, the Committee would like to develop a Salt and Nutrient Management Plan template.

The Sonoma County Water Agency has begun developing a Salt and Nutrient Management Plan for the Sonoma Valley area, as the area has been designated as a “Priority Basin”. As part of the work, a decision tree is being developed that could be used by the BACWA agencies to complete reports for “Non-priority” basins. The decision tree will include detail on information/documentation needed, and steps to take to complete a plan depending on the nature of each basin. The Committee is asking for funds to take the decision tree and further analyze and develop it into a template for use by agencies in the San Francisco Bay Region.

Benefits

- Being in compliance with a state requirement (noncompliance could affect receiving future project grant or loan funds)
- Collaboration on basin protection and healthy management
- Dialog and with stakeholders; information exchange and potential to develop additional project partnerships

Proposition 84 – Round 3 Grant Funding

The Committee is requesting \$10,000 to assist the Committee with collecting and reviewing recycled water projects, and putting together project information for potential grant funding through Proposition 84, Round 3. The members of the BACWA Recycled Water Committee serve as the Recycled Water/Wastewater Functional Area representatives to the Bay Area Integrated Regional Water Management Plant (BAIRWMP) process. Only projects that are included in the BAIRWMP are eligible to

apply for Proposition 84 grant funding. With consultant assistance, the Committee will review and make recommendations to the BAIRWMP Project Selection Committee for inclusion of various recycled water projects in the list of projects put forth for Proposition 84 funding. In addition, the consultants will provide assistance to the BACWA agencies for putting information together for their grant applications.

Benefits

- Potential grant funds for agencies projects.
- Coordinate and improve water supply reliability, protect water quality, manage flood protection, maintain public health standards, protect habitat and watershed resources, and enhance the overall health of the bay.
- Partner with agencies and other entities to implement regional projects

Administrative and Technical Support

The Committee is not requesting specific funds for administrative and technical support this fiscal year. The Committee plans to amend the current agreement with Whitley Burchett to designate a portion of funds to assist with meeting planning and implementation, and document/report presentation. In addition, the Committee was informed that Lorien Fono (PME) may be able to assist in this capacity as well.

Below is a description of the Committee's FY 2013-14 proposed tasks:

1. Salt/Nutrient Management Plan Template

Develop a template that could be used by Bay Area agencies to complete Salt/Nutrient management Plans by 2014 as required by the CA Recycled Water Policy. The template would be applicable to those basin/sub-basins that have been categorized as "non-priority" by the Regional Water Quality Control Board.

Amount: \$10,000

2. Proposition 84 – Round 3 Grant Funding

Collect and review recycled water project descriptions, and put together agencies' project information for application submittal for potential grant funding through Proposition 84, Round 3.

Amount: \$10,000

3. Committee Support

Committee administrative and technical support that includes general meeting planning, preparation of meeting notes and Committee reports, preparation of reports and other administrative and technical tasks.

Amount: \$0

BACWA Info Sharing Groups

The BACWA Info Sharing Groups consists of three individual groups that strive to meet quarterly to discuss a variety of operations, maintenance, and engineering topics at a level of detail that is not generally available in other meeting forums. In addition, groups provide an opportunity for the attendees to network with peers in each of the categories to open up further lines of communication among agencies.

The Operations Info Sharing Group was formed first around 1999 by several O&M Managers and a key early topic of focus for the group included competitiveness, private sector operations and maintenance, agency experiences in improving performance and cost-effectiveness. Other major topics that the group has discussed have included succession planning, operator age demographics, labor shortages, training programs, hiring strategies, operations management structures, site security strategies and equipment, use of SCADA software for operations management, energy efficiency, alternative energy strategies, flow decreases due to conservation, operations budgets, chemical commodity costs, and energy costs. Last year, a significant topic was discussing the proposed operator certification changes, and developing a group response to the regulations.

The Maintenance Info Sharing Group (also called BAMI) was formed a year after the Operations Info Sharing Group by several Maintenance Managers to focus on maintenance topics. Major topics have included maintenance organization structures, maintenance staffing, use of maintenance planners, maintenance staff training, maintenance staff hiring strategies, use of CMMS, CMMS software, asset management, maintenance performance measurement, use of tablets for maintenance management, energy recovery system maintenance, alternative energy equipment, maintenance budgets, electrical system testing, confined space work, coating system performance, and concrete corrosion protection. In the last year, major topics have included asset management, plant condition assessments, alternative energy, and maintenance staff hiring strategies.

The Engineering Info Sharing Group was formed around 2006 based on the success of the Operations and Maintenance groups. The group was initially facilitated by the BACWA Executive Director, and in 2008 Kennedy/Jenks was retained to facilitate the group. Major topics that the group has discussed include CIP management, development and implementation, master planning, development of a summary of all the CIPs in the Bay Area to review the total value of all CIP projects, review of alternative energy projects and use of PPAs, comparison of bids to review the Bay Area bidding climate, stimulus funding, and GIS usage. Key topics in the past year include asset management, consultant fees as a percentage of construction, and bidding climate.

The groups meet at various agency sites based on the agenda topics, and take advantage of the various sites to review projects of interest. For instance, there have site tours of the FSSD wind turbines, the WCWD solar power project, the EBMUD turbine project, and demonstration of the CMSA use of tablets. The next maintenance meeting will take place at San Jose and will include a tour of the fuel cell project.

Mike Barnes has facilitated the O&M groups since 2000 and the engineering group since 2008.

Draft RPM Budget Estimate 2013-2014 FY

Item	hours	percentage	cost	Notes
<i>Permit Committee Support</i>	72	7%	\$7,920	6 hours per month for meetings and followup items
<i>Recycled Water Committee Support</i>	110	10%	\$12,000	requested \$22,000 less \$10,000 for S/N management plan template, as per discussion at May 1 RW meeting
<i>AIR Committee Support</i>	136	12%	\$15,000	requested additional 15,000 for committee support, annual newsletter and regulatory issues
Tri TAC and liason with statewide agencies	48	4%	\$5,280	4 hours per month, including Resource Alignment followup
Executive Board and Meetings and Reporting	140	13%	\$15,400	12 hrs/ month including Board Meeting followup items, assistance to Board Members, RPM report, budgeting, administration, and Pardee
Toxicity Plan comments and implementation	150	14%	\$16,500	Negotiations with Regional Board on acute/IWC, comments on next draft plan, coordination with BACWA members and statewide agencies, coordinating testing once plan is adopted
Nutrient Watershed Permit	180	17%	\$20,000	Per proposed budget
BACWA Bulletin	72	7%	\$7,920	6 hours per month
Member TO Review and Comment letters	44	4%	\$4,840	4 hours per permit (11 permits up for renewal)
Annual Meeting and Issue Summary	30	3%	\$3,300	Update issues summary 2x per year and post on website
Annual Report	20	2%	\$2,200	
Other Regulatory Issue Support and contingency	88	8%	\$9,640	Issues for the coming year: Selenium, blending, cadmium, enforcement, CECs, risk reduction.
Total			\$120,000	

Bay Area Single Family Residential User Charges (fixed rate per month unless otherwise noted; annual or bimonthly rates converted to monthly)

Period Ending January 31, 2013

Indicate the fee according to the level of service charged for:

