



Executive Board Meeting Agenda

Friday, December 20, 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. – 9:03 a.m.	
PUBLIC COMMENT	9:03 a.m. – 9:05 a.m.	
CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER	9:05 a.m. – 9:07 a.m.	
CONSENT CALENDAR	9:07 a.m. – 9:10 a.m.	
1. November 15, 2013 BACWA Executive Board Meeting Minutes		3 – 7
2. September 2013 Treasurer’s Report		8 – 13
3. October 2013 Treasurer’s Report		14 – 19
4. Amendment 2 for SFEI Nutrient support agreement to extend termination date to June 30, 2014; File 12,680.		20 – 21
REPORTS	9:10 a.m. – 10:00 a.m.	
5. Committee Reports		22 – 31
6. Executive Board Reports		
7. Executive Director Report		32 – 48
• ASC/SFEI ED Recruitment update		
• NACWA Amicus Brief		
• ReNUWIt Proposal		
• Organizational Realignment		
• Bay Protection and Behavior Change Group		
8. Regulatory Program Manager Report		49 – 60
• Santa Rosa Permit		
• SFEI Expenditures		
• Hg/PCB Compliance		
• RMP Sources, Pathways, and Loadings Workgroup		
9. Chair & Executive Director Authorized Actions		61 – 64
a. Chair Authorization to execute agreement with Univision for BAPPG FOG Outreach support not to exceed \$8,000; File 13,108.		
b. Executive Director Authorization to execute agreement with Jennifer Jackson for BAPPG Steering Committee support not to exceed \$4,999; File 13,120.		
OTHER BUSINESS	10:00 a.m. – 11:59 a.m.	
10. <u>Approval</u> : Grant Chair Authority to Execute Revised Contract with Solano Community College for Water Operator Training Program, Spring 2014 Semester		65 – 67
11. <u>Discussion</u> : Annual Member Meeting		68 – 70
12. <u>Discussion</u> : January Joint Water Board/BACWA Meeting		
13. <u>Discussion</u> : IRWMP Update		

14. <u>Discussion:</u> Arleen Navarret Biennial Award		71 – 72
15. <u>Discussion:</u> Guidelines for Representing BACWA		73 – 75
16. <u>Discussion:</u> 2014 BACWA Executive Board Calendar		
a. Monthly Meeting Schedule/Location		76 – 78
b. Pardee 2014		
c. FY2015 Budget Planning		79 – 80
d. March Orinda Meeting		
17. <u>Presentation:</u> ReNUWIt – Craig Criddle, Perry McCarty, Richard Luthy	10:30 a.m. – 11:00 p.m.	
18. <u>Discussion:</u> WERF/ReNUWIt Collaboration		
19. <u>Discussion:</u> Nutrients		
a. Technical Work		
i. Future Funding of Science Program		
ii. Future Workshops		
b. Governance Structure		
i. Update on BACWA/Water Board Steering Committee		
ii. Program Coordinator Proposal		
c. Regulatory - BACWA’s Watershed Permit Negotiating Team Activities		
SUGGESTIONS FOR FUTURE AGENDA ITEMS	11:59 a.m. – 12:00 p.m.	
NEXT REGULAR MEETING The next regular meeting of the Board is scheduled for February 21, 2013 from 9:00 am – 12:00 pm at the San Francisco Public Utilities Commission, 525 Golden Gate Avenue, San Francisco.		
ADJOURNMENT	12:00 p.m.	



Executive Board Meeting Minutes

Thursday, November 15, 2013, 9:00 a.m. – 12:00 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); Jim Ervin (San Jose); Ben Horenstein (East Bay Municipal Utility District).

Other Attendees: Amy Chastain (San Francisco Public Utilities Commission); Melody LaBella (Central Contra Costa Sanitary District); Brian Campbell (East Bay Municipal Utility District); David Sui (East Bay Municipal Utility District); Joan Louie (East Bay Municipal Utility District); Amanda Roa (Delta Diablo Sanitation District); Karin North (Palo Alto); Harry Saraydarian (North Bay Watershed Association); Holly Kennedy (HDR); Jim Kelly (JMK Engineering); Denise Conners (Larry Walker Associates); Tom Hall (EOA); Monica Oakley (RMC); 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 Executive Director requested moving the time certain for agenda item 13, IRWMP Update, from 10:00 a.m. to 11:00 a.m.

CONSENT CALENDAR

For agenda **item 3, Fiscal Year 2012-13 Financial Reports** were distributed by East Bay Municipal Utility District accounting staff, David Sui and Joan Louie, who attended on behalf of BACWA's Treasurer. They notified the Executive Board members that the auditors did not find any items of concern during their annual audit.

Agenda items 1 - 4 were approved in a motion made by Ben Horenstein and seconded by Laura Pagano. The motion carried unanimously.

1. September 26, 2013 BACWA Executive Board Meeting Minutes
2. August 2013 Treasurer's Report
3. Fiscal Year 2012-13 Financial Reports
4. Amendment 2 for Avila Prop 50 Grant Administration support agreement to extend termination date to June 30, 2014; File 11,780.

REPORTS

Committee Reports were reviewed under **agenda item 5**.

The Collection Systems Committee Report was included in the handout packet and reviewed by the Monica Oakley.

Executive Board representatives (Board) were given an opportunity to provide updates from each of the Principal agencies under **agenda item 6, Executive Board Reports**.

Curt Swanson reported that Central Contra Costa Sanitary District (CCCSD) is still working to complete Nutrient reports required by their NPDES permit.

Ben Horenstein of East Bay Municipal Utility District (EBMUD) reported that Jackie Kepke has been promoted to the position of Manager of Wastewater Environmental Services. Vince DeLange is now the Manager of Wastewater Engineering.

Laura Pagano of the San Francisco Public Utilities Commission (SFPUC) reported that Harlan Kelly, SFPUC's General Manager has accepted a position on the National Association of Clean Water Agencies Board.

Jim Ervin reported that the San Jose Plant Master Plan was expected to be approved by the Treatment Plant Advisory Committee yesterday.

Mike Connor of the East Bay Dischargers Authority (EBDA) provided an update about a presentation on Nutrients given by David Senn and Martha Sutula that he attended earlier this month.

The **Executive Director's (ED) October Report** was included in the handout packet for **agenda item 7** and reviewed by Dave Williams. He explained that the Interim Executive Director of the Aquatic Science Center/San Francisco Estuary Institute (ASC/SFEI), Meredith Williams, will be leaving her position to work with the Department of Toxic Substances Control. A subcommittee has been assembled to work with a recruiting firm to fill the vacancy. The Board requested that they receive information about potential candidates. The ED will update the Board, solicit feedback, and follow up with ASC/SFEI as necessary. It was noted that BACWA should investigate improving the BACWA representation process for participation in various groups. Amy Chastain noted that she has had good experience with consulting services provided by Compass Point. The ED also explained that he will be chairing the CASA's Utility Leadership Committee on behalf of CCCSD. The Board requested that he include those types of activities in future ED monthly reports. The ED relayed a request from NACWA to hear from any agencies that have been told by permit writers that they will not be affected by the Circuit Court 8 decision regarding blending as a bypass requiring a no feasible alternative analysis. Monica Oakley agreed to notify her clients of NACWA's request and Lorien Fono will work with Tim Potter to convey the message to the Permits Committee. The ED also noted that NACWA now has a searchable database of state and legislative regulatory actions called the NACWA State Action Track. The updated Board Calendar for the remainder of 2013 and calendar year 2014 was attached to the ED Report and the Board requested that it include a discussion of Fiscal Year 2015 membership dues.

The **Regulatory Program Manager (RPM) Report** was included in the handout packet and reviewed by Lorien Fono under **agenda item 8**. She notified attendees that Kevin Buchan of the Western States Petroleum Association is soliciting BACWA's participation in future studies related to the

North Bay Selenium TMDL. It was noted that South Bay agencies may be interested in participating. The RPM also explained that the Laboratory Committee has made changes to the PCB sampling/analysis/reporting protocol, including running more blanks prior to analyzing samples. EBMUD is no longer using the 1668C method and is now outsourcing to Frontier labs. More information can be obtained by contacting Lorien Fono.

The following **Chair and Executive Director Authorized Actions** were taken since the September 26, 2013 Board meeting, listed under **agenda item 9**, and supporting information was included in the handout packet.

- a. Executive Director Authorization to utilize current RMC As Needed agreement for SSO Enforcement support not to exceed \$4,895; File 12,984.

OTHER BUSINESS

For **agenda item 10**, the Board was asked to approve the ***Creation of a BACWA Pretreatment Committee***. *In a motion made by Jim Ervin and seconded by Curt Swanson the Board approved creation of the committee with four yes votes and one abstention.*

The Board noted that they would like to receive more regular reports from each of the BACWA committees. The RPM is assisting some committees with drafting their reports, and the ED with pass along the request to the Committee Chairs.

Under **agenda item 11** the Board *approved the **BACWA Contracting Policy Revision** in a motion made by Laura Pagano and seconded by Jim Ervin. The motion passed unanimously.* The Board expressed their appreciation to the ED for the improvements he made to the policy.

For **agenda item 12.a.i, Nutrients Technical Work, Future Funding of Science Plan**, the ED reported that David Senn of the San Francisco Estuary Institute (SFEI) is currently developing a five-year plan and expects to have it completed by spring of 2014. Then he distributed and reviewed a handout produced by David Senn outlining the Lower South Bay (LBS) Synthesis Major Topics.

The ED led a discussion for **agenda item 12.a.ii, Technical Symposium on Nutrients Debrief**. The Board noted that the symposium provided a valuable opportunity to convey the importance of nutrient issues to member agencies, as well as a venue for scientist to present information to the regulatory community. It was also suggested that the discussion portion of the meeting should be moved to earlier time on the agenda when planning the next workshop.

Future Nutrient Workshops were discussed under **agenda item 12.a.iii**. The Board suggested that a workshop on the Chesapeake Bay focused on lessons that could be learned from their experience could be valuable. The Chair requested that the Board review the suggested topics included in the Board packet and provide feedback to the ED.

The ED provided an update on the **BACWA/Water Board Steering Committee** for Nutrients under **agenda item 12.b.i**. Action items from the first meeting on October 10th were included in packet along with the current version of the organizational chart and an accompanying narrative

explanation. It was noted that it is still unclear where the Delta Stewardship Council would fit on the diagram. The ED reviewed the action items and the draft agenda for the next meeting, scheduled for November 20th, and noted that he is still awaiting feedback from the San Francisco Regional Water Board staff (Water Board). It was suggested that the ED obtain feedback from the Nutrient Watershed Permit Negotiating Team when developing the agenda for future Steering Committee meetings.

Under **agenda item 12.b.ii** the ED led a **Discussion of the Program Coordinator Concept**. He explained that this person would report to Steering Committee. Currently there is no money allotted to this position, so BACWA may be asked to provide funding. In response to a request from the Board, the ED will prepare a proposal for this position including structure, alternatives, and options for discussion at the December 20th BACWA Board meeting.

For **agenda item 12.c** the ED provided an update on **BACWA's Nutrient Watershed Permit Negotiating Team Activities**. New permit language is being drafted and circulated. The next internal meeting is scheduled for November 22nd. The team will meet with the Water Board on December 5th and then will hold another internal meeting on December 13th.

Under **item 13, IRWMP Update, Brian Campbell** and Harry Saraydarian presented an overview of the Bay Area Integrated Regional Water Management Plan (IRWMP) including opportunities for BACWA regional projects. The current BACWA representatives for the IRWMP Coordinating Committee were identified as Cheryl Munoz, Linda Hu and Brian Campbell, and it was noted that a replacement for Brian needs to be selected. The Board requested that the ED schedule a meeting on January 8th or 9th with Brian, Linda and Cheryl and invite BACWA members to investigate developing a proposal for a BACWA regional project.

For agenda **item 14, Innovation/Research/Regional Initiatives – BACWA's Role**, the Board decided to defer involvement in Isle TAG at this time and will revisit the opportunity at the end of 2014. The ED will schedule a presentation from ReNUWit, with an emphasis on anaerobic secondary treatment, for the February Board meeting.

The **Annual Member Meeting** was discussed under **item 15**. Based on attendee feedback on the 2013 meeting the Board recommended moving the meeting back to the Boy Scouts facility. The draft agenda, included in the handout packet, was reviewed and it was suggested that it may be too much to have all regulators presenting in a single hour. The ED will contact the AIR Committee to investigate incorporating a thirty minute AIR session into the agenda that could include a representative from the California Air Resources Board, Sarah Deslauriers from the California Wastewater Climate Change Group, and information on biogas and other offset opportunities. He will also consider including resource recovery in a session that would focus on looking at the future of POTWs and add an update on pyrethroids, possibly under the CEC agenda item. Suggested speakers included Baykeeper, Felicia Marcus, Jane Diamond from the US EPA, David Senn and Water Board staff.

Under **agenda item 16**, it was decided that Karin North, Mike Connor and the past award recipient, Rosey Jencks, would serve on the **Arleen Navarret Biennial Award Selection Committee**.

The next regular monthly BACWA Board meeting is scheduled for, **December 20, 2013** at the EBMUD Treatment Plant Lab Library.

The meeting adjourned at 12:00 p.m.



Bay Area Clean Water Agencies

A Joint Powers Public Agency

Leading the Way to Protect our Bay

November 20, 2013

MEMO TO: Bay Area Clean Water Agencies Executive Board
MEMO FROM: D. Scott Klein, Controller, East Bay Municipal Utility District
SUBJECT: Three 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, 2013 through September 30, 2013** (three months of Fiscal Year 2013-2014). 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 09/30/13

DESCRIPTION	BEGINNING FUND BALANCE 07/1/13	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 09/30/13	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 09/30/13
BACWA	668,142	555,041	57,367	1,166,816	403,402	763,415
TRNG FND	248,247	156	-	248,403	-	248,403
AIR	12,894	54,401	-	67,296	-	67,296
BAPPG	51,748	19,015	5,920	64,843	18,079	46,764
LEGAL RSRV	303,928	191	-	304,119	-	304,119
WQA CBC	369,481	591,034	53,487	907,028	890,735	16,293
BACWAOPRES	152,925	96	-	153,021	-	153,021
RWR	16,733	10	-	16,743	-	16,743
RESERVE	120,000	-	-	120,000	-	120,000
WOT	48,062	100,026	-	148,088	-	148,088
PRP84	59,109	945,488	882,465	122,132	62,931	59,200
WQA EMERG	405,238	254	-	405,492	-	405,492
TECHACTION	253,274	159	-	253,432	-	253,432
CBC OPRSRV	164,121	103	-	164,224	-	164,224
PRP50	157,852	109	1,680	156,281	26,872	129,410
	3,032,754	2,266,084	1,000,919	4,297,918	1,402,018	2,895,900

BACWA Revenue Report for September 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	
Bay Area Clean Water Agencies	BDO Member Contributions	450,000	-	450,000	-	-	450,000	450,000	-
Bay Area Clean Water Agencies	BDO Other Receipts	-	-	-	-	(9,987)	(9,987)	(9,987)	9,987
Bay Area Clean Water Agencies	BDO Fund Transfers	10,675	-	-	-	488	488	488	10,187
Bay Area Clean Water Agencies	BDO Interest Income	3,000	-	-	-	540	540	540	2,460
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	159,000	-	114,000	-	-	114,000	114,000	45,000
BACWA TOTAL		622,675	-	564,000	-	(8,959)	555,041	555,041	67,634
BACWA Training Fund	BDO Interest Income	-	-	-	-	156	156	156	(156)
TRNG FND TOTAL		-	-	-	-	156	156	156	(156)
AIR-Air Issues&Regulation Grp	BDO Member Contributions	78,340	-	54,384	-	-	54,384	54,384	23,956
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	-	-	17	17	17	(17)
AIR TOTAL		78,340	-	54,384	-	17	54,401	54,401	23,939
BAPPG-BayAreaPollutnPreventGrp	BDO Member Contributions	80,000	-	18,978	-	-	18,978	18,978	61,022
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	-	-	-	-	37	37	37	(37)
BAPPG TOTAL		80,000	-	18,978	-	37	19,015	19,015	60,985
BACWA Legal Reserve Fnd	BDO Interest Income	-	-	-	-	191	191	191	(191)
LEGAL RSRV TOTAL		-	-	-	-	191	191	191	(191)
WQA-WtrQualityAttainmntStratgy	BDO Member Contributions	675,000	-	580,801	-	-	580,801	580,801	94,199
WQA-WtrQualityAttainmntStratgy	BDO Other Receipts	-	-	-	-	9,987	9,987	9,987	(9,987)
WQA-WtrQualityAttainmntStratgy	BDO Interest Income	1,000	-	-	-	245	245	245	755
WQA CBC TOTAL		676,000	-	580,801	-	10,233	591,034	591,034	84,966
BACWA OperatingRsrve Fnd	BDO Interest Income	-	-	-	-	96	96	96	(96)
BACWAOPRES TOTAL		-	-	-	-	96	96	96	(96)

BACWA Revenue Report for September 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET			CURRENT PERIOD			YEAR TO DATE			UNOBLIGATED		
		DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS		ACTUAL	UNOBLIGATED
Regional Water Recycling	BDO Interest Income	-	-	-	-	-	-	-	-	10	-	10	(10)
RWR TOTAL										10		10	(10)
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	160,500	-	-	100,000	-	-	100,000	-	-	-	100,000	60,500
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	-	-	-	-	-	26	-	26	(26)
WOT TOTAL		160,500			100,000			100,000		26		100,026	60,474
Prop84BayAreaIntegRegnlWtrMgmt	BDO Fund Transfers	-	-	-	-	-	-	-	-	(488)	-	(488)	488
Prop84BayAreaIntegRegnlWtrMgmt	BDO Interest Income	-	-	-	-	-	-	-	-	303	-	303	(303)
Prop84BayAreaIntegRegnlWtrMgmt	Administrative Support	-	-	-	-	-	-	75,885	-	-	-	75,885	(75,885)
Prop84BayAreaIntegRegnlWtrMgmt	Water Efficient Landscape Reba	-	-	-	-	-	-	712,881	-	-	-	712,881	(712,881)
Prop84BayAreaIntegRegnlWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	-	37,449	-	22,928	-	60,378	(60,378)
Prop84BayAreaIntegRegnlWtrMgmt	WQ Improve Flood Mgmt & EP	-	-	-	-	-	-	119,459	-	(57,716)	-	61,742	(61,742)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Partnership TA	-	-	-	-	-	-	-	-	24,873	-	24,873	(24,873)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Program Adminstrtn	-	-	-	-	-	-	-	-	9,915	-	9,915	(9,915)
PRP84 TOTAL								945,674		(185)		945,488	(945,488)
WQA Emergency Reserve Fnd	BDO Interest Income	-	-	-	-	-	-	-	-	254	-	254	(254)
WQA EMERG TOTAL										254		254	(254)
WQA Tech Action Fund	BDO Interest Income	-	-	-	-	-	-	-	-	159	-	159	(159)
TECHACTION TOTAL										159		159	(159)
CBC Operating Reserve Fnd	BDO Interest Income	-	-	-	-	-	-	-	-	103	-	103	(103)
CBC OPSRVY TOTAL										103		103	(103)
Prop50BayAreaIntegRegnlWtrMgmt	BDO Interest Income	-	-	-	-	-	-	-	-	109	-	109	(109)
PRP50 TOTAL										109		109	(109)

BACWA Expense Report for September 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET			CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED
		ENC	PV	DA	ENC	PV	DA	ENC	PV	DA		
Bay Area Clean Water Agencies	Overpayment Refund	-	-	7,341	-	-	7,341	-	-	-	7,341	(7,341)
Bay Area Clean Water Agencies	BC-Collections System	26,000	-	-	-	-	-	23,514	1,486	-	25,000	1,000
Bay Area Clean Water Agencies	BC-Water Recycling Committee	41,552	-	-	-	-	-	9,910	-	-	9,910	31,642
Bay Area Clean Water Agencies	BC-Biosolids Committee	5,000	-	-	-	-	-	500	-	-	500	4,500
Bay Area Clean Water Agencies	BC-InfoShare Groups	25,000	-	-	-	-	-	25,000	-	-	25,000	-
Bay Area Clean Water Agencies	BC-Laboratory Committee	5,000	-	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	BC-Miscellaneous Committee Sup	106,368	-	-	18,236	-	-	58,985	18,236	-	77,221	29,147
Bay Area Clean Water Agencies	LS-Regulatory Support	-	2,000	-	865	-	-	588	1,402	-	2,000	-
Bay Area Clean Water Agencies	LS-Executive Board Support	(665)	-	-	-	-	-	2,000	-	-	2,000	-
Bay Area Clean Water Agencies	CAS-CPSC	5,000	-	-	-	-	5,000	-	-	-	5,000	-
Bay Area Clean Water Agencies	CAS-PSI	500	-	-	-	-	-	-	-	-	-	500
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	5,000	-	-	-	-	-	15,433	-	-	15,433	(10,433)
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	7,820	-	-	-	-	-	4,027	-	3,092	7,119	701
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	3,000	-	-	-	-	-	-	-	196	196	2,804
Bay Area Clean Water Agencies	CAR-Other Communications	5,199	-	-	-	-	-	1,343	-	-	1,343	3,856
Bay Area Clean Water Agencies	SP-BAPPG Contribution	50,000	-	-	-	-	-	-	-	-	-	50,000
Bay Area Clean Water Agencies	GBS-Contingency	31,100	-	-	-	-	-	-	-	-	-	31,100
Bay Area Clean Water Agencies	GBS- Meeting Support	13,000	-	80	-	-	-	760	240	100	1,000	12,000
Bay Area Clean Water Agencies	AS-Executive Director	175,000	-	-	-	-	-	180,417	14,583	-	175,000	-
Bay Area Clean Water Agencies	AS-Assistant Executive Directo	75,000	-	-	-	-	-	60,915	12,675	-	73,590	1,410
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servic	40,000	-	-	-	-	-	40,000	-	(6,885)	33,115	6,885
Bay Area Clean Water Agencies	AS-Insurance	4,000	-	-	-	-	-	-	-	-	-	4,000
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	-	-	-	-	-	-	-	10,000
Bay Area Clean Water Agencies	CAS-Arleen Navaret Award	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	CAS-FWOC	5,000	-	-	-	-	-	-	-	-	-	5,000
BACWA TOTAL		643,539	(18,981)	7,341	18,981	48,623	15,729	403,402	460,768	(6,985)	460,768	182,771
AIR-Air, Issues&Regulation Grp	Administrative Support	3,900	-	-	-	-	-	-	-	-	-	3,900
AIR-Air, Issues&Regulation Grp	BDO Contract Expenses	74,440	-	-	-	-	-	21,700	21,700	(21,700)	74,440	-
AIR TOTAL		78,340	-	-	-	-	-	21,700	21,700	(21,700)	78,340	-
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Fog	17,000	-	-	-	-	-	-	-	-	-	17,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Mercury	2,500	-	-	-	-	-	-	-	-	-	2,500
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pesticides	10,000	-	-	-	-	-	-	-	-	-	10,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pharmaceutical	9,998	-	-	-	-	-	-	-	-	-	9,998
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	1,500	-	-	-	-	-	-	-	-	-	1,500
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	21,437	-	3,000	-	-	-	4,999	-	3,000	3,000	18,437
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	11,500	-	-	-	-	-	-	-	(3,028)	4,999	6,501
BAPPG-BayAreaPollutnPreventGrp	Administrative Support	4,275	-	-	-	-	-	-	-	-	-	4,275
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	19,000	-	-	-	-	-	13,080	2,920	-	16,000	3,000
BAPPG TOTAL		97,210	(11,009)	3,000	11,009	2,920	6,028	18,079	23,999	(3,028)	23,999	73,211
WQA-WtrQualityAttainmntStrategy	WQA-CE-Technical Support	896,902	-	-	11,009	-	-	837,597	23,487	-	861,084	35,818
WQA-WtrQualityAttainmntStrategy	WQA-CE-Collaborations & Sponso	30,000	-	-	-	-	-	-	-	30,000	30,000	-
WQA-WtrQualityAttainmntStrategy	WQA-CE-Commun. & Reporting	6,000	-	-	-	-	-	-	-	-	-	6,000
WQA-WtrQualityAttainmntStrategy	WQA-CE-Other	33,800	-	-	-	-	-	53,138	-	-	53,138	(19,338)
WQA CBC TOTAL		966,702	(11,009)	11,009	11,009	23,487	30,000	890,735	23,487	-	944,222	22,480

BACWA Expense Report for September 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED
			ENC	PV	DA	ENC	PV	DA		
WOT - WtrWvtr Operat Training	Administrative Support	2,500	-	-	-	-	-	-	2,500	
WOT - WtrWvtr Operat Training	BDO Contract Expenses	158,000	-	-	-	-	-	-	158,000	
WOT TOTAL		160,500							160,500	
Prop84BayAreaIntegRegniWtrMgmt	Administrative Support	-	-	-	2,806	-	-	4,155	(4,155)	
Prop84BayAreaIntegRegniWtrMgmt	BDO Contract Expenses	-	-	-	375	-	-	71,453	(71,453)	
Prop84BayAreaIntegRegniWtrMgmt	Regional Green Infrastructure	-	-	-	61,957	-	-	37,449	(37,449)	
Prop84BayAreaIntegRegniWtrMgmt	WQ Improve Flood Mgmt & EP	-	-	-	-	-	(197,743)	(197,743)	197,743	
Prop84BayAreaIntegRegniWtrMgmt	Water Efficient LRP	-	-	-	-	-	-	145,787	(145,787)	
Prop84BayAreaIntegRegniWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	-	6,349	(6,349)	
Prop84BayAreaIntegRegniWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	-	54,136	(54,136)	
Prop84BayAreaIntegRegniWtrMgmt	High Efficiency Toilet & Ul	-	-	-	-	-	-	456,363	(456,363)	
Prop84BayAreaIntegRegniWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	-	12,977	(12,977)	
Prop84BayAreaIntegRegniWtrMgmt	Conservation Program Admin	-	-	-	-	-	-	37,269	(37,269)	
Prop84BayAreaIntegRegniWtrMgmt	Watershed Partnership TA	-	-	-	-	-	-	42,170	(78,460)	
Prop84BayAreaIntegRegniWtrMgmt	Stream Restoration in North BD	-	-	-	-	-	-	30,250	(179,741)	
Prop84BayAreaIntegRegniWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	-	149,491	(179,741)	
Prop84BayAreaIntegRegniWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	-	3,864	(5,911)	
Prop84BayAreaIntegRegniWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	-	4,418	(4,418)	
Prop84BayAreaIntegRegniWtrMgmt	Watershed Program Adminstrtn	-	-	-	-	-	-	24,558	(24,558)	
PRP84 TOTAL			62,931		9,871			945,397	(945,397)	
Prop50BayAreaIntegRegniWtrMgmt	Administrative Support	-	-	-	1,774	-	-	(7,322)	5,548	
Prop50BayAreaIntegRegniWtrMgmt	BDO Contract Expenses	-	-	-	25,098	-	-	26,778	(26,778)	
Prop50BayAreaIntegRegniWtrMgmt	EBMUD Ca. Waterstar Initiative	-	-	-	-	-	7,322	7,322	(7,322)	
Prop50BayAreaIntegRegniWtrMgmt	EBMUD Richmond RWP	-	-	-	-	-	-	8,448	(8,448)	
Prop50BayAreaIntegRegniWtrMgmt	Mt. View-Moffat RWP	-	-	-	-	-	-	5,561	(5,561)	
PRP50 TOTAL			26,872		1,680			28,552	(28,552)	