Agency	County	Regional System / Subsystem	SFR Rate Effective Date	"Full Service" (WW Treatment & Collection, etc.)	WW Treatment, etc. excluding WW Collection	"Satellite" WW Collection Only	Property Tax/month, other fees, i.e. ad valorem	Winter Water Use (per avg hcf)	Other or Comments	Contact	Last Verified	Number of SFR Connections	SFR Connection Fee	Connection Fee Effective Date
Airport-Larkfield-Wikiup	Sonoma	SCWA	07/01/10	\$ 49.50					Annual Direct charge on the tax roll (\$594.00)		11/9/2009	1,932	\$ 9,500.61	7/1/2010
Alameda (City)	Alameda	EBMUD Special Dist 1	07/01/07			\$ 14.37				Wali Waziri [wwaziri@ci.alameda.ca.us]	8/7/2007		\$ 895.00	
Albany	Alameda	EBMUD Special Dist 1	07/01/10			\$ 27.47			Annual Direct charge on the tax roll (\$329.64)	Randy Leptien [randyleptien@lcc-inc.com]	1/4/2011	3,720	\$ 1,166.00	7/1/2010
Almonte SD	Marin	Sewerage Agency of Southern Marin	07/12/10	\$ 33.33						Bonner Beuhler [PRibKing@aol.com]	8/2/2006	787		
Alto SD	Marin	Sewerage Agency of Southern Marin	07/01/11	43.75						Tom Roberts [tomroberts7@aol.com]	8/2/2006	517		
American Canyon	Napa		03/01/08	\$ 36.79							4/2/2008	4,217	\$ 8,343.00	1/1/2004
Antioch	Contra Costa	Delta Diablo SD	07/01/11		\$ 19.87				DDSD rate adopted 6/8/2011 for FY11/12 City collection system note: plus \$1.89/1000 gal water use	Harris, Theresa U. [theresah@ddsd.org] City: Phil Harrington [pharrington@ci.antioch.ca.us]	2/11/2011	30,255	\$ 5,033.00	7/12/2006
Bay Point	Contra Costa	Delta Diablo SD	07/01/11	\$ 29.17					DDSD rate adopted 6/8/2011 for FY11/12 City collection system note: plus \$1.89/1000 gal water use	Harris, Theresa U. [theresah@ddsd.org]	2/11/2011	4,990	\$ 3,940.00	7/12/2006
Belmont	San Mateo	SBSA	07/01/07					5.00	FY 06-07 residential rates are \$5.00 HCF based on 8.7 monthly HCF usage or \$43.50. FY 07-08 residential rates are at \$5.00 HCF based on 7.4 monthly HCF usage or \$43.50. Usage is based on average of 4 months flow measured between December thru March.	Tom Fil [tfil@belmont.gov]; Brooke Lazzari [blazzari@belmont.gov] 650.595.7436	8/6/2007	8,272	\$ 1,750.00	7/1/2007
Belvedere	Marin	Tiburon SD	07/01/11	\$ 145.66						Robert L. Lynch [rlynch@sanis.org]	2/10/2012	1,126		
Benicia	Solano		07/01/06	\$ 41.33						Chris Tomasik [ctomasik@ci.benicia.ca.us]	1/30/2007	8,227	\$ 7,500.00	10/2005
Berkeley	Alameda	EBMUD Special Dist 1	07/01/06			\$ 23.17			*Average SFR monthly sewer fee=\$23.17; \$41.66/month cap, collected via EBMUD	Yemane, Adadu [AYemane@ci.berkeley.ca.us]	7/2/2008	29,283	\$ 3,636.00	7/1/2005
Bodega Bay PU District	Sonoma									Bodega Bay Utilities 707-875-3332				
Bolinas Community PUD	Sonoma		07/01/05	\$ 48.92						Philip Buchanan [pbuchanan@bcpubd.org]				
Brentwood	Contra Costa			\$ 19.00										
Brisbane	San Mateo		01/01/07	\$ 26.18					This is fixed charge. Use charge is \$1.07 per month for every unit of water usage up to 8 units, then \$2.91 per unit thereafter. Based on average water usage during Nov, Dec, Jan, and Feb of each year. Reported SFR Connections is total residential (includes multi-family).	Matthew Fabry [mfabry@ci.brisbane.ca.us]	5/2/2007	1,499	\$ 2,523.00	8/18/2006
Burbank SD	Santa Clara	San Jose/Santa Clara tributary systems	07/01/06	\$ 22.49	\$ 27.34				Monthly fee includes collection and treatment plant O&M	Karen McDonough [Karen.McDonough@sanjoseca.gov]	7/18/2007			
Burlingame	San Mateo		07/01/08	\$ 72.77					\$8.27 per 1,000 gallons of average water consumption for the billing periods January through April of the years 2006, 2007, and 2008. \$16.54 minimum monthly charge	Rob Mallick [rmallick@burlingame.org]	10/14/2008	9,000	\$ 209.00	7/1/2008
Burlingame Hills SMD	San Mateo		07/01/12	\$ 132.92					Treatment by City of Burlingame	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	436	\$ 3,920.00	1/1/2012
Calistoga	Napa		12/01/11	\$ 56.63						Dan Takasugi [Dtakasugi@ci.calistoga.ca.us] Louise Harrison [LHarrison@ci.calistoga.ca.us]	1/17/2013	1,022	\$ 21,939.01	1/1/2012
Castro Valley SD (CVSan)	Alameda	East Bay Dischargers Authority	07/01/12	\$ 21.66					SSC increase to \$252/yr effective 7-1-11	Janette Stuart [janette@cvsan.org]	7/1/2012	16,000	\$ 11,999.00	7/1/2012
Central Contra Costa SD	Contra Costa		07/02/12	\$ 30.92			\$ 6.00			Earlene Miller [emiller@centralsan.dst.ca.us]	4/23/2012	133,000	\$ 5,797.00	7/2/2012
Central Marin Sanitation Agency (CMSA)	Marin	Central Marin Sanitation Agency	07/01/07		\$ 17.92				The Sewer Connection fee will be \$6450.18 effective 7-1-09 for FY 2009-10. The connection fee includes a \$50/fixture unit with a minimum of \$500. \$1000 inspection fee; and \$4950.18 CMSA Capacity charge.	Jason Dow [jdow@centralmarinsa.org]	7/13/2007	55,515	\$ 4,616.00	
Concord	Contra Costa	Central Contra Costa SD	07/01/11	\$ 27.17					Service area includes City of Clayton & treatment is by CCCSD.	Rodgers, Christina [Christina.Rodgers@ci.concord.ca.us]	8/2/2011	38,748	\$ 4,705.00	7/1/2011
Cotati, City of	Sonoma	Laguna Sub-Regional WW Treatment Plant		\$ 26.46										
County SDs 2-3	Santa Clara	San Jose/Santa Clara tributary systems	07/01/06	\$ 22.50	\$ 22.50				Monthly fee includes collection and treatment plant O&M	Karen McDonough [Karen.McDonough@sanjoseca.gov]	7/18/2007			
Crockett Sanitary Dept.	Contra Costa		07/01/11	\$ 52.67					This Dept. of Crockett CSD replaced Crockett-Valona San. Dist. in 2006. Crockett CSD now has responsibility for the Crockett Sanitary Dept. and the Port Costa Sanitary Dept. (formerly CCCSD #5)	Dale McDonald [manager@town.crockett.ca.us]	1/12/2012	933	\$ 2,425.00	7/1/2004
Crystal Springs CSD	San Mateo		07/01/12	\$ 112.50					Treatment by City of San Mateo, district unincorporated San Mateo County	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	1,534	\$ 3,920.00	1/1/2012
Daly City	San Mateo	North San Mateo County Sanitation Dist.	07/01/07	\$ 36.15				4.82	Winter's month usage (January/February) used to calculate charges. Minimum charge of \$53.82 on new accounts until use.	Cytha Royer [croyer@dalcycity.org] Patrick Sweetland [psweetland@dalcycity.org]	7/18/2011	22,178	\$ 2,600.00	8/25/2003
Duperino SD	Santa Clara	San Jose/Santa Clara tributary systems	07/01/06	\$ 18.00	\$ 21.00				Monthly fee includes collection and treatment plant O&M	Karen McDonough [Karen.McDonough@sanjoseca.gov]	7/18/2007			
Delta Diablo Sanitation Dist	Contra Costa	Delta Diablo SD							See data for satellite systems: Antioch, Bay Point, Pittsburg	Harris, Theresa U. [theresah@ddsd.org]	2/11/2011			

Bay Area Single Family Residential User Charges (fixed rate per month unless otherwise noted; annual or bimonthly rates converted to monthly)

Period Ending January 31, 2013

Indicate the fee according to the level of service charged for:

Agency	County	Regional System / Subsystem	SFR Rate Effective Date	"Full Service" (WW Treatment & Collection, etc.)	WW Treatment, etc. excluding WW Collection	"Satellite" WW Collection Only	Property Tax/month, other fees, i.e. ad valorem	Winter Water Use (per avg hcf)	Other or Comments	Contact	Last Verified	Number of SFR Connections	SFR Connection Fee	Connection Fee Effective Date
Devonshire CSD (San Carlos)	San Mateo	SBSA	07/01/12	\$ 85.42					Treatment by SBSA / collection via agmt City of San Carlos	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	311	\$ 3,920.00	1/1/2012
Dublin-San Ramon SD (DRSRS)	Alameda		07/01/09	\$ 24.54	\$ 19.46				Could you please change our county to Alameda? Only a small portion of our sewer customers are actually in CC county the majority are in Alameda City [per J Archer 11/10/09]	John Archer archer@drsrsd.com	11/9/2009	27,402	\$13,000 Treat	7/1/2008
EBMUD, Special Dist No. 1	Alameda	EBMUD Special Dist 1	07/01/12		\$ 16.94			6.70	Plus \$6.30/month wet weather program fee collected on property tax bill	Richard Lou [rlou@ebmud.com]; Kimm, Dan [dkimm@ebmud.com]	12/14/2012	139,000	\$ 1,235.00	8/10/2009
Edgewood SMD (RWC)	San Mateo	SBSA	07/01/12	\$ 85.42					New district, Treatment SBSA /collection via agmt Redwood City	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	8	Varies	1/1/2012
Emerald Lake SMD - Zone 1 (San Carlos)	San Mateo	SBSA	07/01/12	\$ 96.67					Treatment by SBSA, Collection via agmt San Carlos	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	207	N/A	1/1/2012
Emerald Lake SMD - Zone 2 (RWC)	San Mateo	SBSA	07/01/12	\$ 70.83					Treatment by SBSA, Collection via agmt Redwood City, Connection fee varies: unincorporated = \$24,682 & Redwood City = \$18,650	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	1,490	24,949(uninc) - 18,851 (city)	1/1/2012
Emeryville	Alameda	EBMUD Special Dist 1				\$ 8.00				Maurice Kaufman [mkaufman@ci.emeryville.ca.us]				
Fair Oaks SMD (RWC)	San Mateo	SBSA	07/01/12	\$ 41.67					Treatment by SBSA	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	11,228	\$ 3,920.00	1/1/2012
Fairfield, City	Solano	Fairfield-Suisun SD				\$ 1.80			charge based on \$5.057/m of pipe (FSSD subvention)	Rick Wood [wood@ci.fairfield.ca.us]	1/9/2009	25,158	N/A	
Fairfield-Suisun Sewer Dist	Solano	Fairfield-Suisun SD	07/01/09	\$ 25.49						Marcie Bodeaux [mbodeaux@fssd.com]	8/3/2009		\$ 5,943.00	7/1/2009
Forestville Water Dist-Sewer	Sonoma								Forestville Water District 707-887-1551					
Foster City/Estero MID	San Mateo		07/01/11	\$ 46.05					Rates approved on June 20, 2011 effective July 1, 2011.	Steve Toler [stoler@fostercity.org]; Ray Towne [rtowne@fostercity.org]	1/3/2012	4,600	\$ 2,100.00	7/1/2011
Geyserville	Sonoma	SCWA	07/01/12	\$ 69.75					Annual Direct charge on the tax roll (\$805.00)		7/1/2012	267	\$ 3,356.70	7/1/2012
Gilroy	Santa Clara									Caria Rugh [cruigh@ci.gilroy.ca.us]				
Granada Sanitary District	San Mateo	Sewer Authority Mid-Coastside	07/01/12	33.50						GSDSanitary@comcast.net, Della Comito [dcomito@granada.ca.gov]	7/23/2012	2,244	\$ 4,700.00	7/5/2001
Graton Community Svcs Dist	Sonoma		07/01/12	\$ 131.20					Graton Community Service district 707-824-1282		7/23/2012			
Half Moon Bay	San Mateo	Sewer Authority Mid-Coastside	07/01/12	\$ 37.68				30.80	Winter months usage (Nov/Feb) used to calculate. \$30.80 rate per (hcf) of water use. Minimum charge is \$492.80 or \$41.07/month. On property tax roll	mkysr@ci.half-moon-bay.ca.us	3/19/2012	3,964	\$ 5,135.60	5/3/2011
Harbor Industrial SMD (San Carlos)	San Mateo	SBSA	07/01/12	\$ 27.50					Treatment by SBSA, Collection via agmt City of San Carlos	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	239	\$ 3,920.00	1/1/2012
Hayward	Alameda	East Bay Dischargers Authority	10/01/12	\$ 27.27						Marilyn Mosher [Marilyn.Mosher@hayward-ca.gov]	12/14/2012	27,000	\$ 7,700.00	10/1/2011
Healdsburg	Sonoma			\$ 43.46										
Hercules	Contra Costa			\$ 19.17						Jeff Brown [jbrown@ci.hercules.ca.us]				
Hillsborough	San Mateo		07/01/12	\$ 158.16					FY 12/13 Residential Sewer Rate charged thru Property Tax bill is \$1,898 annually	Marie Bernardo [mbernardo@hillsborough.net]	1/14/2013	3,878	\$ 11,090.00	7/1/2011
Homestead Valley SD	Marin	Sewerage Agency of Southern Marin	07/01/11	47.92						Tom Roberts [tomroberts7@aol.com]	8/2/2006	1,067		
Ironhouse Sanitary District	Contra Costa		07/01/12	\$ 51.50						Susan V. Walde [walde@isd.us.com]	11/5/2012	14,224	\$ 6,688.00	7/1/2011
Kensington Square SMD (RWC)	San Mateo	SBSA	07/01/12	\$ 84.58					Treatment by SBSA	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	74	\$ 3,920.00	1/1/2012
Las Gallinas Valley SD	Marin		07/01/12	\$ 53.50			\$ 5.52			Mark Williams [mwilliams@lgsd.org] Susan McGuire [SMcGuire@lgsd.org]	7/31/2012	9,228	\$ 6,200.00	7/1/2007
Livermore	Alameda		07/01/08	\$ 40.75					Fee includes \$1.05/month for residential lateral program.	Darren Greenwood [dgreenwood@ci.livermore.ca.us]	12/13/2012	23,249	\$ 4,778.19	3/1/2012
Los Altos	Santa Clara		07/01/06	\$ 23.75					If council approves, we are increasing average single family residence rates from currently \$285 per year flat rate to an average of \$456 per year beginning July 1. It is based on average water usage for Jan Feb March, which is then annualized and multiplied by \$3.03 per HCF to arrive at the \$456 per year.	Jim Gustafson [Jim.Gustafson@ci.los-altos.ca.us]	6/22/2006			
Los Altos Hills	Santa Clara		07/01/07	\$ 61.08					Annual rate at \$70.43 per property. Treatment by Palo Alto WWTP. Our sewer rates have increased to \$733.00 per year starting July 2007.	Cyrus Kianpour [ckianpour@losaltoshills.ca.gov]; Debbie Pedro [dpedro@losaltoshills.ca.gov]; Richard Chiu [rchiu@losaltoshills.ca.gov]	4/10/2008		\$ 7,950.00	12/1/2005
Marin City	Marin	SMCSD	07/01/06	\$ 29.06										

Bay Area Single Family Residential User Charges (fixed rate per month unless otherwise noted; annual or bimonthly rates converted to monthly)