Bay Area Clean Water Agencies

A Joint Powers Public Agency

Leading the Way to Protect our Bay

December 9, 2013

MEMO TO: Bay Area Clean Water Agencies Executive Board 
MEMO FROM: D. Scott Klein, Controller, East Bay Municipal Utility District
SUBJECT: Four 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, 2013 through October 31, 2013** (four months of Fiscal Year 2013-2014). 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 10/31/13

DESCRIPTION	BEGINNING FUND BALANCE 07/1/13	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 10/31/13	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 10/31/13
BACWA	669,142	593,232	88,147	1,174,227	358,701	815,526
TRNG FND	248,247	339	-	248,587	-	248,587
AIR	12,894	78,424	25,635	65,683	48,805	16,878
BAPPG	51,748	27,450	16,310	62,888	15,361	47,527
LEGAL RSRV	303,928	415	-	304,344	-	304,344
WQA CBC	369,481	676,430	65,467	980,444	853,302	127,142
BACWAOPRES	152,925	209	-	153,134	-	153,134
RWR	16,733	23	-	16,756	-	16,756
RESERVE	120,000	-	-	120,000	-	120,000
WOT	48,062	145,087	77,500	115,648	-	115,648
PRP84	59,109	6,031,693	882,490	5,208,311	62,557	5,145,754
WQA EMERG	405,238	554	-	405,791	-	405,791
TECHACTION	253,274	346	-	253,620	-	253,620
CBC OPRSRV	164,121	224	-	164,346	-	164,346
PRP50	157,852	224	1,705	156,372	26,073	130,299
	3,032,754	7,554,650	1,157,254	9,430,150	1,364,800	8,065,351

BACWA Revenue Report for October 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	
Bay Area Clean Water Agencies	BDO Member Contributions	450,000	-	-	-	-	450,000	450,000	-
Bay Area Clean Water Agencies	BDO Other Receipts	-	-	-	-	-	-	(9,987)	9,987
Bay Area Clean Water Agencies	BDO Fund Transfers	10,675	-	-	-	-	-	488	10,187
Bay Area Clean Water Agencies	BDO Interest Income	3,000	-	-	690	-	-	1,231	1,769
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	159,000	-	37,500	-	-	151,500	151,500	7,500
BACWA TOTAL		622,675	-	37,500	690	-	601,500	593,232	29,443
BACWA Training Fund	BDO Interest Income	-	-	-	184	-	-	339	(339)
TRNG FND TOTAL		-	-	-	184	-	-	339	(339)
AIR-Air Issues&Regulation Grp	BDO Member Contributions	78,340	-	24,000	-	-	78,384	78,384	(44)
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	23	-	-	-	40	(40)
AIR TOTAL		78,340	-	24,000	23	-	78,384	78,424	(84)
BAPPG-BayAreaPollutnPreventGrp	BDO Member Contributions	80,000	-	8,394	-	-	27,372	27,372	52,628
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	-	-	-	41	-	-	78	(78)
BAPPG TOTAL		80,000	-	8,394	41	-	27,372	27,450	52,550
BACWA Legal Reserve Fnd	BDO Interest Income	-	-	-	225	-	-	415	(415)
LEGAL RSRV TOTAL		-	-	-	225	-	-	415	(415)
WQA-WtrQualityAttainmntStraty	Administrative & General	-	1,500	-	-	-	1,500	1,500	(1,500)
WQA-WtrQualityAttainmntStraty	BDO Member Contributions	675,000	-	81,500	-	-	662,301	662,301	12,699
WQA-WtrQualityAttainmntStraty	BDO Other Receipts	-	2,000	-	-	-	-	11,987	(11,987)
WQA-WtrQualityAttainmntStraty	BDO Interest Income	1,000	-	-	396	-	-	642	358
WQA CBC TOTAL		676,000	3,500	81,500	396	-	662,301	676,430	(430)
BACWA Operating Rsrve Fnd	BDO Interest Income	-	-	-	113	-	-	209	(209)
BACWAOPRES TOTAL		-	-	-	113	-	-	209	(209)

BACWA Revenue Report for October 2013

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE			ACTUAL	UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS		
Regional Water Recycling	BDO Interest Income	-	-	-	12	-	-	23	(23)	
RWR TOTAL		-	-	-	12	-	-	23	(23)	
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	160,500	-	45,000	-	-	145,000	145,000	15,500	
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	60	-	-	87	(87)	
WOT TOTAL		160,500	-	45,000	60	-	145,000	145,087	15,413	
Prop84BayAreaIntegRegnlWtrMgmi BDO Fund Transfers		-	-	-	-	-	-	(488)	488	
Prop84BayAreaIntegRegnlWtrMgmi BDO Interest Income		-	-	-	90	-	-	393	(393)	
Prop84BayAreaIntegRegnlWtrMgmi Administrative Support		-	-	-	-	75,885	-	75,885	(75,885)	
Prop84BayAreaIntegRegnlWtrMgmi Water Efficient Landscape Reba		-	2,934,790	-	-	3,647,671	-	3,647,671	(3,647,671)	
Prop84BayAreaIntegRegnlWtrMgmi Harding Park RWP		-	2,008,300	-	-	2,008,300	-	2,008,300	(2,008,300)	
Prop84BayAreaIntegRegnlWtrMgmi Regional Green Infrastructure		-	14,406	-	-	51,855	22,928	74,783	(74,783)	
Prop84BayAreaIntegRegnlWtrMgmi WQ Improve Flood Mgmt & EP		-	128,619	-	-	248,077	(57,716)	190,361	(190,361)	
Prop84BayAreaIntegRegnlWtrMgmi Watershed Partnership TA		-	-	-	-	-	24,873	24,873	(24,873)	
Prop84BayAreaIntegRegnlWtrMgmi Watershed Program Admnsttrn		-	-	-	-	-	9,915	9,915	(9,915)	
PRP84 TOTAL		-	5,086,114	-	90	6,031,788	(95)	6,031,693	(6,031,693)	
WQA Emergency Reserve Fnd	BDO Interest Income	-	-	-	300	-	-	554	(554)	
WQA EMERG TOTAL		-	-	-	300	-	-	554	(554)	
WQA Tech Action Fund	BDO Interest Income	-	-	-	187	-	-	346	(346)	
TECHACTION TOTAL		-	-	-	187	-	-	346	(346)	
CBC Operating Reserve Fnd	BDO Interest Income	-	-	-	121	-	-	224	(224)	
CBC OPRSRV TOTAL		-	-	-	121	-	-	224	(224)	
Prop50BayAreaIntegRegnlWtrMgmi BDO Interest Income		-	-	-	115	-	-	224	(224)	
PRP50 TOTAL		-	-	-	115	-	-	224	(224)	

BACWA Expense Report for October 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET		CURRENT PERIOD			YEAR TO DATE			OBLIGATED	UNOBLIGATED
		ENC	PV	DA	JV	ENC	PV	DA	JV		
Bay Area Clean Water Agencies	Overpayment Refund	-	-	-	-	-	-	7,341	-	7,341	(7,341)
Bay Area Clean Water Agencies	BC-Collections System	26,000	3,103	-	-	250	-	250	4,589	25,250	750
Bay Area Clean Water Agencies	BC-Water Recycling Committee	41,552	-	-	-	-	-	-	9,910	9,910	31,642
Bay Area Clean Water Agencies	BC-Biosolids Committee	5,000	(500)	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	BC-InfoShare Groups	25,000	-	-	-	-	-	-	25,000	25,000	-
Bay Area Clean Water Agencies	BC-Laboratory Committee	5,000	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	BC-Miscellaneous Committee Sup	106,368	(4,302)	-	-	-	-	-	18,236	72,919	33,449
Bay Area Clean Water Agencies	LS-Regulatory Support	2,000	-	-	-	-	-	-	1,402	2,000	-
Bay Area Clean Water Agencies	LS-Executive Board Support	2,000	-	-	-	-	-	-	2,000	2,000	-
Bay Area Clean Water Agencies	CAS-CPSC	5,000	-	-	-	-	-	5,000	-	5,000	-
Bay Area Clean Water Agencies	CAS-PSI	500	-	-	-	-	-	-	-	500	-
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	5,000	(15,433)	-	-	-	-	-	-	5,000	5,000
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	7,820	(2,527)	-	-	680	-	3,772	1,500	5,272	2,548
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	3,000	-	-	-	60	-	256	-	256	2,744
Bay Area Clean Water Agencies	CAR-Other Communications	5,199	(1,343)	-	-	73	-	73	-	73	5,127
Bay Area Clean Water Agencies	SP-BAPPG Contribution	50,000	-	-	-	-	-	-	-	-	50,000
Bay Area Clean Water Agencies	GBS-Contingency	31,100	-	-	-	-	-	-	-	-	31,100
Bay Area Clean Water Agencies	GBS- Meeting Support	13,000	-	-	-	1,889	-	1,889	240	2,889	10,111
Bay Area Clean Water Agencies	AS-Executive Director	175,000	-	-	-	-	-	-	14,583	175,000	-
Bay Area Clean Water Agencies	AS-Assistant Executive Directo	75,000	(14,440)	-	-	13,850	-	13,850	26,525	73,000	2,000
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servic	40,000	(3,052)	-	-	3,502	-	3,502	3,052	36,617	3,383
Bay Area Clean Water Agencies	AS-Insurance	4,000	-	-	-	4,321	-	4,321	-	4,321	(321)
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	-	-	-	-	-	-	10,000
Bay Area Clean Water Agencies	CAS-Aileen Navaret Award	1,000	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	CAS-FWQC	5,000	-	-	-	-	-	-	-	-	5,000
BACWA TOTAL		643,539	(44,700)	20,005	10,774	26,503	(6,985)	68,628	446,848	196,691	
AIR-Air Issues&Regulation Grp	Administrative Support	3,900	-	-	-	-	-	-	-	-	3,900
AIR-Air Issues&Regulation Grp	BDO Contract Expenses	74,440	48,805	25,635	-	-	-	47,335	48,805	74,440	-
AIR TOTAL		78,340	48,805	25,635	-	-	(21,700)	47,335	48,805	74,440	3,900
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Fog	17,000	-	-	-	-	-	-	-	-	17,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Mercury	2,500	-	-	-	-	-	-	-	-	2,500
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pesticides	10,000	-	-	-	-	-	-	-	-	10,000
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Pharmaceutical	9,998	-	-	-	-	-	-	-	-	9,998
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	1,500	-	-	-	-	-	-	-	-	1,500
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	21,437	-	-	-	7,673	-	10,673	4,999	10,765	1,500
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	11,500	-	-	-	-	-	3,028	-	4,999	6,501
BAPPG-BayAreaPollutnPreventGrp	Administrative Support	4,275	-	-	-	-	-	-	-	-	4,275
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	19,000	(2,718)	2,718	-	-	-	5,638	10,362	16,000	3,000
BAPPG TOTAL		97,210	(2,718)	2,718	7,673	13,700	(3,028)	5,638	31,672	65,539	
WQA-WtrQualityAttainmntStrategy	WQA-CE-Technical Support	896,902	(23,361)	11,980	-	-	-	35,467	814,236	849,703	47,199
WQA-WtrQualityAttainmntStrategy	WQA-CE-Collaborations & Sponso	30,000	-	-	-	30,000	-	-	-	30,000	-
WQA-WtrQualityAttainmntStrategy	WQA-CE-Commun. & Reporting	6,000	-	-	-	-	-	-	-	-	6,000
WQA-WtrQualityAttainmntStrategy	WQA-CE-Other	33,800	(14,072)	-	-	-	-	39,066	39,066	39,066	(5,266)
WQA CBC TOTAL		966,702	(37,433)	11,980	-	30,000	-	35,467	853,302	918,769	47,933