Period Ending January 31, 2013

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Agency	County	Regional System / Subsystem	SFR Rate Effective Date	"Full Service" (WW Treatment & Collection, etc.)	WW Treatment, etc. excluding WW Collection	"Satellite" WW Collection Only	Property Tax/month, other fees, i.e. ad valorem	Winter Water Use (per avg hcf)	Other or Comments	Contact	Last Verified	Number of SFR Connections	SFR Connection Fee	Connection Fee Effective Date
Marin SD #2 (Corte Madera)	Marin	Central Marin Sanitation Agency	07/01/11	\$ 41.50					Full Service fixed Sewer User Service Charge collected on Marin Co Property Tax bill for customers paying property taxes or other special taxes or assessments levied against property. Corte Madera Finance Dept bills customers not receiving property tax bills once a yr in Feb for the entire FY. This is the fifth year of the five year stepped increase. The connection fee is comprised of \$2,103 to Marin SD #2 plus \$4,950 to Central Marin SA; 43% of revenues are from Property Taxes.	George Warman [gwarman@ci.corte-madera.ca.us] Barry Hogue [bhogue@ci.corte-madera.ca.us]	10/4/2011	3,579	\$ 7,253.48	7/1/2011
Mill Valley	Marin	Sewerage Agency of Southern Marin	07/01/11	\$ 50.00						City: Bryan Little [blittle@cityofmillvalley.org]	1/3/2012	4,618	\$ 5,000.00	12/5/1988
Millbrae	San Mateo		07/01/09	\$ 37.90				4.46	Use charge added to fixed charge based on average wintertime water usage for months of December, January, February, and March.	Kevin Cesar [kcesar@ci.millbrae.ca.us]; Joseph Wagner [jwagner@ci.millbrae.ca.us]	4/2/2010	5,688	\$ 3,309.36	7/1/2009
Milpitas	Santa Clara	San Jose/Santa Clara tributary systems	07/05/10	\$ 35.47	\$ 35.47				Monthly fee includes collection and treatment plant O&M	Kathleen Phalen (kphalen@ci.milpitas.ca.gov); Paramjit Uppal (puppall@ci.milpitas.ca.gov) (408) 586-	7/17/2010	12,078	\$ 1,908.00	7/15/2003
Montara Water and San Dist	San Mateo	Sewer Authority Mid-Coastside								msd@coastside.net				
Morgan Hill	Santa Clara									Louise Eichhorn (louisee@morganhill.ca.gov)				
Mountain View	Santa Clara									Dave Serge [dave.serge@ci.mtnview.ca.us]				
Mt. View Sanitary District (MVSD)	Contra Costa		07/01/12	\$ 40.96					SFR Connections include Single Family Dwellings (5734), Multi-Family Dwellings (1627), and Apartments (1202)	Sheri L. Riddle (sriddle@mvsd.org)	11/6/2012	8,563	\$ 8,745.00	7/1/2012
Napa SD	Napa		07/01/12	\$ 37.34					Rate on 7/1/12 was increased to \$448.07/year, billing annually on property tax statements. CPI increases in future years. Connection fee is scheduled to increase to \$8,300 per EDU/SRF on 7/1/2013.	Jeff Tucker [jtucker@NapaSan.com]	11/5/2012	23,412	\$ 7,000.00	7/1/2012
Novato SD	Marin		07/01/09	\$ 38.67			\$ 5.37	6.30		Beverly James [bevj@novatosan.com]	1/3/2011	29,073	\$ 8,110.00	7/1/2010
Oak Knoll SMD (RWC)	San Mateo	SBSA	07/01/12	\$ 77.50					Treatment by SBSA, Collection via agrmt Redwood City	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	131	\$ 8,445.00	1/1/2012
Oakland	Alameda	EBMUD Special Dist 1	01/01/12			\$ 29.93			SFD Sewer Connection Fee \$ 600.00 Trench Excavation Fee \$309.00	Allen Law [atlaw@oaklandnet.com]	1/1/2012	92,892	\$ 1,355.20	7/1/2006
Occidental County San Dist	Sonoma	SCWA	07/01/12	\$ 140.17					Annual Direct charge on the tax roll (\$1,400.00)		7/1/2012	71	\$ 2,000.00	7/1/2012
Oro Loma SD	Alameda	East Bay Dischargers Authority	07/01/11	\$ 15.75			\$ -		Existing rate is \$189/year. A \$5/year rate increase is scheduled for July 1, 2013. The District does not collect ad valorem tax revenue.	Jason Warner [jwarner@oroloma.org] Anna Turon [aturon@oroloma.org]	1/3/2012	46,000	\$ 6,555.00	7/1/2007
Pacifica	San Mateo		07/01/06					7.33	\$7,334.88 per 100 cubic feet of water consumption, an increase of 5.677% over the prior year. Minimum rate \$352.80	Gillian Cadgene [cadgene@ci.pacifica.ca.us]; Gillian Cadgene [cadgene@cityofpacifica.org]	12/5/2006			
Palo Alto	Santa Clara		07/01/12	\$ 29.31						Keniston, Eric [Eric.Keniston@CityofPaloAlto.org] 650-329-2386	7/31/2012			
Penngrove San Zone	Sonoma	SCWA	07/01/09	\$ 80.75					Annual Direct charge on the tax roll (\$969.00)		7/1/2012	349	\$ 3,356.70	7/1/2012
Petaluma	Sonoma		01/01/10	\$ 78.21				7.04	Use charge added to fixed charge based on average wintertime water usage. If no information, usage is assumed 9 hcf/month until use record is established. SFR wintertime average use of 9 hcf gives \$47.98/month.	Margaret Orr [morr@ci.petaluma.ca.us]	8/1/2010	17,347	\$ 8,363.00	7/1/2010
Piedmont	Alameda	EBMUD Special Dist 1				\$33.58 - \$60.75			Rates vary within the range given depending upon parcel size	Kouros Iranpour [kiranpour@harris-assoc.com]	10/7/2008	3,800	N/A	
Pinole	Contra Costa		07/01/10	\$ 47.37					Verified rate increase from City's webpage http://www.ci.pinole.ca.us/publicworks/docs/Sewer%20Rate%20Increase%202009.pdf	Mark Adams [madams@ci.pinole.ca.us] pubwks@ci.pinole.ca.us	8/2/2010			
Pittsburg	Contra Costa	Delta Diablo SD	07/01/11		\$ 19.87				DDSD rate adopted 6/8/2011 for FY11/12 City collection system note: plus \$1.89/1000 gal water use	DDSD: Harris, Theresa U. [theresah@ddsdc.org] City: Walter Pease [WPease@ci.pittsburg.ca.us]	2/11/2011	16,709	\$ 5,033.00	7/12/2006
Pleasanton	Alameda		01-01-2012	\$ 69.07	\$ 47.00	\$ 22.07			WW charges include local collection fees and treatment/disposal fees for DSRSD/LAVWMA. WW user rates and connection fees are adjusted based on Consumer Price Index San Francisco, Oakland San Jose region on July 1st of each year.	Abbas Masjedi [amasjedi@ci.pleasanton.ca.us]	2/14/2012	16,500	\$ 14,703.00	2/14/2012
Port Costa Sanitary Dept.	Contra Costa		07/01/12	\$ 144.92					This Dept. of Crockett CSD replaced CCCSD #5 in 2008.	Dale McDonald [manager@town.crockett.ca.us]	1/12/2012	77	\$ 5,500.00	6/25/2005
Redwood City	San Mateo	SBSA	07/01/12	\$ 57.88						Terence Kyaw [tkyaw@redwoodcity.org] Russell Narahara, marahara@redwoodcity.org	5/15/2012	14,000	\$ 960.00	
Richardson Bay SD	Marin	Sewerage Agency of Southern Marin	07/01/11	\$ 20.50							2/10/2012	4,598		
Rio Vista	Solano		07/01/03	\$ 35.10										
Rodeo SD	Contra Costa		07/01/03	\$ 36.92						Steve Beal [rsd@value.net]				
Rohnert Park, City of	Sonoma	Laguna Sub-Regional WW Treatment Plant												
Russian River Co San Dist	Sonoma	SCWA	07/01/12	\$ 100.92					Annual Direct charge on the tax roll (\$1,036.00)		7/1/2012	2,465	\$ 5,228.00	7/1/2012