BACWA Expense Report for October 2013

DEPARTMENT	EXPENSE TYPE	AMENDED BUDGET		CURRENT PERIOD				YEAR TO DATE				OBLIGATED	UNOBLIGATED
		ENC	BUDGET	PV	DA	JV	DA	PV	DA	JV			
WOT - WtrWtr Operat Training	Administrative Support	-	2,500	-	-	-	-	-	-	-	-	-	2,500
WOT - WtrWtr Operat Training	BDO Contract Expenses	-	158,000	-	77,500	-	77,500	-	77,500	-	-	77,500	80,500
WOT TOTAL		-	160,500	-	77,500	-	77,500	-	77,500	-	-	77,500	83,000
Prop84BayAreaIntegRegnWtrMgmt	Administrative Support	(374)	-	25	-	-	2,806	-	2,806	-	-	3,806	(3,806)
Prop84BayAreaIntegRegnWtrMgmt	BDO Contract Expenses	-	-	-	-	-	-	9,496	-	-	-	71,453	(71,453)
Prop84BayAreaIntegRegnWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	-	-	37,449	-	-	37,449	(37,449)
Prop84BayAreaIntegRegnWtrMgmt	WQ Improve Flood Mgmt & EP	-	-	-	-	-	-	-	-	(197,743)	-	(197,743)	197,743
Prop84BayAreaIntegRegnWtrMgmt	Water Efficient LRP	-	-	-	-	-	145,787	-	-	-	-	145,787	(145,787)
Prop84BayAreaIntegRegnWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	6,349	-	-	-	-	6,349	(6,349)
Prop84BayAreaIntegRegnWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	54,136	-	-	-	-	54,136	(54,136)
Prop84BayAreaIntegRegnWtrMgmt	High Efficiency Toilet & UI	-	-	-	-	-	456,363	-	-	-	-	456,363	(456,363)
Prop84BayAreaIntegRegnWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	12,977	-	-	-	-	12,977	(12,977)
Prop84BayAreaIntegRegnWtrMgmt	Conservation Program Admin	-	-	-	-	-	37,269	-	-	-	-	37,269	(37,269)
Prop84BayAreaIntegRegnWtrMgmt	Watershed Partnership TA	-	-	-	-	-	42,170	-	-	-	36,290	78,460	(78,460)
Prop84BayAreaIntegRegnWtrMgmt	Stream Restoration in North BD	-	-	-	-	-	30,250	-	-	-	149,491	179,741	(179,741)
Prop84BayAreaIntegRegnWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	3,864	-	-	2,047	-	5,911	(5,911)
Prop84BayAreaIntegRegnWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	4,418	-	-	-	-	4,418	(4,418)
Prop84BayAreaIntegRegnWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	24,558	-	-	-	-	24,558	(24,558)
Prop84BayAreaIntegRegnWtrMgmt	Watershed Program Adminsrth	(374)	-	25	-	-	14,199	-	-	-	9,915	24,115	(24,115)
PRP84 TOTAL		(799)	-	25	-	-	872,595	9,896	-	-	945,048	945,048	(945,048)
Prop50BayAreaIntegRegnWtrMgmt	Administrative Support	(799)	-	25	-	-	-	975	-	-	(7,322)	(6,322)	6,322
Prop50BayAreaIntegRegnWtrMgmt	BDO Contract Expenses	-	-	-	-	-	-	1,680	-	-	-	26,778	(26,778)
Prop50BayAreaIntegRegnWtrMgmt	EBMUD Ca. Waterstar Initiative	-	-	-	-	-	7,322	-	-	-	-	7,322	(7,322)
Prop50BayAreaIntegRegnWtrMgmt	EBMUD Richmond RWP	-	-	-	-	-	8,448	-	-	-	(8,448)	-	-
Prop50BayAreaIntegRegnWtrMgmt	Mt. View-Moffat RWP	(799)	-	25	-	-	21,331	1,705	-	-	(21,331)	27,778	(27,778)
PRP50 TOTAL		(799)	-	25	-	-	21,331	1,705	-	-	(21,331)	27,778	(27,778)



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 4

FILE NO.: 12,680

MEETING DATE: December 20, 2013

TITLE: SFEI Amendment 2 for Nutrients Support

MOTION

RESOLUTION

DISCUSSION

ACTION UNDER CONSIDERATION

Amend an existing agreement with San Francisco Estuary Institute (SFEI) to provide Nutrients support, to extend the contract termination date to the end of Fiscal Year 2014 (June 30, 2014).

SUMMARY

In February 2012 BACWA entered into an agreement with the San Francisco Estuary Institute (SFEI) for Nutrient Strategy Development support services in an amount not to exceed \$350,000 for the period of February 17, 2012 through June 30, 2013. In June 2013 the Board approved a new contract termination date of December 31, 2013. As of November 30, 2013 approximately \$37,000 of the original \$350,000 contract remains unbilled for this agreement. It is recommended that the BACWA Board approve a second amendment to this agreement to provide SFEI with additional time to complete the scope of work associated with this agreement.

FISCAL IMPACT

There is no direct fiscal impact. This amendment only extends the termination date of the contract and does not impact the original contract value.

ALTERNATIVES

This amendment is consistent with BACWA contracting policies and does not require a consideration of alternatives.

ATTACHMENT

1. SFEI Contract 12,680 Amendment 2

**AMENDMENT NO. 2
TO
AGREEMENT BETWEEN
BAY AREA CLEAN WATER AGENCIES
AND
San Francisco Estuary Institute
FOR
Nutrients Strategy Assistance**

This Amendment No. 1 is made this 20th day of December, 2013, in the City of Oakland, County of Alameda, State of California, to that certain agreement File 12,680 of February 17th, 2012 and Amendment 1 of June 28, 2013 by and between San Francisco Estuary Institute (SFEI) and Bay Area Clean Water Agencies, (BACWA) (the "Agreement") in consideration of the covenants hereinafter set forth.

1. BACWA and SFEI agree to extend the contract termination date to June 30, 2014.
2. Except as herein expressly modified, the Agreement will remain in full force and effect.

BAY AREA CLEAN WATER AGENCIES

By _____
Mike Connor, Chair Executive Board

Dated _____

SAN FRANCISCO ESTUARY INSTITUTE

By _____

Dated _____

BACWA EIN: 94-3389334

Committee Request for Board Action: None

16 attendees, including 2 on the phone; 10 BACWA member agencies represented

CWCCG Presentation

- Sarah Deslauriers of CWCCG gave a presentation on greenhouse gas regulations and opportunities, which was an update of the presentation she gave to the BACWA Board at the September meeting. Her presentation is available here: http://bacwa.org/Portals/0/Users/142/42/142/BACWA%20AIR_CWCCG_Nov%202013.pdf
- The main update compared to the September presentation pertained to the AB 32 scoping plan, which was released as a “discussion draft” in October. The scoping plan lays out the approach for the State to meet its emissions reductions targets through 2050. The update was expected by November 25, but was pushed out to the end of January 2014. Sarah will update the group on issues that impact POTWs when the scoping plan is released.
- Sarah discussed a proposal by Oberon Fuels, a company that makes biogas into dimethyl ether for transportation fuel. They are looking for a wastewater treatment plant to partner with. Their proposal has been distributed to the AIR, biosolids and permits committees.

Plans to meet with BAAQMD staff

Jim Sandoval is working to schedule a meeting between the AIR committee and the new BAAQMD Air Quality Engineer Manager, Pam Leong and the Supervising Air Quality Engineer, Greg Stone. The joint meeting will be held in the first few months of 2014. The November meeting attendees identified the following as issues to discuss at the meeting with BAAQMD:

- Update on upcoming regulations, particularly how and when the BAAQMD intends to roll out PM2.5 limits on existing sources
- Information on how the BAAQMD intends to achieve an 80% reduction from 1990 GHG levels by 2050, as stated in their Climate Protection Resolution
- Discuss the BAAQMD’s schedule for permit turnaround time
- Make the suggestion that they include more transparency in their quarterly [Air Currents newsletters](#) (similar to the monthly Ventura County Air Pollution Control District’s [Skylines newsletter](#)).
- Seek feedback on what applicants can do to make the permitting process easier and/or quicker
- Process for updating POTW information in BAAQMD’s database

Regulatory Update

- There was no time to go over most of the CH2MHill presentation, but the slides are available for review: http://bacwa.org/Portals/0/Users/142/42/142/2013Nov20-AIR_Mtg.pdf
- The results of the survey on BAAQMD backlog are on page 10 of the presentation, with five agencies responding. There is a large distribution of turnaround times for different types of permits, although Title V permit turnaround times have all been greater than one year, and up to three years.

Proposals for future meetings

- There was discussion about holding a workshop on internal combustion engines at one of the next few meetings, but there was no interest in pursuing this.
- Next meeting we will discuss topics for the Annual Spring Newsletter, to be prepared by the RPM

Budget

- Approximately \$30,000 of \$74,441 spent for FY14

Next BACWA AIR Committee Meeting: To be determined based on BAAQMD availability, but likely 1/22/14.

BAPPG Committee Report to BACWA Board

Meeting Date: December 4, 2013
 Prepared By: Karri Ving, SFPUC
 BAPPG Chair

Committee Request for Board Action

None

Committee Updates

BAPPG General Committee Meeting on December 4, 2013

- A P2 Language Subcommittee was formed to work with Dylan Garner (RWQCB P2 Manager) to review the P2 language requirements in NPDES Permits with the goal of evaluating reporting frequency and reporting requirements for annual P2 reports. The subcommittee is composed of BAPPG members representing various sized agencies from around the Bay. The subcommittee will solicit input from the full membership to collect issues of concern and desired changes and work with Dylan to determine if any changes are feasible.
- Dave Williams, BACWA Executive Director, attended the BAPPG Steering committee and provided an update on the BACWA review of the financial structure for Special Programs such as BAPPG, AIR and BACWWE. In addition, Dave shared that the BACWA priorities, at this time, are nutrients in SF Bay and negotiating the Nutrient Watershed Permit.
- Janet Cox of the SF Estuary Partnership (SFEP) attended the meeting and provided a brief overview of current work conducted at her organization. SFEP is seeking to partner with BAPPG on campaigns geared towards behavior change. BAPPG will review the SFEP website to assess the potential for partnership opportunities.

Current Project Summary

Project	Description	Timeline	Status
Lunar New Year (Asian Holiday) FOG Campaign	Campaign will include radio and print ads in Cantonese discussing the importance of properly disposing of residential FOG.	January 31 – February 21, 2014	<ul style="list-style-type: none"> • Radio script circulated at meeting
Spanish Holiday FOG Campaign	60 PSAs on residential FOG disposal scheduled (rather than previous year's 90) through Univision media. Leveraging activities occurring at local markets to further the campaign outreach in East and south Bay regions.	Thanksgiving 2013 – New Year 2014	<ul style="list-style-type: none"> • Started in Thanksgiving, continuing through New Year holiday • Univision interested in continuing campaign next year • Offered to distribute other BAPPG materials at events

BAPPG Committee Report to BACWA Board

Project	Description	Timeline	Status
Safe Disposal of Pharmaceuticals Grant Opportunity	San Jose is jointly submitting two grant proposals from the Santa Clara Valley Water District to establish 50 pharmaceutical take back sites in Santa Clara County, and to develop public education regarding current threat of unwanted medicines to SF Bay.	February 2014 - ongoing	<ul style="list-style-type: none"> Grant awards to be announced in February, 2014
Operation "Big-Wipe"	A State-wide case is being developed by a San Francisco Deputy Attorney and Criminal Investigator with the help of the SFPUC which would require better labeling and definitions of "flushable" wipe products.	December 2013 - 2014	<ul style="list-style-type: none"> SFPUC seeking municipalities and agencies to partner on case SFPUC scheduling treatment plant and sewer system tour to show CI's the pipes and infrastructure most prone to wipe clogs
Baywise Website Management Training	Baywise website subcommittee is working on improving the Baywise website so that it can properly function as a clearing house and central location for all P2 information in the Bay Area	December 2013- ongoing	<ul style="list-style-type: none"> Website editing training conducted by website manager and attended by subcommittee Focus is on search engine optimization and website visibility Additional content to be developed at upcoming subcommittee meeting
Social Marketing Contract	A social marketing contract is being pursued to better coordinate the outreach, and provide professional social media outreach for current and future projects. Budget based on existing project needs.	December 2013 – February 2014	<ul style="list-style-type: none"> RFP development underway Social media companies identified

Date of Next BAPPG Meeting

BAPPG Steering Committee Meeting
January 2, 2014: 9:00am-10:00am
Conference Call

BAPPG General Meeting
February 5, 2014: 10:00am-12:00pm
1515 Clay Street, Second Floor, Room 12
Oakland, CA

Laboratory Committee –
Report to BACWA Board

Laboratory committee meeting on: 11 Dec 13
Executive Board Meeting Date: 20 Dec 13
Committee Chair: Nirmela Arsem

Committee Request for Board Action: Request to attend NELAC (National Environmental Laboratory Accreditation Council) Forum on Laboratory Accreditation.

11 attendees representing 10 BACWA member agencies attended the meeting which was also included annual holiday celebration.

Presentation:

- Mary Lou Esparza presented the findings from a special study conducted over three months by CCCSD when they discharged to Pacheco Slough. The study results did not support the predicted increase in HAB with increase in ammonia; and algal growth did not correlate with to increase in nitrate concentrations. The results are being prepared to be published in a peer reviewed journal.

PCBs sampling and analysis guidance document:

- The work group for updating the PCBs sampling and analysis guidance document, consisting of POTW members as well as commercial laboratories, met with SF RWQCB staff Robert Schliff and gave a presentation on their findings and significant updates to the guidance document. Robert provided feedback which has been incorporated in the updated version. The final document is expected to be released in January.

Regulatory updates:

- Nutrients: negotiations update, NNE SAG meeting on Friday, December 6, governance structure, assessment framework for understanding the data, and plant optimization studies
- SF RWQCB staff update provided at the permit committee meeting on December 10
- Storm water diversion
- Selenium TMDL for the north bay

ELAP audits:

- Vallejo sanitary and flood control district laboratory was audited by ELAP in November. The auditor did not conduct an exit interview but sent the audit findings within a week of his visit.

Announcements:

- BACWA Lab committee sponsored ethic training (for laboratory as well as field staff responsible for sample collection) will take place on 07 January 2014, at EBMUD headquarters. Interested members are requested to e-mail wfong@ebmud.com due to limited seating.
- There will be no lab committee meeting in January due to the training.
- BACWA annual meeting on 30 January 2014.

Annual work plan status:

Date	Topic	Status
Aug-13	Needs assessment	Completed
Sep-13	Work plan consensus and development	Completed
Oct-13	NPDES permit related reporting	Completed
Nov-13	Nutrient watershed permit - monitoring requirements, discussion with David Senn	Completed
Dec-13	Nutrients - presentation by Mary Lou & Holiday celebration	Completed
Jan-14	Ethics training for field and laboratory	
Feb-14	Elements of an SOP as required by Method Update Rule (MUR)	
Mar-14	Data review guidelines	
Apr-14	How to acquire Alternate Test Procedure certification	
May-14	GLP: log books	
Jun-14	New technologies	

Next BACWA Laboratory Committee Meeting: Thursday, February 13, 2014, at EBMUD Laboratory Library.

Permits Committee –
Report to BACWA Board

Permits Committee Meeting on: 11/19/13 and 12/10/13
Executive Board Meeting Date: 12/20/13
Committee Chair: Tim Potter

Committee Request for Board Action: None

11/19/13 Permits Committee Meeting - 25 attendees representing 18 BACWA member agencies;

Adoption of Permits/Permit Amendments:

December: Millbrae – No issues. Millbrae’s permitting consultant discussed how they used Burlingame’s and the SF Airport’s recent permits as templates during negotiations.

January: None for BACWA members

February: None for BACWA members

Report out from Pardee Technical Retreat and 11/20/13 BACWA Board meeting

- Mike Connor Gave an overview of the Pardee Technical Retreat, including the meeting with the Regional Water Board on the final day of the retreat. The first day of the retreat covered procedural BACWA issues, and the next two days were largely occupied by nutrients discussions.
- Major topic of discussion, other than nutrients, at the 11/20 Board meeting was the IRWMP. Harry Saraydarian gave a presentation in person, and Brian Campbell gave a presentation by phone on the Proposition 84 Round 2 funding scoring and potential Round 3 strategies. There was discussion about whether BACWA agencies want to propose a regional project. If there’s interest, a meeting will be set up in early January (8th or 9th) to discuss the possibility.

Nutrients:

Watershed permit negotiations – Lorien Fono gave an overview of the watershed permit negotiations status. The latest update (subject to change) on the four tenets are:

- *Monitoring* – POTWs will monitor nitrate+nitrite, TKN, ammonia, total phosphorus and soluble reactive phosphorus, at a slightly reduced monitoring frequency compared to the 13267 letter. Parameters and monitoring frequency may drop after 2 years at the discretion of the scientific team. Robert Schlipf provided a draft MRP for BACWA’s review.
- *Support for Studies* – The permit will specify a level of support over the five-year permit cycle that will include funding for both studies and monitoring. If monitoring is decreased, then support for studies will increase commensurately.
- *Caps* – The Regional Water Board has agreed that in lieu of caps, dischargers will provide an annual report summarizing their nutrient monitoring data, and providing an analysis of trends. BACWA will provide proposed permit language for this approach. An option for group reporting through BACWA will be included.
- *Facilities Plans* – BACWA is proposing permit language on a plant-specific study of optimization opportunities, and a regional study of upgrade and alternative discharge opportunities.

Tim Potter gave a summary of CCCSD’s facilities plans. Their effort has been costly, and their planning is effected by problems with contaminated soils from a historic issue.

- *Governance* – The details of the steering committee are still being worked out. Meanwhile, the pseudo-steering committee, made up of BACWA and Regional Water Board representatives, is continuing to meet. Dave Ceppos, the facilitator who is helping do develop the steering committee structure, will give a presentation on the results of his stakeholder interviews on at the pseudo-steering committee meeting 11/20.
- *BACWA Nutrient Symposium* – Presentations from the meeting are posted on the [web](#).

Stormwater Diversions

- A list of potential impediments to implementing stormwater diversions, based on the 2010 [BACWA White Paper](#), was distributed before the meeting. The major concerns that were discussed at the meeting were the potential for violations due to pass-through, as well as control over diversion flow and reversibility, from both a perspective of operations control, as well as controlling capacity for future hookups. There was discussion over whether POTWs would levy capacity charges on stormwater agencies.

The group discussed the concern about how treating first flush is unprecedented, since communities in Southern California only treat dry weather flow. Also, there were questions about who defines what first flush is and after how long a dry spell would it occur – possibly several times per wet season.

There were questions about the environmental benefit of diversions; if all “hot spots” were addressed, that would still only capture 25% of the PCB discharges to the SF Bay. There was discussion about how industrial site cleanup is a better solution than diversions for addressing PCB “hot spots”, and that regulators have failed to take enforcement action against owners of known industrial hot spots. There was a discussion about how diversions may be better suited to addressing discharges of pesticides and low DO water rather than PCBs.

Tom Hall reported that stormwater agencies have been complying with the diversion pilot study provisions in their permits by diverting stormwater into 500 gallon tanks.

The consensus of the group is that while some agencies are receptive to accepting some discharges, site-specific considerations are paramount, and there are no universal diversions solutions. BACWA will continue to solicit input on the summary of impediments document from members with the intent of providing the final document to RWQCB in early 2014. The more receptiveness for specific diversions (e.g. low DO in pumping stations) will be communicated.

Blending

The 8th circuit court of appeals ruled against EPA's efforts to limit blending. This impacts the Region 2 requirement for agencies conducting blending to perform no feasible alternatives analyses. NACWA is looking for information about how the different EPA regions are implementing the court ruling. BACWA will send NACWA a list of agencies that blend and when their permits are up for reissuance.

Informational Items/Announcements

- *North Bay Selenium TMDL* – Barbara Baginska is setting up a meeting with North Bay dischargers in January. South Bay dischargers are also welcome to attend, since the methodology used for the North Bay selenium TMDL will be used for the South Bay TMDL down the road.
- *PCBs Reporting Protocol Update* – The BACWA protocol for PCBs sampling, analysis and reporting via method 1668C has been updated by a group from the Lab committee. They will present the updated protocol to the Regional Water Board staff. If accepted, the modified protocols will be distributed to dischargers. The intent of the updates is to reduce the variability in sample data between labs, and minimize blank contamination.
- *Pretreatment Committee* – The BACWA Board approved the formation of a new Pretreatment Committee. There was very good attendance at the last meeting, with 24 different Bay Area Pretreatment Programs (out of 27 in the Region), two USEPA staff, two programs outside Region 2, and two consultants. The Committee will meet quarterly.
- *CECs* – Tom Mumley requested that BACWA provide a list of volunteer POTWs who would be willing to participate in CECs monitoring. Participation can be semi-anonymous. This effort is part of the risk-based monitoring and management framework Tom has described in the Pulse of the Estuary, as well as part of the 2012 State CECs Panel recommendations. The goal is to provide sufficient volunteers, and continue to avoid having CECs monitoring placed in permits, as is done in the Los Angeles Region. Karin North will send out an email soliciting volunteers.
- *California Department of Food and Agriculture Manifesting Requirements* – The requirements to manifest inedible kitchen waste are now in effect. Monica Oakley mentioned there is a recent New Yorker article on grease haulers.

Succession Planning

- Cynthia Royer (Daily City) and Meg Herston (FSSD) have both volunteered to take on committee leadership. Tim will work with them to determine succession options.

Next BACWA Permits Committee Meeting: Tuesday, December 10th, 2013, at EBMUD Plant Library.

12/10/13 Permits Committee Meeting - 15 attendees representing 9 BACWA member agencies Regional Water Board Staff in attendance

Adoption of Permits/Permit Amendments:

March – Sonoma Valley County Sanitation District (TO not yet published). EBMUD wet weather facility will be pushed out to approximately June.

Report out from Regional Water Board Staff (Bill Johnson)

- Staffing levels continue to be flat at the Regional Water Board. Bill Johnson gave a presentation on 2014 NPDES division priorities at the November Regional Water Board meeting, which were:
 - Reissue NPDES permits according to schedule and work plan provided to U.S. EPA
 - Issue region-wide NPDES permit for nutrients
 - Issue new NPDES permits for Lehigh's Permanente Quarry, San Francisco PUC's Pulgas water treatment facility, and potable water distribution facilities region-wide (or assist the State Water Board to issue a multi-regional permit for such facilities)
 - Increase inspection of wastewater facilities due to cuts in U.S. EPA contractor funding
 - Inspect wastewater collection systems and audit management plans to check for accurate reporting and best practices to reduce sewage spills
 - Review discharge monitoring reports to verify compliance with permit requirements
 - Work with the Bay Area Pollution Prevention Group on regional pollution prevention efforts
 - Pursue and track enforcement for all the Board's programs consistent with the priorities specified in the Division's October 2013 report to the Board

Since the Regional Water Board does not have additional resources to take over inspections from EPA contractors, they will need to be strategic about how they plan inspections. EPA has some budget to train Regional Water Board staff to do inspections.

- Toxicity Plan – Bill Johnson reported that the latest he heard from the State Water Board is a draft will be issued for public comment no earlier than late winter 2014, with adoption planned for spring/summer.

Nutrients:

- *Watershed permit negotiations update* – Dave Williams reviewed the four tenets of the watershed permit (described in November meeting Board Report). The internal negotiating team last met on 12/5, and delivered proposed permit language to Robert Schlipf to consider incorporating into the permit. Robert completed a first draft of the permit which is undergoing internal Regional Water Board review. They intend to deliver an administrative draft to BACWA and the EPA by 12/18, and meet again with BACWA the week of 1/13/14. The goal is a spring adoption (April 2014 Board meeting), with a 7/1/14 effective date; timed to take over after the monitoring required by the 13267 letter ends. All BACWA member agencies will have the opportunity to review the administrative draft order, but are encouraged to submit comments through BACWA.
- *Governance Committee update* – The facilitator, Dave Ceppos, is developing a draft charter, which he plans to deliver to the stakeholders by Christmas. SFEI is drafting a Science plan that will incorporate the decision trees. The studies are projected to cost about \$3M per year for the next five years. There is a significant shortage of secured funding at this time.
- *Stakeholder Advisory Group (SAG) meeting 12/6 report out* – The major topic of discussion at the SAG meeting followed Martha Sutula's presentation of the Assessment Framework that will govern decisions about SF Bay impairment. The Assessment Framework development involves closed-door meetings of local and national scientific experts, but, as presented, does not include involvement by local stakeholders. SAG members present expressed concern about this structure and provided input on how to better involve stakeholders without adversely impacting the expert panel's work. Martha and Naomi are considering this SAG input and plan to propose a mechanism for getting stakeholder input before the Assessment Framework is finalized. The future SAG meetings will depend on the final governance structure. It is possible that the meeting frequency will drop to twice per year. Dave Senn gave a presentation on low DO in the Lower South Bay and the Bay margin habitats. DO concentrations are governed by the tides, with low DO at times of slack tide.

Stormwater Diversions

- Tim Potter has updated the list of potential impediments to POTWs implementing stormwater diversions based on input from the committee. Bill Johnson listened to the POTW concerns and said that some regulatory relief might be possible through Basin Planning. This issue will be discussed at the January Permits Committee meeting to brainstorm possible solutions to the impediments. Goal is to bring the updated document to the planned January joint meeting between BACWA and the Regional Water Board.

Informational Items/Announcements

- Members' meeting – The meeting is January 30 at the Boy Scouts Council in San Leandro. More information and the agenda will be posted on the [web](#) when available.
- *North Bay Selenium TMDL* – Those interested in attending the January 14, 10am, meeting at the Water Board offices should RSVP to Lorien Fono.
- *PCBs Reporting Protocol Update* – The updated BACWA protocol for PCBs sampling, analysis and reporting via method 1668C is being finalized by a group from the Lab Committee. It will likely be published by January 1, 2014 to be in effect for the next reporting year. A key feature of the update is that it includes proposals for PCB congener reporting through CIWQS. A member of the Lab Committee will give a presentation at the January Permits Committee meeting.
- *Proposition 84 Round 3 Funding* – BACWA is exploring the possibility of proposing a Regional project for Proposition 84 Round 3 grant funding . There is potentially \$73M available to the San Francisco Bay Region, and Regional projects need to request at least \$5M. If there is interest, there will be a planning meeting in January (on the 8th or 9th), and a project proposal would need to be developed by May for adoption in the [Bay Area IRWMP](#). Moored sensors for monitoring the San Francisco Bay may be a feasible project to propose for the Region. For more information, see the [Recycled Water Committee meeting notes](#).
- *Oberon Fuels Proposal* - Oberon Fuels, company that makes biogas into dimethyl ether for transportation fuel, is looking for a wastewater treatment plant to partner with. Their proposal has been distributed to the AIR, Biosolids and Permits Committees. Dave Williams asked if any BACWA member agencies currently flare their biogas, but no one knew of any.

Succession Planning

- Meg Herston (FSSD) has agreed to serve as Vice Chair for the Committee starting in January and will take on Committee Chair in July 2014. Amanda Roa (DDSD) will be Vice Chair starting in July 2014.

Next BACWA Permits Committee Meeting: Tuesday, January 14th, 2014, at EBMUD Plant Library.

Committee Request for Board Action: None.

**14 attendees (5 on phone) representing 6 BACWA member agencies, 3 water agencies.
Meeting minutes are posted [online](#).**

Round 2 Prop 84 Updates

Other Regions have filed protests about not getting their requested funding. The DWR said they have never changed their recommended funding after their initial decision. DWR assured the Bay Area Coordinating Committee (BACC) that if they did decrease the Bay Area funding, then they would call first. There is no known timeline for a final funding decision.