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Agency	County	Regional System / Subsystem	SFR Rate Effective Date	"Full Service" (WW Treatment & Collection, etc.)	WW Treatment, etc. excluding WW Collection	"Satellite" WW Collection Only	Property Tax/month, other fees, i.e. ad valorem	Winter Water Use (per avg hcf)	Other or Comments	Contact	Last Verified	Number of SFR Connections	SFR Connection Fee	Connection Fee Effective Date
San Bruno	San Mateo		07/01/12	\$ 20.02					Multi-year fee increases for FY 12-13 through FY 16/17 - (City Code). Wastewater charges include SSF/San Bruno WWTP.	Robert Wood [rwood@sanbruno.ca.gov]	1/15/2013	9,410	\$ 3,495.00	7/1/2012
San Carlos, City of	San Mateo	SBSA	07/01/12	\$ 53.10			\$ 53.10		San Carlos City Council approved a 6% rate increase over previous year; collected on property tax roll	Keith Hanna [khanna@cityofsancarlos.org] Jay Walter [jwalter@cityofsancarlos.org]	8/16/2012	11,045	\$ 4,500.00	10/1/2007
San Francisco PUC	San Francisco		07/01/11	\$ 53.00					Effective 07/01/11, the first 3 units of discharge at \$7.16/Ccf, and all additional discharge units at \$9.55/Ccf. The average number of discharge units per month for single-family dwellings is 6.3 units each month. The average monthly single-family residential rate is \$7.16 x 3 + \$9.55 x 3.3 = \$53.00 (NB: The rates are scheduled to increase effective 07/01/12 to \$7.62 / \$10.03).	Bruce Seale (bseale@sfwater.org)	6/15/2012	-109,500	\$ 3,125.00	7/1/2009
San Jose	Santa Clara	San Jose/Santa Clara tributary systems	07/01/11	\$ 33.83					Monthly fee includes Collection, treatment plant O&M and Replacement	Lillian Nguyen (Lillian.Nguyen@sanjoseca.gov)	7/18/2011			
San Leandro	Alameda	East Bay Dischargers Authority	07/01/09	\$ 26.29						Dean Wilson(dwilson@ci.san-leandro.ca.us)	5/12/2009	13,848	\$ 1,332.00	7/1/2009
San Mateo, City of	San Mateo		07/18/12	\$ 50.48				8.00	Charge for FY12-13 is based on \$6.31 per HCF of average water use for the five winter months of November through March. SFR average use of 8.0 HCF or \$50.48 per month.	Jean Hill [jhill@cityofsanmateo.org]	9/27/2012		\$ 2,374.00	7/1/2012
San Rafael SD	Marin	Central Marin Sanitation Agency	07/01/12	\$ 53.13					The Sewer Service Charge continues to be \$53.13 per month for FY 2012-13 (\$537.50 annual fee) and the Sewer Connection fee is \$3,082.51 for FY 2012-13.	Doris Toy [doris.toy@cityofsanrafael.org] Cindy Hernandez [cindy.hernandez@cityofsanrafael.org]	11/5/2012	7,195	\$ 3,082.51	7/1/2012
Sanitary District No. 1 of Marin County (City of Larkspur)	Marin	Central Marin Sanitation Agency	07/01/09	\$ 47.67					The Sewer Service Charge will be \$47.67 per month effective 7-1-09 for FY 2009-10 (\$572.00 annual fee) for City of Larkspur residents.	John Clark	2/19/2008	18,825	\$ 5,000.00	7/1/2007
Sanitary District No. 1 of Marin County (Ross Valley)	Marin	Central Marin Sanitation Agency	07/01/11	\$ 53.13						John Clark	2/19/2008	18,825	\$ 5,000.00	7/1/2007
Santa Clara	Santa Clara	San Jose/Santa Clara tributary systems	07/01/11	\$ 22.31					Monthly fee includes collection and treatment plant O&M	Chris de Groot [cdgroot@santaciaraca.gov]	7/19/2011	19,800	\$ 12,616.00	7/1/2011
Santa Rosa	Sonoma		01/06/02	\$ 49.29										
Santa Rosa, City of	Sonoma	Laguna Sub-Regional WW Treatment Plant												
Sausalito, City of	Marin	SMCSD	07/01/06				\$ 24.83		City owns collection sys & charges by water usage formula	Tom Birse [tbirse@ci.sausalito.ca.us]				
Sausalito-Marin City Sanitary District (SMCSD)	Marin	SMCSD								Bob Simmons [bob@smcscd.net]	6/22/2006			
Scenic Heights CSD (San Carlos)	San Mateo	SBSA	07/01/12	\$ 90.00					Treatment by SBSA	Mark Chow [mchow@co.sanmateo.ca.us] Benjamin Vazquez [bvazquez@co.sanmateo.ca.us]	8/1/2012	58	\$ 3,920.00	1/1/2012
Sea Ranch San Zone	Sonoma	SCWA	07/01/12	\$ 79.08					Annual Direct charge on the tax roll (\$878.00)		7/1/2012	554	\$ 4,195.96	7/1/2012
Sebastopol, City of	Sonoma	Laguna Sub-Regional WW Treatment Plant								Richard Emig (sebwpw@sonic.net); remig@cityofsebastopol.org				
Sewer Authority Mid-Coastside	San Mateo	Sewer Authority Mid-Coastside								Anthony Pullin (tony@samclearwater.org); John F. Foley III (jack@samclearwater.org)				
Sewerage Agency of Southern Marin	Marin	Sewerage Agency of Southern Marin								Steve Danehy (sdanehy@cityofmillvalley.org)	9/2/2008	18,946		
Sonoma County Water Agency (SWCA)	Sonoma	SCWA							No change to SCWA operated facilities, our new rates will be applied July 1, 2010	Hody Wilson (hody@scwa.ca.gov or Kevin Bocker [kbocker@scwa.ca.gov]; Pamela Jeane [pam@scwa.ca.gov]; Manuel Olvera [molvera@scwa.ca.gov])	7/1/2012			
Sonoma Valley Co San Dist	Sonoma	SCWA	07/01/12	\$ 64.33					Annual Direct charge on the tax roll (\$732.00)		7/1/2012	10,195	\$ 11,956.86	7/1/2012
South Bayside System Authority (SBSA)	San Mateo	SBSA							POTW	Bob Donaldson (rdonaldson@sbsa.org); Dan Child (dchild@sbsa.org);				
South Park San Dist	Sonoma	Laguna Sub-Regional WW Treatment Plant		\$ 58.75					Annual Direct charge on the tax roll (\$705)		3/31/2007			
South San Francisco/San Bruno POTW	San Mateo	NA	7/1/11 same for 7/1/12	\$ 44.33	N/A	N/A	N/A	N/A	\$532 annual residential rate for FY 12-13 for SSF, San Bruno residential rate is listed above.	Terry White [Terry.White@sfsf.net]; James Hardie [james.hardie@sfsf.net]	11/5/2012	11,644	\$ 3,687	1/1/2012
Stega SD	Contra Costa	EBMUD Special Dist 1	07/01/12			\$ 16.25				Rex Delizo (rex@stegesd.dst.ca.us)	7/1/2012	12,319	\$ 1,324.00	6/24/2007
Suisun City	Solano	Fairfield-Suisun SD							\$5.057/mi of pipe (FSSD subvention)			7,942	N/A	
Sunnyvale	Santa Clara		07/01/10	\$ 29.23					New rate effective 7/1/10 and at \$29.23 represents a 4.5% increase over previous year.	Jim Craig [jcraig@ci.sunnyvale.ca.us]; Joanna De Sa (JDeSa@ci.sunnyvale.ca.us)	7/7/2010	28,014	\$ 3,023.00	7/1/2008 (continues into FY 2009-2010)
Sund SD	Santa Clara	San Jose/Santa Clara tributary systems	07/01/06	\$ 13.34	\$ 13.42				Monthly fee includes collection and treatment plant O&M	Karen McDonough [Karen.McDonough@sanjoseca.gov]	7/18/2007			
Tamapais Community Svcs Dist (TCSD)	Marin		07/01/08	\$ 84.42					The TCSD is a collection system, we pay treatment fees and capital improvement "contributions" to Southern Marin Sewerage Agency (SASM), and to Sausalito Marin City Sanitary District (SMCSD). Effective July 1, 2010, the SFR/EDU rate for wastewater collection (and treatment) for the TCSD customers is \$1,013 per year, or \$84.42 per month.	Jerry Taylor [jtaylor@tcscd.us]	8/22/2011	1,966	\$ 4,500.00	
Tiburon SD (Sanitary District No. 5 of Marin County)	Marin		07/01/11	\$ 59.75			\$ 22.33			Robert L. Lynch [rlynch@sanis.org]	2/10/2012			

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Union SD	Alameda	East Bay Dischargers Authority	07/01/12	\$ 26.63					SSC collected on the Alameda County property tax bill, includes Fremont, Newark and Union City. Effective dates listed are budget year dates. Administrative effective dates are a bit later. USD adopted a three-year Prop. 218 notice in 2010, 5% for each of the next three years through 6/30/13.	Maria Scott [maria_scott@unionsanitary.com]; Jennifer Sio-Kwok [jennifer_sio-kwok@unionsanitary.com]	7/1/2012	67,463	\$ 4,844.73	7/1/2012
Vacaville	Solano		03/01/03	\$ 25.33										
Vallejo SFCD	Solano		07/01/12	\$ 41.26					Users are charged an additional \$1.38/mo for upper lateral program and \$1.97/mo for stormwater. Approved rate increases, (2.5% for each of the fiscal years 2012-13, 2013-14, and 2014-15).	Ron Matheson, Dist Mgr (rmatheson@vsfcd.com) Ken Spray, Fin Dir (kspray@vsfcd.com)	4/23/2012	33,873	\$ 2,500.00	11/1/2011
West Bay Sanitary District	San Mateo	SBSA	07/01/12	\$ 62.66					Information on rate increases contained in Gen Regulations, Article IX. One year rate increase July 1 2012 through June 30, 2013. see http://westbaysanitary.org/pdf/CODE%20OF%20GENERAL%20REGULATIONS.pdf	Phil Scott, pscott@westbaysanitary.org	11/4/2012		\$7,992.00	9/26/2012
West County WD	Contra Costa		07/01/11	\$ 23.25					Adopted 5-year Prop. 218 notice beginning 7/1/11, approx. 7% increase each year. FY 12/13 will be \$304/ERU annually.	E. J. Shalaby, General Manager [eshalaby@wccd.org] Beverli A. Marshall, Mgr. of Finance & Admin. Services [bmarshall@wccd.org]	4/23/12	32,299	\$ 2,762.00	7/1/11
West Valley SD	Santa Clara	San Jose/Santa Clara tributary systems	07/01/12	\$ 27.55					Approved increase of 5% +/- for next three years beginning 7/01/2010. Final adjustment of approved three year rate increase goes into effect on 7/01/12 for an increase of 6% (to \$27.55) for FY 2012/2013.	Jon Newby (jnewby@westvalleysan.org) Oyama (oyama@westvalleysan.org) Leshia Luu (llu@westvalleysan.org) Gil Acosta (gacosta@westvalleysan.org)	7/10/2012	31,290	\$ 8,088.60	7/1/2012
Yountville, Town of	Napa		07/01/07	\$ 41.77					Billing is bi-monthly	Don Moore [DonM@yville.com]	5/30/2007	695	\$ 5,667.00	7/1/2007