Round 3 Prop 84 Updates

DWR released the tentative [schedule](#), which begins in Summer 2014 with the project solicitation package. Final proposals will be due during the winter of 2014/15. \$73 million will be potentially available for the Bay Area. Projects should be ready to proceed into construction between 2016-2021, with construction completion by 2021.

The BACC's Draft Request for Regional Concept Submittals is included in the [December CC meeting packet](#). The BACC has been working on prioritizing concepts. They will issue a call for regional project concepts in January 2014, with final submission in March 2014. The project steering committee (PSC) will review and develop ranking criteria to determine which projects will make it into the regional proposal. New projects need to be submitted to the BACC and PSC, then incorporated into the plan before the May adoption deadline. The PSC is deciding whether to carve out funding percentages on Regional vs. subRegional basis, but will wait for project concept submittals and DWR guidelines to be posted before making decision.

BACWA will convene a meeting in early January 2014 to brainstorm possibilities for Regional projects when Brian Campbell will be in town – probably January 8th or 9th. This meeting will be open to all members of the wastewater/recycled water community. Individuals who are interested in meeting should contact Lorien Fono. Linda Hu will send out a request for ideas on regional and subregional projects.

BAIRWMP Updates

After the DWR finished its review of the BAIRWMP (by approximately February 2014), the BACC will incorporate the DWR edits, then the Plan will be ready for approval by the BACC and adoption by agencies that are pursuing, or have received, Proposition 84 funding. The Proposition 84 Grant contract with DWR requires adoption of the BAIRWMP by May 11, 2014. The BACC will provide draft template language to assist agencies that will adopt it. More information will be posted on the [bairwmp.org](#) website.

Besides being available [on the web](#), hard copies of the plan are available at each sub-region including EBMUD for the east sub-region.

Legislation Updates

The drinking water program will be reorganized under the State Water Board. The Bill (AB 145) failed, but was adopted by the Governor's office. Changes in the drinking water program should be implemented by July 1 2014. A key issue for WateReuse in this reorganization is that permitting for potable reuse programs should be under the State Water Board, rather than the Regional Water Boards or independent health departments, so there is a uniform approach to the program.

A summary of key permitting responsibilities:

- Drinking water program is currently under CDPH, but will move to State Water Board.
- State Water Board can issue water recycling permits under its general landscape irrigation permit, and can review individual permits from the Regional Water Boards.
- Nonpotable reuse and groundwater recharge projects will continue to be permitted through the Regional Water Boards
- CDPH has had agreements with county health departments in certain areas to provide oversight for projects, and while there is interest in maintaining these relationships, there is concern to make sure they don't add to the regulatory burden.

Salt/Nutrient Management Plan Template

There will be a presentation at the January meeting

Next BACWA Recycled Water Committee Meeting: To be determined based on the availability of the speakers for the Salt/Nutrient Management Plan presentation.

NUTRIENTS: Completed a variety of tasks and activities associated with BACWA's interests on nutrients and collaborating with the Water Board including:

- Attended the second Governance Steering Committee Meeting. Discussed the results of the facilitator's interviews and potential next steps in formally establishing the Steering Committee. Also discussed the latest revisions to the governance organization chart. Next Steering Committee is set for November 25th.
- Attended the third Governance Steering Committee Meeting. Discussed costs for implementing the Science Plan and what regulatory actions might be taken under differing findings and conclusions from the scientific investigations.
- Held the second internal meeting of the BACWA Watershed Permit Negotiating Team to edit the draft sections of the permit.
- Held the second joint Negotiating Team Meeting with the Water Board. Made good progress and agreed to several aspects of the Watershed Permit and identified areas needing further editing. The WB felt that there was agreement on all concepts and will provide their edits within a week for review by the Team.
- Attended the December SAG meeting. Reviewed the WB's priorities for 2014; voiced concern about the proposed Expert Panel for developing the Assessment Framework not having any discharges among its members.
- Met with B&C senior management to discuss their interests in becoming more involved in the Bay Area nutrient issues and coordination with BACWA.
- Met with Bob Whitely to discuss the role of ReNUWit in promoting application of research at Bay Area POTWs.

BACWA BOARD MEETING:

- Worked with the AED in preparing the November monthly BACWA Board agenda including reviewing the agenda with the chair.
- Attended the monthly BACWA Board meeting and worked with the AED in preparing minutes and action summary.
- Continuing to track all action items to completion.

ASC/SFEI:

- Participated in Executive Committee conference calls to discuss the plan for replacing the Interim Executive Director who recently announced that she had accepted a new job.
- Participated in the interviews for the new Interim Executive Director.
- Attended the ASC/SFEI Board meeting which focused on Board review of the Implementation Plan for the previously developed Strategic Plan.

AIR COMMITTEE: Attended the bimonthly AIR Committee meeting which focused on updates of the regulatory arena.

BAPPG:

- Attended the monthly BAPPG. Discussions centered on budget, programs, and communications.
- Discussed the idea of incorporating BAPPG into the BACWA Committee structure and solicited feedback which in general was positive.

RECYCLED WATER COMMITTEE: Attended the monthly Recycled Water Committee meeting. Discussed Prop 84 Round 3 funding opportunities and the plan for re-locating recycled water regulatory oversight from CDPH to the SWRCB.

COLLABORATION:

- Coordinated with the CASA ED on topics on mutual interest (i.e. nutrients, toxicity, utility leadership committee)
- Attended the quarterly Managers Roundtable Meeting and discussed ReNUWit, BAB2E, and recycled water programs.

ORGANIZATIONAL EFFORTS:

- Worked to set up a Special Board Meeting for BACWA to discuss several key outstanding issues.
- worked on finalizing the agenda for the Annual Meeting and inviting key speakers.

ADMISTRATION:

- Signed off on invoices, reviewed correspondence, prepared for upcoming Board meeting, responded to inquiries on BACWA efforts, oversaw updating of web page and provided general direction to BACWA staff.
- Provided written report of avoidance of conflicts of interest associated with previous employment and current elected position.
- Worked with the RPM in the preparation of the monthly BACWA newsletter.

MISCELLANEOUS MEETINGS/CALLS:

- Participated in the TriTAC monthly conference call
- David Senn on nutrient issues
- Paul Gilbert Snyder on Prop 50 and Prop 84
- BACWA chair and Committee chairs on items that arose during the month
- Water Board staff on coordinating the nutrient activities
- Jim Kelly on nutrient assignments
- other misc calls and inquiries regarding BACWA activities

Attachments:

- 1) NACWA Amicus Brief Memo
- 2) Bay Protection and Behavior Change Group Memo
- 3) Status on Action Items from November 15, 2013 BACWA Executive Board Meeting
- 4) BACWA Board Calendar (outline of upcoming meeting agenda items) - BODCAL

To: Board of Directors
From: Ken Kirk, Executive Director
Date: December 4, 2013
Subject: LITIGATION REQUEST FOR NACWA PARTICIPATION IN POTW PERMIT APPEAL BEFORE U.S. ENVIRONMENTAL APPEALS BOARD

This memo requests NACWA Board of Directors authorization for NACWA participation on an *amicus curiae* brief in a U.S. EPA Environmental Appeals Board (EAB) administrative appeal involving nutrient limits in a public owned treatment works (POTW) discharge permit. The major issue presented is whether the permit must include true daily maximum limits for nutrients rather than weekly/monthly average limits, and has significant national implications regarding how nutrient limits may be expressed in POTW permits. Additional details on the litigation are outlined below.

NACWA would participate in this case as part of a joint brief with the Wet Weather Partnership and a coalition of six state municipal wastewater associations. NACWA's financial contribution of \$5,000 to the joint effort would come from the Fiscal Year (FY) 2014 General Legal Fund, and no FY 2014 Targeted Action Fund (TAF) resources are being requested for this matter.

Amicus briefs in this appeal are due on December 23, 2013. Due to the time sensitive nature of this appeal, we are requesting that Board members vote electronically on this litigation request. Votes can be submitted electronically online via Board Effect – instructions for casting votes on Board Effect are attached to this document. Board members are asked to please cast their votes no later than **5:00 PM Eastern Time on Monday, December 9.**

Board members with questions about this litigation request are encouraged to contact Nathan Gardner-Andrews, NACWA's General Counsel, at ngardner-andrews@nacwa.org or 202-833-3692.

Litigation Background & Proposed NACWA Involvement

The case, *City of Homedale Wastewater Treatment Plant*, involves a challenge by an environmental activist group to a National Pollutant Discharge Elimination System (NPDES) permit issued by EPA to an Idaho municipal wastewater treatment facility that allows discharges of total phosphorus (TP) at levels that exceed the number of pounds per day allowable under the Snake River's total maximum daily load (TMDL). The POTW permit at issue was crafted by EPA (Idaho does not have delegated authority to implement the NPDES program) with a weekly TP average limit, which is common for nutrient limits in many POTW permits, as opposed to a maximum daily limit. However, the environmental plaintiffs challenged the permit, arguing the TP limits must be expressed as actual maximum daily amounts, not a weekly average. Because the permit was issued directly by EPA, the appeal was filed with the EAB.

This appeal before the EAB could have broad national implications on how to set "daily" discharge limits for nutrients, not only for permits issued directly by EPA but also for permits issued by all delegated states under Clean Water Act authority granted by EPA. It also presents important legal questions

involving the interplay between water quality standards expression, TMDL development and NPDES permitting.

Additionally, this case may test how strictly a previous federal court decision regarding daily discharge limits applies to specific terms in POTW discharge permits. In 2006, the U.S. Court of Appeals for the District of Columbia ruling in *Friends of the Earth v. EPA* held that TMDLs for the Anacostia River in Washington, DC, must be based on strict "daily" limits, rather than annual or seasonal limits. Thereafter, EPA issued guidance that all TMDLs and associated load allocations and wasteload allocations be expressed in terms of daily time increments. However, EPA reserved flexibility for how the time increments are expressed in individual discharge permits when implementing TMDLs. In other words, the ruling did not affect the NPDES permitting authority's ability to use other unspecified units of time if it is impracticable to calculate daily, weekly or monthly limitations.

NACWA was involved in the 2006 litigation to support a more expansive interpretation of the "daily" discharge requirements in TMDLs, and has been pleased with the flexibility EPA has shown in implementing the decision with regard to specific permit requirements. However, this new challenge before the EAB threatens to end the ability of EPA and the states to use more flexible weekly or monthly averages for nutrient limits in individual permits.

NACWA member utilities in Idaho have been tracking the current case and have recommended the Association's involvement in the litigation. But this case is also of particular importance to NACWA members nationwide because of the technological and financial challenges posed by daily maximum nutrient limits. Most existing nutrient limits are based on annual, seasonal, or monthly averages and the technology to achieve those limits will not meet daily loadings if set at, for example, 1/30th of the monthly average, should daily maximum limits be required.

NACWA participation in this case will allow the Association to provide a critical national perspective on the issues involved. This is especially important because rulings from the EAB have a significant impact on EPA policy nationwide. Among the key arguments NACWA will make in the case is that permitting authorities have discretion to translate TMDL daily targets into more flexible and appropriate average limits in specific permits, especially for nutrients. NACWA will also support the existing flexibility that EPA has shown in implementing daily limits into individual discharge permits such as the one at issue here, and outline the significant national repercussions that could occur if the EAB were to limit this practice.

Other groups joining on the *amicus* brief with NACWA and making a financial contribution to the effort are the Wet Weather Partnership, the North Carolina Water Quality Association, the South Carolina Water Quality Association, the West Virginia Municipal Water Quality Association, the Association of Missouri Clean Water Agencies, the Virginia Association of Municipal Wastewater Agencies, and the Maryland Association of Municipal Wastewater Agencies.

Electronic Vote via Board Effect

Please see the attached instructions for voting online via Board Effect. Board members are requested to please cast their votes no later than 5:00 PM Eastern Time on Monday, December 9.

From: Honore, Athena@Waterboards [<mailto:Athena.Honore@waterboards.ca.gov>]
Sent: Wednesday, December 11, 2013 11:42 AM
To: Cheryl Wessling (Cheryl.Wessling@sanjoseca.gov); Dave Williams; Geoff Brosseau; Jim Scanlin (jims@acpwa.org); Karri Ving; Kelly, Judy@Waterboards; Matt Fabry (mfabry@co.sanmateo.ca.us); Melody Tovar (MTovar@ci.sunnyvale.ca.us); Napp Fukuda
Subject: concluding efforts on Bay Protection and Behavior Change

Dear partners,

Following our last Executive Group meeting, and after several similar discussions within the Executive Group, SFEP recommends putting the Bay Protection and Behavior Change regional branding outreach project on hold. SFEP is dealing with budget cuts and must step down from its role to date as the project lead. If other partners have additional staff or funding resources to take on this lead role, please come forward within the next few weeks. Otherwise, we recommend the following steps:

- Get back to Laurie Carrigan and Margaret Hartwell to let them know that we will not need their services at this time (Napp, on behalf of Elaine)
- Draft & disseminate a wrap-up report of activities to date and lessons learned, to leave an accessible record and to allow the project to be picked up at a later date (see attached)
- Return remaining project dollars to funders, in proportion to their initial contributions (SFEP staff)
- Let the Steering Committee (full group of all participants) know about the halt to active work on the project. SFEP can send out this message after the New Year.

We feel that we have thoroughly explored all options and that this one makes the most sense at this time. We conclude our work on this project with all partners recognizing the need to work together in a more uniform way on outreach across the region, although we weren't able to arrive at a workable regional outreach brand with the limited resources available. We want to thank you and everyone for their hard work, energy, and time on this unique and visionary project. We didn't make the progress we had hoped, but we hope all of you will continue to look for future opportunities to pursue this project's goals of maximizing effectiveness of public outreach on Bay pollution issues.

Thanks,
Judy Kelly

Athena Honore
Communications Officer
San Francisco Estuary Partnership
Association of Bay Area Governments
1515 Clay Street, Oakland CA 94612
Phone: 510-622-2325 / Fax: 510-622-2501
www.sfestuary.org

FROM: Judy Kelly, San Francisco Estuary Partnership

TO: Bay Protection and Behavior Change Executive Group

DATE: December 6, 2013

SUBJECT: Recommendation to Wrap Up the Bay Protection and Behavior Change Effort

The Project's Initial Goal

The Bay Protection and Behavior Change group came together to create a unified regional brand for pollution prevention outreach in the Bay Area, and to create a framework for rolling out that brand in a series of coordinated pollution prevention campaigns over the next decade. People's homes, workplaces, and shopping and recreation areas span many jurisdictions, and this effort sought to unify pollution prevention work across those areas to more effectively reach its target audience. The brand would serve as a unifying marker, helping to create awareness and recognition and connecting pollution prevention efforts. The individual campaigns themselves would seek behavior change around specific pollutants.

The group sought to create a regional brand as a first task, envisioned as a logo graphic with a tagline that would apply to campaign visuals, accompanied by usage guidelines. The brand would be launched and then applied to a series of coordinated pollution prevention outreach campaigns. The BPBC group would operate through a framework of coordinated effort among the numerous stormwater and wastewater entities in the Bay Area and community partners, termed an "Eco-Net" following the Puget Sound Starts Here model.

Actions Toward the Goal

The group came together to explore the effort in May, 2011, and began to work together seriously at that time. See the following document for a detailed chronology of activities to date. The group produced several logo designs that were considered extensively in 2012 but deemed inadequate. Most of 2013 was spent looking for ways to address problems the group faced.

Roadblocks Encountered

The group's work ran into a number of obstacles:

- **Staff turnover made it hard to keep momentum.** There was much transition of both staff and leadership. While the project's working group was always fairly lightly staffed to complete its tasks, the loss of two key staffers to family leave during parts of 2013 stalled progress.

- **The designs produced were not compelling.** The group worked with a “curated crowdsourcing” design agency in hopes of generating a low-cost, high-quality design. However, the agency’s pay structure for designers meant that each received a very low fee for initial work, which seemed to correspond to a low level of effort. The designers showed a poor grasp of our coalition and its goals, producing designs that were more appropriate for water conservation than water quality. The products didn’t attract a critical mass of support from the group. A second attempt at design with an outside firm produced a set of logos which again did not hit the mark: too complex and again showing a poor grasp of stormwater and wastewater pollution issues despite significant time spent in meetings with the designers.
- **Procedural issues.** The group began its work with a collaborative and consensus-based model, seeking input from the full group on every decision. In retrospect, it would have been more effective to develop materials in a small group, develop them to a satisfactory state with buy-in from funders at the Executive Group, and then present them to the full group. There was also difficulty in having participants involve their agencies outside of their participation in the group; at times it was difficult to tell whether participants were expressing their own preferences or representing their agency.
- **Partners were not fully on board.** Outreach efforts were not considered a top priority by some partners, leading to concerns over spending time and resources to optimize a low-priority area.
- **Enough resources weren’t available.** The group raised \$35,000 in initial commitments from partners, with the understanding that further resources might become available once a brand was developed. The group expended about \$18,000 in the consultant efforts, and recognized that a much greater level of funding would be needed to support the project, provide consistent staff support, develop the brand, develop and implement a brand launch plan, and coordinate implementation of the pollution prevention campaigns. Finally, Federal sequester cuts to SFEP budget left the Partnership unable to continue as lead staff on the effort.
- **Sticky wickets.** Several sticking points were not able to be brought to resolution: what to call the Bay-Delta-Ocean area, how to include creeks in the name, and some disagreed that the project should be San Francisco Bay-specific and favored broader applicability.

Recommendations

Despite our continued belief that a unified pollution prevention/reduction brand and associated campaigns are in the best interest of the region, we feel that we have fully explored ways to resolve the issues facing the project and are not able to make sufficient progress on them at this time. We recommend putting the project on hold until renewed interest and further resources become available. Documentation of the project’s efforts is housed at SFEP and can be made available as needed.

Attachment

Recap: Bay Protection and Behavior Change Efforts to Date

FROM: Athena Honore and Judy Kelly

TO: BPBC Executive Group

DATE: December 6, 2013

SUBJECT: Recap: Bay Protection and Behavior Change Efforts to Date

To document progress and allow for easy reference, the following timeline shows meetings, decisions, and process for the Bay Protection and Behavior Change brand development activities to date.

Timeline of activity

May 2011: Group first convened to explore City of San Jose's proposal for joint regional outreach work under a unified regional brand.

June and July 2011 meetings: Discussed scope of P2 campaigns and joint work, decisionmaking, participation, and funding.

October 2011: Steering Committee (SC) reviewed potential approaches to brand development, decided to ***move forward with GeniusRocket***, discussed first campaign to use regional brand (Got Ants, funded by DPR).

December 2012: BASMAA and BACWA voted to fund the regional outreach work at \$15,000 each. ***Total approved funding level: \$35,000*** with \$5000 pledge from SFEP.

January 2012: SC reviewed draft creative brief for GeniusRocket, discussed public review options and decisionmaking process.

February 2012: Executive Group (EG) ***approved the decisionmaking process.***

March 2012: SC drafted mission statement, continued work on creative brief, discussed regional vs statewide applicability.

April 2012: Contract signed with GeniusRocket to provide 25 tagline concepts and 15 logo concepts, taking the top selected 3-5 of each tagline and logo to public review, refining the final selected tagline and logo, and providing basic brand usage guidelines. Work to proceed between April and November 2012.

May 2012: ***Creative brief finalized***, SC meets to review criteria for evaluating taglines, discuss first round of taglines.

July 2012: SC meets to assess logos according to scoring criteria, scores are summarized and **top first round logos/taglines are selected:**



August & September 2012: WG compiles feedback and directs GeniusRocket re improving logos. WG asked for #s 4 and 5 to be refined as well.



September 2012: GeniusRocket returns **revised (second round) top 5 logos:**



October 2012: 45+ agencies reviewed and public feedback obtained on 2nd round logos (GeniusRocket got public review from 500 respondents, in 9-county Bay Area, conducted online). Topline results:

Both taglines have some problems, and while a couple of logos did rise to the top, they didn't get strong reviews either from the public or from the agencies. Most agencies made the same points: "Clean Water Bright Future" doesn't have any sense of Bay Area identity and evokes drinking water or other even sanitation rather than our area of concern; "Dream Blue" doesn't inspire action; and "Bay Ocean Delta You" can be a little confusing. On our voting scale of 1-5,

with 5 being the best, no logo ranked even as high as a 3. Several agencies said that they supported the goal but didn't find any of the options compelling.

SFEP proposes and **EG approves new round of logos from MIG, funded by SFEP (\$6500)**. Proposed streamlined approval process, but changed to full group review. Direction to MIG includes existing creative brief plus an initial meeting with EG.

SCVWD drafts own logo and forwards to Working Group, no action taken.

December 2012: MIG presents 7 new concepts to EG. Agencies review and score those 7 plus the top one from last round for comparison; public feedback is not solicited.

SCVWD objects that their logo was not considered, considers leaving coalition.

January 2013: EG reviews scoring results and discusses options re moving forward with logos.

Top 3 as ranked by agencies:



Not immediately clear how well logos meet group's objectives (clear, SF Bay-specific element, not to be confused with water conservation). Group scheduled to review Creative Brief and revise if necessary on 2/15/13. **Remaining funding: \$18,300.** Discussed option to use www.baywise.org website and incorporating Baywise into tagline. Commitments remain to the process although additional funding commitment is unclear. Agreed that decision-making power should be formally moved to the Executive Group.

Spring 2013: EG meets in person 2/15 and reviews key sticking points. Decided not to use MIG logos, proceed with revising creative brief based on discussions of key issues. Creative brief is revised and circulated. EG meets by phone 3/26. Work with MIG is terminated. EG to seek new consultants to provide input into process. EG met via phone 4/22 and finalized the revised creative brief.

Summer 2013: Discussions with Eric Eckl of Water Words that Work, Laurie Carrigan and Margaret Hartwell, and Hunter Wimmer and Phil Hamlett of Academy of Art University (School of Graphic Design), seeking their input on how to restart process. Carrigan and Hartwell submit proposal for additional work, but it does not get as far as an RFP for a consultant.

October 2013: EG meets via phone 10/7 to respond to Carrigan-Hartwell proposal (no thank you). Decided to put project on hold and draft a wrap-up report, and then return unspent project funds to the original funders in proportion to their contributions.

December 2013: Wrap-up report is completed and circulated to Executive Group.

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

Number	Subject (Lead)	Task	Deadline	Status
2013.11-99	ASC/SFEI (ED)	Provide an update to the Board regarding Executive Director recruitment efforts.	12/9/2013	Completed Added to Bodcal (12/20/2013)
2013.11-100	BACWA Representation (ED)	Investigate process improvements.	3/2014	Completed Added to Bodcal Dec 20th)
2013.11-101	NACWA Blending Information Request (M. Oakley / RPM / Permits Committee)	Notify agencies of NACWA's request for information on permit requirements for blending.	12/20/2013	Completed
2013.11-102	Fiscal Year 2015 Member Dues	Add to Bodcal as discussion item.	12/9/2013	Completed (Added to Bodcal Jan 6, 2014)
2013.11-103	Committee Reports to Board (ED)	Request regular reports from Committee Chairs.	12/9/2013	Completed Reminded committee chairs via email
2013.11-104	Future Nutrient Workshops (Board)	Provide feedback to ED on proposed topics for future workshops.	12/9/2013	Completed (added to Jan 6, 2014 agenda)
2013.11-105	Nutrients Program Coordinator Concept (ED)	Prepare proposal for Board discussion.	12/9/2013	Completed (added to Bodcal Jan 6, 2014)
2013.11-106	IRWMP (ED)	Schedule meeting with Brian Campbell, Cheryl Munoz, Linda Hu and BACWA members on January 8 th /9 th to consider development of a proposal for a BACWA regional project.	12/15/2013	B. Campbell available to meet, determining interest in holding the meeting
2013.11-107	ReNUWit (ED)	Contact ReNUWit to schedule presentation with a focus on anaerobic secondary treatment for an upcoming meeting. Invite ReNUWit to the February Board meeting to discuss a holistic approach to addressing nutrients in the Bay	1/15/2014	Completed Schedule for Dec 20, 2014 Completed Sedlak will attend
2013.11-108	Annual Meeting (ED)	Incorporate suggestions into draft agenda. Investigate availability of speakers/ presenters.	12/9/2013	Ongoing, speakers have been invited

Action Items Remaining from Previous BACWA Executive Board Meetings

Number	Subject (Lead)	Task	Deadline	Status
2013.08-90	Annual Meeting (AED)	Investigate alternate venues.	10/15/2013	Completed

February 2013 – Present: 106 of 108 Action Items completed.

Board Calendar thru December 2014

As of Wednesday, December 18, 2013 at 2:31 PM

DATE	ASSIGNMENT	STATUS NOTES
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) <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>	
	<u>Other Business: Discussions</u> Annual Member Meeting January 2014 (ED) FY2015 Budget Planning – Process and Deadlines Solano Community College Contract Revisions for WOT (ED) Arleen Navarret Award – Recipient (AED) Regulatory Issue Matrix, Updated (RPM) Proposals for ERS Data Access (RPM) ASC/SFEI ED Recruitment Update (ED) Nutrients Program Coordinator Proposal (ED) Future Nutrient Workshops (ED) Presentation: ReNUWIt, anaerobic secondary treatment (ReNUWIt rep)	
1/6/2014 Special Board Mtg Items due: 12/30 Connor; Pagano; Horenstein; Ervin; Swanson Williams	<u>Other Business: Discussions</u> Future Nutrient Workshops (ED) Nutrients Program Coordinator Concept (ED)	2 hours
1/?/2014 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: Discussions</u> Se TMDL (Barbara Baginska) Orinda Mid-Year Joint Meeting, March 2014 (ED/Board)	
2/21/2014 Monthly Board Mtg Items due: 2/14 Connor; Pagano; Horenstein; Ervin; Swanson	<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)	5m 40m

DATE	ASSIGNMENT	STATUS NOTES
Williams; Fono; Gunnell	RPM Report (RPM) Chair/ED Authorizations (AED) <u>Other Business: Authorizations</u> <u>Other Business: Discussions</u> Annual Member Meeting January 2014 Debrief (ED) FY2015 Budget Planning (ED/AED) Quarterly Update from CWCCG (S. Deslauriers)	
3/?/2014 Orinda Mid-Year Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: BACWA Internal Discussions</u> BACWA Representation – Process Improvements <u>Other Business: Discussions w/ Water Board</u>	
3/21/2014 Monthly Board Mtg Items due: 3/14 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) <u>Other Business: Authorizations</u> <u>Other Business: Discussions</u> FY2015 Budget Planning (ED/AED) Quarterly Update from CWCCG (S. Deslauriers) ReNUWIt Update (B. Horenstein/ M. Connor)	5m 40m
4/18/2014 Monthly Board Mtg Items due: 4/11 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) <u>Other Business: Authorizations</u> FY2015 Budget Approval (ED/AED) <u>Other Business: Discussions</u>	5m 40m
5/?/2014 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: Discussions</u> Pardee Date (ED)	