How To Use The Drop-Down Menus in Columns A & B

- To enter information for your agency, you may now use the drop-down menu provide in Column "A" to select your agency by name.
- To benchmark against other agencies in your region use the County drop-down menu in Column "B" to select your regional.
- To see agencies under the same Regional System, i.e. satellites of a regional system use the Microsoft "Data" menu, select "Sort" then sort by Regiona System / Subsystem
- To view the full list of all agencies or reset the full list of all agencies, each drop-down menu should be set to "All" and the "DATA" sort feature set to "Agency" (Colum A)

Disclaimer: This survey tool does not replace or in anyway function as a substitute for the annual survey of agencies' treatment works that is compiled by the State Water Board. This survey tool is strictly a benchmarking tool with voluntary participation by agencies and the information contained in this survey is provided by the participating agencies. The Bay Area Clean Water Agencies (BACWA) provides no warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose, as to the accuracy, reliability or completeness of data or content that is contained in this survey tool. BACWA neither guarantees nor assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information or content contained in this survey tool. For more detailed information about the rates or fees of a specific agency, please contact the agency directly.

CRITERIA FOR DECISION MAKING ON REQUESTS FOR FUNDING COLLABORATIVE INITIATIVES OR SPONSORSHIPS

THRESHOLD CRITERIA

Are there funds available in the current fiscal year budget line item where these types of initiatives are specifically budgeted? ***If not consider rejecting the request.***

ADDITIONAL CRITERIA

1. Is the mission of the organization making the request or the specific initiative for which funding is sought sufficiently aligned with BACWA's mission or specific initiatives to warrant funding? ***If there is not a reasonable linkage, consider rejecting the request.***
2. Will there be any direct benefit to BACWA or its membership? ***It is preferable to have a direct measurable benefit to BACWA or a majority of its membership.***
3. Will there be any accountability as to how the funds are spent? ***It is preferable to have some feedback mechanism, as to how specifically the funds were used.***
4. Is the request for a one time contribution or is it a recurring contribution; or is there an expectation of a recurring contribution? ***A one time contribution is preferable.***
5. Are there any identified downsides to BACWA making the contribution? ***Identified downsides should be examined to see if they may constitute a fatal flaw with making the contribution in which case it should be rejected.***
6. Is the amount requested in-line with other BACWA contributions? ***If a request is greater than \$25,000 or cumulatively more than \$50,000, serious consideration should be given to issues associated with a JPA making such as contribution.***
7. In exchange for the contribution does BACWA gain a voice in the initiative or the activities of the organization? ***BACWA being offered a voice in the governance associated with the completion of the initiative or carrying out the mission of the organization is preferable.***
8. Does BACWA have an urgent need to spend the available funds elsewhere? ***If so the request should be rejected.***



May 15, 2013

Sandra O'Neill
Office of Pesticide Programs
Regulatory Public Docket (7502P)
U.S. Environmental Protection Agency (U.S. EPA)
1200 Pennsylvania Ave., NW.
Washington, DC 20460-0001

Subject: Triclosan Registration Review Preliminary Work Plan Case # 2340 (Docket ID Number EPA-HQ-OPP-2012-0811)

Dear Ms. O'Neill:

On behalf of the Bay Area Clean Water Agencies (BACWA), we thank you for the opportunity to comment on the Registration Review Preliminary Work Plan ("work plan") for Triclosan, an antimicrobial compound found in many common household and industrial products.

BACWA's members include fifty-five publicly-owned wastewater treatment facilities and collection system agencies serving 6.5 million San Francisco Bay Area residents. We take our responsibilities for safeguarding receiving waters seriously and are very concerned about discharges of pesticides into wastewater systems where they may compromise effluent quality, biosolids reuse, and compliance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System (NPDES) permit requirements.

BACWA's Interest in EPA's Triclosan Registration Review

BACWA is interested in EPA's Triclosan registration review, because Triclosan is an aquatic toxicant, Triclosan uses have expanded rapidly and many of those uses involve Triclosan being impregnated into consumer products. For example, linens, clothing, blankets, pillows, carpets, food service containers, food trays, tiles, toilets, toothbrushes, adhesives and mops (pp.10-12), to name just some listed in the work plan, will all likely be washed at some time during their useful life. Upon washing, these products may release Triclosan into wash water, which will then go down an indoor drain and enter wastewater collection systems and treatment facilities. Once there, Triclosan is relatively stable (p. 9) and may either pass through the treatment facility to surface water or partition to biosolids.

Many BACWA members have noted with some alarm studies that have detected Triclosan in both wastewater and biosolids. To better understand the current state of knowledge on Triclosan and relevance in San Francisco Bay, BACWA members supported the development of the

enclosed San Francisco Estuary Institute 2011 report on Triclosan¹ which coalesces numerous studies on Triclosan in wastewater and biosolids.

BACWA applauds EPA for its continued progress in its risk assessment plans. We appreciate that this work plan is better organized than others we have reviewed in recent past, improves readability with better use of summary tables, and shows greater attention to issues of concern to wastewater treatment facilities. However, as detailed below, we continue to have concerns about this work plan and, in general, with EPA's approach to risk assessments for pesticides that may result in discharges to wastewater treatment facilities.

Clean Water Act Context

Everyday, BACWA members treat millions of gallons of wastewater that is then discharged to fresh or salt water bodies, including local creeks and rivers, bays, and the Pacific Ocean. In some cases, receiving waters may be effluent-dominated in that there is little to no dilution either because the receiving water is small or there is a lack of mixing at certain times due to thermal or saline stratification. These waterways provide crucial habitat to a wide array of aquatic species and waterfowl. It is therefore essential that pesticide registration and review processes adequately consider potential impacts to wastewater quality, so that such impacts to the beneficial uses of the receiving water are *prevented*.

If the registration review process fails to prevent toxic releases of pesticides to the aquatic environment, an undue burden to address the problem is placed on local governments. Acute or chronic toxicity is one of the most common adverse impacts of pesticides in effluents and surface waters. Under the Clean Water Act, wastewater facilities are often required to conduct and pay for accelerated tests weekly for a minimum of six weeks if toxicity is observed. Should toxicity be observed in two or more of these weekly accelerated tests, the discharger is required to implement a toxicity identification evaluation (TIE), to identify what is causing toxicity, the cost of which can vary widely from \$10,000 to well over \$100,000 depending on complexity and persistence of the toxicant.

Once identified, the cost to treat or remove the toxicity causing compound(s) can vary dramatically. Often, there are few ways for a discharger to mitigate the problem other than extremely costly treatment plant upgrades. The California State Water Board is currently considering a regulatory proposal that would move toxicity from a narrative standard to a numeric standard. Exceedances would not only trigger the expensive test described above, but would also be subject to both fines and citizen lawsuits.

¹ Klosterhaus, S. R. Allen, and J. Davis (2011). Contaminants of Emerging Concern in the San Francisco Estuary: Triclosan and Triclocarban. A Report of the Regional Monitoring Program of Water Quality for the San Francisco Estuary. SFEI Contribution #627. San Francisco Estuary Institute, Oakland, CA. Available at <http://www.sfei.org/sites/default/files/627%20RMP%20Triclosan%20Triclocarban%20profile%20FINAL%20JUNE%202011.pdf>

In addition, when surface water bodies become impaired by pesticides, wastewater facilities may be subject to additional requirements established as part of Total Maximum Daily Loads (TMDLs) set for the water bodies by U.S. EPA and state water quality regulatory agencies. While there are no current impairments due to Triclosan, future impairment designations are possible based on the growing body of evidence regarding its impacts in aquatic ecosystems.² A number of pesticide-related TMDLs have been adopted or are in preparation in California. The cost to wastewater facilities and other dischargers to comply with TMDLs can be up to millions of dollars per water body per pollutant. This process will continue as long as pesticides are approved for uses that result in water quality impacts; it is therefore imperative that EPA exercise its regulatory authority to fully assess the potential for Triclosan to impact water quality and for EPA to take action to ensure that any impacts are fully mitigated.

Need Comprehensive Federal Review of All Triclosan Uses

While the list of covered uses in this registration review is extensive, there are many other uses of Triclosan not covered by this registration review that are of equal concern to BACWA. Any use of Triclosan that may be washed down indoor drains poses a threat to our members' compliance with stringent regulatory requirements under the CWA. We believe that the registration review should include a cumulative environmental risk assessment that incorporates all uses of Triclosan, including those regulated under the Federal Food, Drug and Cosmetic Act (FFDCA) by the Food and Drug Administration (FDA). Antibacterial hand soaps, dish detergents and toothpaste all contribute to Triclosan loading experienced at a wastewater treatment facility. All uses combined may impact human health and the environment and therefore should be addressed together.

BACWA believes the omission of uses of Triclosan in the proposed environmental risk assessment is symptomatic of a much larger failure at the federal level to coordinate different agencies' product approval procedures with one another to ensure that relevant environmental statutes, such as the CWA, are taken into account. As stated in our previous comment letter regarding the Citizens Petition for a Ban on Triclosan (EPA Docket ID Number EPA-HQ-OPP-2010-0548), we strongly urge EPA to coordinate its efforts with the FDA so that this risk assessment can better evaluate the actual risk that all uses of Triclosan present to human health and the environment.

Exposure Analysis Plan Needs Leaching Data for All Uses

As noted above, myriad products impregnated with Triclosan are used indoors and may be washed or rinsed, potentially releasing Triclosan to wastewater facilities and ultimately aquatic and terrestrial environments. BACWA believes that each use needs to be carefully evaluated for its potential to contribute to environmental exposures. For example, EPA includes leaching from textiles in its conceptual model, it is deemed to have "low likelihood of contributing to risk" (p.27). Without data to substantiate this assessment, we wonder how EPA has come to this conclusion. A 2011 study showed that half or more of the Triclosan in impregnated fabrics was

² Ibid.

washed out in the first ten washes.³ This study begs other questions, such as, what quantities of Triclosan leach from impregnated plastics, ceramics and other materials? Is leaching consistent over time? Do some materials release Triclosan in slugs? Is Triclosan released in greater quantities as plastic ages?

Unfortunately, the Exposure Analysis Plan does not include any methods for analyzing whether and how much Triclosan these finished products will leach as they are used. We believe this will result in underestimating aquatic and terrestrial exposures. To ensure that exposure estimates are as accurate as possible, BACWA urges EPA to require product lifecycle leaching data from manufacturers of Triclosan-impregnated materials. Representative lifecycle leaching studies should take into account how that material will be used throughout its life span, how frequently it is washed, at what rate the material leaches Triclosan, the length of useful life of the product and whether likely disposal methods of the product have the potential to be an additional environmental release. We also ask that EPA modify its Exposure Analysis Plan to incorporate leaching data for all uses that potentially may be released to the environment.

Require All Necessary Aquatic Toxicity Studies in Work Plan

BACWA is greatly concerned that this work plan indicates a lack of understanding of how different listed uses of Triclosan may reach the environment, and therefore which ecological studies are needed. For example, the work plan states that if agricultural mulch and film registrations are cancelled, toxicity data for mysids, Daphnia and freshwater fish will no longer be required (p.18, table footnotes). Agricultural product registrations should not impact whether aquatic toxicity studies are completed since, as noted above, numerous other EPA-registered uses of Triclosan can potentially enter either fresh or saltwater bodies via wastewater discharge. Indeed, the Australian government's risk assessment (p.16) considers wastewater a "major environmental release" (p.16) of Triclosan. We therefore request that the second footnote on p. 18 be removed so that these studies are required regardless of the status of agricultural mulch and film registrations.

We are also concerned that the work plan does not plan to require acute or chronic toxicity studies for estuarine/marine benthic organisms (p. 30 and p. 86). Given that Triclosan is expected to sorb to sediments, we believe that effects on biota in the benthos should be further investigated. We are surprised that EPA has determined that one supplemental study (Table 29, p. 85), which did not measure growth or reproduction rates, would be sufficient to determine the risk of Triclosan in benthos.

Furthermore, the work plan states that toxicity studies for the degradate methyl Triclosan are unnecessary (p. 93) because textile manufacturing plants do not release methyl Triclosan. As noted previously, numerous listed uses regulated by EPA have the potential for discharge to municipal wastewater facilities. Methyl Triclosan has been detected in many municipal

³ Swedish Chemicals Agency (2009). Antibacterial substances leaking out with the washing water. Kemikalieinspektionen (available at http://www.kemi.se/Documents/Publikationer/Trycksaker/PM/PM1_12_Antibact_eng.pdf).

wastewater discharges.⁴ It is more persistent than Triclosan and has been found to accumulate in fish.⁵ We believe aquatic toxicity studies should be required for methyl Triclosan in addition to studies for Triclosan.

In Appendix C, EPA highlights several studies that are necessary for the risk assessment, including: acute and chronic estuarine/marine fish and crustacean (p.74); acute estuarine/marine mollusk (p. 74); full lifecycle fish study to establish chronic reproduction effects (p.74); full lifecycle test for freshwater invertebrates (p. 76); chronic estuarine/marine fish and invertebrates (p. 85).

To address all these data gaps, we request that all the following studies be satisfied for both Triclosan and methyl Triclosan either through data requirements or by acceptable open literature:

- Acute and chronic freshwater fish
- Acute and chronic estuarine/marine fish
- Acute and chronic freshwater crustacean
- Acute and chronic estuarine/marine crustacean
- Acute and chronic freshwater mollusk
- Acute and chronic estuarine/marine mollusk
- Acute and chronic freshwater benthic invertebrate
- Acute and chronic estuarine/marine benthic invertebrate

Require Endocrine Disruptor Screening Analysis in Work Plan

There are already studies indicating that Triclosan has endocrine disrupting effects in aquatic and amphibian species.⁶ In fact, as noted above, in Appendix C, EPA has specifically stated that lifecycle fish studies are needed for assessing potential endocrine disruption (pp. 74-75). Therefore, we urge EPA to acknowledge these studies in the work plan and specify in the work plan schedule that an endocrine disruptor screening data call-in and analysis will be conducted as part of this registration review. We believe the time is now, in this work plan, to indicate these studies are necessary to evaluate potential endocrine disruption.

⁴ See for example, Lindstrom, A. et al (2002). "Occurrence and environmental behavior of the bactericide triclosan and its methyl derivative in surface waters and wastewater" *Environmental Science and Toxicology* **36**:2322-2329; Balmer, M.E. et al. (2004). "Occurrence of Methyl Triclosan a Transformation Product of the Bactericide Triclosan in Fish from Various Lakes in Switzerland" *Environ Sci Techn* **38**:390-395.

⁵ Leiker, T.J. et al. (2009), "Identification of methyl triclosan and halogenated analogues in male common carp (*Cyprinus carpio*) from Las Vegas Bay and semipermeable membrane devices from Las Vegas Wash, Nevada" *Sci Tot Environ*. **407**:2102- 2114.

⁶ See for example, Veldhoen N, Skirrow RC, Osachoff H, Wigmore H, Clapson DJ, Gunderson MP, et al (2006), "The bactericidal agent triclosan modulates thyroid hormone-associated gene expression and disrupts postembryonic anuran development" *Aquatic Toxicology* **80**:217-27; Foran CM, Bennett ER, Benson WH (2000), "Developmental evaluation of a potential non-steroidal estrogen: triclosan" *Marine Environment Research* **50**:153-6; Matsumura N, Ishibashi H, Hirano M, Nagao Y, Watanabe N, Shiratsuchi H, et al (2005), "Effects of nonylphenol and triclosan on production of plasma vitellogenin and testosterone in male South African clawed frogs (*Xenopus laevis*)" *Biol Pharm Bulletin* **28**:1748-51.

Improved Conceptual Model Needs Further Refinement

BACWA appreciates that EPA has incorporated a more nuanced conceptual model of environmental releases (p.27), particularly the inclusion of potential impacts to wastewater treatment organisms. To further refine this model, we ask that EPA include all uses other than textiles that have the potential to release Triclosan to wastewater facilities and the environment. Impregnated plastics, such as plastic shower curtains and cutting boards, as well Triclosan-impregnated ceramics such as toilets and tiles, sponges and other household items, have the potential to leach Triclosan down indoor drains to wastewater facilities.

As noted above, leaching studies are necessary to understand how much and how fast Triclosan is leached from these products. We request that EPA incorporate additional uses into its conceptual model so that the model does not erroneously suggest that textiles are the only uses that release Triclosan to wastewater facilities.

Municipal Wastewater Modeling Necessary

Given the improved conceptual model in this work plan, we are surprised to find that the work plan does not include any modeling or evaluation of municipal wastewater releases to the environment. We strongly disagree with EPA's statement that, "while the EPA uses may contribute to exposure in some localized areas with industrial sources, the main contributor is the personal care product uses in most areas without industrial sources" (p. 65). As noted previously, many household products containing Triclosan, such as mops, cutting boards, countertops, toilets, sponges and linens, through their routine use at home or the work place, have the potential to release Triclosan to the environment through washing and rinsing. It is EPA's responsibility to ensure that Triclosan uses will not result in exceedances of water quality standards, impacts to biosolids management options, nor interference with the microorganisms that are crucial for effective wastewater treatment.

While we understand that textile manufacturing plant wastewater plant release data has been considered (pp. 70-71), these data are not representative of loading to municipal wastewater plants. To accurately inform an environmental risk assessment for Triclosan, we believe the EPA should conduct Down-the-Drain modeling that is typical for discharges to municipal wastewater treatment facilities.

Evaluate Potential Impacts to Wastewater Treatment Organisms

As depicted in the work plan's environmental release conceptual model (p.27), microorganisms that treat wastewater may be impacted by Triclosan in wastewater. These microorganisms do the basic work of removing fecal matter and dissolved organics in sewage; if a pesticide enters a treatment plant in sufficient quantities, it is possible it could harm these crucial microorganisms, causing "process interference," or a plant "upset" where wastewater is no longer able to be treated properly before discharge. In the case of a plant upset, microorganisms may either be impaired or killed, such that treatment does not occur for hours, days, or even weeks, resulting in impacts to water quality, fish and wildlife, as well as NPDES permit violations. NPDES permit

violations are not only costly to wastewater agencies, but the cost to the aquatic environment is immeasurable.

To support the analysis of municipal wastewater treatment plan process interference, EPA must have sufficient data to evaluate how wastewater treatment organisms may be affected by Triclosan. We request that EPA require a sludge respiration inhibition test (EPA OPPTS Guideline 850.6800)

Evaluate Impacts to Biosolids

Because Triclosan released to wastewater is likely to partition to the solid phase, BACWA is concerned about Triclosan's impact on agencies' management options for biosolids. Indeed, several studies have shown uptake and bioaccumulation of Triclosan by certain terrestrial plants grown in biosolids-treated soil.⁷ We therefore agree with the Australian government's risk assessment for Triclosan (p. 16) that releases of Triclosan to biosolids need further evaluation, and we urge EPA to require field studies that identify the impacts, if any, to biosolids management options including land application, incineration and surface disposal.

We urge the Offices of Pesticide Programs (OPP), Water (Offices of Wastewater Management and Science and Technology), and Research and Development to together develop a methodology that evaluates potential impacts of pesticides to biosolids land application whenever the EFAST Down-The-Drain module assessments indicate that pesticides would partition into biosolids. The existing OPP guidelines for the study of chemicals in the terrestrial environment could be modified to address biosolids-amended soil systems. In addition, the evaluation should include an analysis of bioaccumulation, toxicity to microbes, and toxicity to worms and other terrestrial invertebrates. This will entail requiring the registrant to conduct studies such as a soil microbial community toxicity test (OPPTS Guideline 850.3200) and an earthworm subchronic toxicity test (OPPTS Guideline 850.3100). It should be noted that such evaluations should focus on fate, transport, and toxicity factors specifically applicable to the biosolids matrix, and not merely done on pure chemical compounds or pot studies. Such studies are important to accurately quantify fate, exposure, and risk from the use of pesticides that will likely partition into biosolids if discharged to wastewater treatment facilities.

Dioxin Assessment Premature

Because BACWA members must comply with stringent dioxin toxicity equivalents (TEQs), we are concerned about the potential for Triclosan in wastewater to produce dioxins. While EPA states that phototransformation of Triclosan results in dioxins that are not among the 17 congeners that have significant TEQs, we believe there is a need for more research regarding chlorinated Triclosan derivatives (CTDs) that undergo phototransformation.

⁷ We have enclosed a study by Pannu, M. W., G. S. Toor, et al. (2012), "Toxicity and bioaccumulation of biosolids-borne triclosan in food crops" *Environmental Toxicology and Chemistry* **31**(9): 2130-2137. See also Rumi Tanoue, Yuri Sato, Miki Motoyama, Shuhei Nakagawa, Ryota Shinohara, and Kei Nomiya (2012), "Plant Uptake of Pharmaceutical Chemicals Detected in Recycled Organic Manure and Reclaimed Wastewater" *J. Agric. Food Chem* **60** (41): 10203-10211.

The enclosed study by Anger et al. (2013) notes there is very little information regarding the TEQs for di- and tri-chlorodibenzyl-p-dioxins (CDDs).⁸ The same study also indicates that effluent-dominated water bodies may have higher Triclosan and CTD-derived dioxins because there is little or no dilution. Another study by Buth et al. (2010) states that, “The CTD-derived PCDDs possess higher toxicities than 2,8-dichlorodibenzo-*p*-dioxin, a previously identified photoproduct of TCS, due to their higher chlorine substitution in the lateral positions. The load of TCS- and CTD-derived PCDDs to United States surface waters is estimated to be between 46 and 92 g toxicity equivalent units per year.”⁹

Expand Public Comment Periods

BACWA’s members appreciate the opportunity to provide comments at different stages of the registration review process. Because many local governments and non-profit organizations are resource constrained and/or may require multiple levels of review, we often need comment periods that are greater than the proposed 30 and 60-day comment periods (pp.7-8). We respectfully request that the proposed schedule be amended to provide 90 days’ review time.

We also request that EPA clarify whether the two scheduled public comment periods in 2019 and 2020 are to review the completed risk assessments. We request a 90-day comment period for the risk assessment so that we have sufficient time to review the documents.

Thank you for your consideration of our comments regarding this preliminary work plan for Triclosan registration review. If you have any questions, please contact BACWA’s Project Manager, Melody LaBella, at (925) 229-7370 or mllabella@centralsan.org.

Sincerely,

David R. Williams
Executive Director

Enclosures

1. San Francisco Estuary Institute (2011), *Contaminants of Emerging Concern in the San Francisco Estuary: Triclosan and Triclocarban*
2. Pannu, M. W., G. S. Toor, et al. (2012), "Toxicity and bioaccumulation of biosolids-borne triclosan in food crops" *Environmental Toxicology and Chemistry* **31**(9): 2130-2137.

⁸ See enclosed study by Anger, et al. (2013), “Quantification of Triclosan, Chlorinated Triclosan Derivatives, and their Dioxin Photoproducts in Lacustrine Sediment Cores” *Environmental Science & Technology* **47**(4), 1833-1843.

⁹ Buth, J. M., Grandbois, M., Vikesland, P. J., McNeill, K. and Arnold, W. A. (2009), “Aquatic photochemistry of chlorinated triclosan derivatives: Potential source of polychlorodibenzo-*P*-dioxins” *Environmental Toxicology and Chemistry* **28**: 2555–2563. Available at <http://onlinelibrary.wiley.com/doi/10.1897/08-490.1/full>

3. Anger, et al. (2013), "Quantification of Triclosan, Chlorinated Triclosan Derivatives, and their Dioxin Photoproducts in Lacustrine Sediment Cores" *Environmental Science & Technology* **47**(4), 1833-1843.

cc: Steve Bradbury, Director, U.S. EPA Office of Pesticide Programs
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David Smith, Acting Director, Water Division, U.S. EPA Region 9
Debra Denton, Water Division, U.S. EPA Region 9
Patti TenBrook, Life Scientist, U.S. EPA Region 9
Richard Breuer, California State Water Resources Control Board
Tom Mumley, California Regional Water Quality Control Board, San Francisco Bay Region
Janet O'Hara, California Regional Water Quality Control Board, San Francisco Bay Region
Nan Singhasemanon, California Department of Pesticide Regulation
Kelly D. Moran, Urban Pesticides Pollution Prevention Project
Jennifer Jackson, Jackson Environmental
Greg Kester, California Association of Sanitation Agencies
Chris Hornback, Senior Director, Regulatory Affairs, National Association of Clean Water
Agencies