DATE	ASSIGNMENT	STATUS NOTES
5/16/2014 Monthly Board Mtg Items due: 5/9 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) <u>Other Business: Authorizations</u> Approval of FY2015 Contracts (AED) Approval of FY2014 Amendments (AED) <u>Other Business: Discussions</u>	5m 40m
6/20/2014 Monthly Board Mtg Items due: 6/13 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) <u>Other Business: Authorizations</u> Chair / Vice Chair Nomination & Election (Board/AED) Approval of FY2015 Contracts (AED) Approval of FY2014 Amendments (AED) <u>Other Business: Discussions</u> Quarterly Update from CWCCG (S. Deslauriers)	5m 40m
7/?/2014 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	
7/18/2014 Monthly Board Mtg Items due: 7/11 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) <u>Other Business: Authorizations</u> <u>Other Business: Discussions</u> Board Meeting Calendar for Jan-Dec 2015 (AED) ReNUWIt Update (B. Horenstein/ M. Connor)	5m 40m
8/15/2014 Monthly Board Mtg Items due: 8/8 Connor; Pagano;	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) <u>Reports</u> Committee Reports (Committee Chairs)	5m 40m

DATE	ASSIGNMENT	STATUS NOTES
Horenstein; Ervin; Swanson Williams; Fono; Gunnell	Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED) <u>Other Business: Authorizations</u> <u>Other Business: Discussions</u> Pardee Technical Seminar Planning (ED/AED)	
9/?/2014 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	
9/19/2014 Monthly Board Mtg Items due: 9/12 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) <u>Other Business: Authorizations</u> <u>Other Business: Discussions</u> Pardee Technical Seminar (ED/AED) Quarterly Update from CWCCG (S. Deslauriers) Regulatory Issue Matrix, Updated (RPM) Annual Member Meeting Planning (ED)	5m 40m
10/22 – 10/24 Pardee Technical Seminar Items due: 10/15 Connor; Pagano; Horenstein; Ervin; Swanson Williams; Fono; Gunnell	<u>Other Business: Discussions</u>	<i>No Board Actions Permitted</i>
11/?/2014 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Swanson Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	
11/21/2014 Monthly Board Mtg Items due: 11/14 Connor; Pagano; Horenstein; Ervin; Swanson	<u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting) Annual Audit Report (EBMUD Accounting) <u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board)	10m <i>plus previous month (Aug2013)</i> 40m



DRAFT PLAN FOR TOXICITY ASSESSMENT AND CONTROL: Requested acute toxicity data in 1998-2005 timeframe from SFEI to respond to Lila's request to see a time series of acute toxicity tests with low survival. The time series is intended to bolster the argument that acute toxicity events have gone down over time. The data analysis will be incorporated into the BACWA memo supporting dropping acute toxicity testing for POTWs once the Toxicity Plan is Adopted. A new draft for public comment of the Toxicity Plan is not expected until late winter.

NUTRIENT WATERSHED PERMIT SUPPORT: Attended internal negotiating team meeting and meeting with the Regional Water Board staff. Took notes and distributed meeting summaries. Reviewed and assisted in drafting BACWA's proposed Permit and Fact Sheet language.

REVIEW OF SFEI INVOICES FOR NUTRIENT STUDIES CONTRACT: Reviewed invoices submitted by SFEI for nutrient scientific studies. Through November 2013, they have spent approximately \$52K out of \$675K for FY14 contract.

NORTH BAY SELENIUM TMDL: Working with Barbara Baginska to organize January 24th meeting at Regional Water Board offices. All BACWA members are welcome and should RSVP.

RISK REDUCTION FOR MERCURY/PCBs: Had a discussion with Janice Cook of Region 5 and let her know that Region 2 permittees have continued interest in partnering with the Delta risk reduction effort.

PCB SAMPLING/ANALYSIS/REPORTING PROTOCOL: Reviewed the laboratory committee's updated protocol to improve PCB Method 1668C data quality. Protocol is being finalized, with goal for 1/1/14 publication date to be implemented in the new reporting year.

Hg/PCB PERMIT COMPLIANCE: Discussed compliance status with Robert Schlipf. For 2012 reporting year, aggregate mercury was 3.2 kg (allocation is 11 kg) and PCBs were 1.2 kg (allocation is 2.0 kg).

STORMWATER DIVERSIONS: Updated the list of potential concerns and impediments to implementing stormwater diversions based on Permits committee feedback. Will develop a list of potential solutions to these impediments following the January 2014 permits committee meeting.

BLENDING REGULATIONS: NACWA has requested information about agencies that blend whose permits will be up for reissuance in the near future. They wish to observe how the EPA Regions are implementing the 8th Circuit Court of Appeals decision that EPA does not have the authority to regulate blending. San Francisco/San Bruno, Las Gallinas and EBMUD are the three agencies in the San Francisco Bay Region that blend that have target permit reissuance dates by 6/2015. Put together this information to send to NACWA.

REGULATORY ISSUES UPDATE: Will distribute an updated Regulatory Issues Summary to the Executive Board in mid-January prior to the Annual Members' meeting.

TRI-TAC: Discussed Bay Area Regional Biosolids facility. BAB2E is currently proceeding with two proposals for Regional Facilities – one at West County and once at Delta Diablo. There was also discussion of the new Santa Rosa permits, which includes “no net loading” of phosphorus (to be achieved through nutrient offset projects) and an AMEL for total nitrogen of 10.6 mg/L.

BACWA BULLETIN: Drafted and distributed December BACWA Bulletin.

COMMITTEE SUPPORT: Drafted agendas and Board Report for Permits Committee meeting. Drafted meeting notes and Board Report for Recycled Water Committee. Drafted Board report for AIR committee. Gave a summary of the Watershed Permit tenets at the Laboratory Committee meeting.

MEETINGS ATTENDED: Nutrient Watershed Permit Negotiating meeting (11/8, 11/22 and 12/5 with Regional Water Board), Laboratory Committee (11/13), Permits Committee (11/19 and 12/10), AIR Committee (11/20), Recycled Water Committee (12/4), Tri-TAC (12/12).



**RMP Sources, Pathways, and Loadings Workgroup Meeting
October 23rd, 2013
Meeting Summary**

In Attendance:

Luisa Valiela (EPA)	Richard Looker (Water Board)	Bonnie DeBerry (EOA)
Arleen Feng (ACCWP/BASMAA)	Tom Mumley (Water Board)	Jennifer Hunt (SFEI)
Roger Bannerman (WI DNR)	Khalil AbuSaba Abu Saba (AMEC)	Meredith Williams (SFEI)
Peter Mangarella (Geosyntec)	Jim Kuwabara (USGS)	Don Yee (SFEI)
Greg Shellenberger (USGS)	Rob Carson (Contra Costa County)	David Gluchowski (SFEI)
Michael Stenstrom (UCLA)	Kelly Moran (TDC Environmental)	Jay Davis (SFEI)
Paul Salop (AMS)	Lester McKee (SFEI)	Jing Wu (SFEI)
Chris Sommers (EOA/BASMAA)	Alicia Gilbreath (SFEI)	Nicole David (SFEI)
Barbara Mahler (USGS)	Lisa Austin (Geosyntec)	

Summary of action items from the day

1. In the context of providing a record of the current main management drivers for redesign of our STLS monitoring and modeling program, Regional Board to produce a “1-page” summary of management actions for the workgroup.
2. In the context of a variety of challenges (~~inside and outside of SFEIs control~~) and admitted delays for producing a useable RWSM for sediment, PCBs and Hg loads at the regional and sub-regional scale, layout the timeline for each RWSM modeling step between now and December and ~~to~~ give a date of complete by the ~~+~~ end of next week.
3. In the context of the RWSM being designed as an open source model, identify a few high priority users to receive training as a way of testing the utility of the model [11].
4. In the context of lack of available data on PCBs and Hg for parameterization of more sophisticated models such as HSPF, continue to develop the spreadsheet model being mindful of ways to increase its validity at smaller and smaller scales.
5. In the context of greater information for a lesser cost and more flexibility with regard to permit compliance, Lester and the rest of the STLS local team to come up with a proposed monitoring program for the WY2015 season and send to SPLWG for review and input. Set up and implement a series of face-to-face meetings to refine a set of detailed sub-questions and explore the cost effectiveness and feasibility of various monitoring designs. Factors to take into account include but are not limited to identifying source areas, continuing to support the development of the regional watershed spreadsheet model performance at finer scales of granularity, and emerging analytes of importance. Options on the table include but are not limited to:
 - a. a change in the number of sites, effort (within annual and between year), and analyte list for POC loads monitoring sites,
 - b. implementation of reconnaissance (storm flow) monitoring at both the watershed and site management near-field scales
 - c. testing the deployment of surrogate technologies such as lipid bags

1. Introduction and Overview of SPL activities and Objectives [Meredith Williams]

The group conducted introductions and Meredith Williams initiated the meeting by noting that the speakers have articulated questions throughout the presentations that they would like the workgroup to address. Meredith also laid down a set of basic ground rules to be followed.

2. Answering POC management questions

2a. Check in on the Management questions – how are they evolving?

Richard Looker and Tom Mumley provided a summary on the evolution of management question for PCBs, Hg, and other pollutants. Richard presented 4 management questions:

1. Can we find high leverage watersheds and source areas?
2. What are loads of pollutants?
3. What are the trends in loads?
4. What is the effectiveness of the management strategies?

Richard also discussed what the needs of the urban runoff permit are. The first period of the Municipal Regional Permit (MRP) is coming to an end and there is a need to reflect on what has been learned. The second term of the MRP will take the most promising strategies based on pilot testing and apply them to areas that have been prioritized with a need to further monitor. PCBs are the driving force, but they secondarily benefit Hg and other contaminants. Richard continued to say that regional scale loads for PCBs are less of a priority. Tom Mumley chimed in saying that the current PCB framework treats the Bay as 1 unit and that attention could shift to more focused areas of the Bay (ex. South Bay, parts of South Bay). Richard brought up the Regional Watershed Spreadsheet Model (RWSM) and what improvements could be made to it to get finer resolution estimates of loads. Richard also explained the need to assess effectiveness of LID. Areas with low-medium concentrations of pollutants could employ LID as a broad management measure. He reiterated that management is driven by PCBs and will probably continue to be.

Discussion

Arleen Feng started the conversation saying that we are re-shifting the way the management questions have expanded and taken over a high level focus. Richard Looker described high leverage areas as places that contribute a high mass of pollutant into the Bay, but noted that where the load enters the Bay could have a major impact. There is a difference between a pollutant entering a high energy area where it may be dispersed more easily versus into a sub-embayment that is not very well mixed. He continued to say that we have to rely on the information we have on loads and concentrations in watersheds to base decisions on where to take management action and that there may be a need to focus on the Bay in terms of biology.

Chris Sommers went on to say that we have reached a pivotal point on issues of scale and that we have been focused on the large scale while the management actions are taking place at a street block level. There is a need to focus monitoring efforts at a smaller scale than a watershed for management actions. Tom Mumley mentioned the RMP need to generate information to inform decisions. It may be beyond the scope and affordability of the RMP but it is still a good platform to push municipalities. Bay sediment and fish data could also help in determining what is occurring in the Bay margins/watersheds. [J2]

Richard Looker described pollutants of concern as more than PCBs and Hg. The Water Board is still interested in Se, legacy pesticides, and emerging contaminants. The SPLWG doesn't need to provide much support with regards to Se and legacy pesticides. Richard is confident that the Bay will be delisted for legacy pesticides and that they are becoming a lower and lower priority, but still necessary to sustain focus on localized areas. For other emerging contaminants there isn't a need to find high leverage watersheds since management actions would involve phasing out of certain products.

Tom Mumley also described nutrients as becoming a bigger issue due to the changing physics of the Bay (ex. less turbid). There are algal toxins in the Bay that may be of concern. Jim Kuwabara replied that nutrients shouldn't take a back seat position to PCBs/Hg because they regulate the trophic transfer of contaminants and are especially important to biological targets. It was agreed that there would be more communication of contaminants of emerging concern and nutrients to the SPLWG but there was no discussion how that should functionally occur.

Action Item: Water Board to produce a 1-page summary of management actions for the workgroup.

2b. Monitoring program outcomes [Jennifer Hunt, Lester McKee, David Gluchowski]

Jen Hunt began the presentation by introducing a series of questions for the workgroup:

1. What success criteria indicate when there is sufficient information to answer the MQs?
2. What are the decision criteria for shifting to different watersheds?
3. Do we need to reallocate loads monitoring resources to other efforts e.g. source area monitoring?

David Gluchowski went on to describe the methods that have been used since long term monitoring at the Guadalupe River and Zone 4 Line sites, to the water year 2011 reconnaissance study, to the MRP pollutant of concern monitoring that has been ongoing since WY 2012. Jen then presented the current and futures uses of the data that have been collected and how it applies to identifying high leverage watersheds/source areas, calibration/verification of the RWSM, and determining temporal trends in loads monitoring. The particle ratio data (ranked by watershed) for PCBs and Hg were then shown for 25 sites that have had data collected. Tom Mumley noted that the targets shown for PCBs and Hg are desired future conditions for the Bay. Lester McKee went on to describe the quality of the particle ratio data and how the ranking of watersheds would change depending on the number of samples collected and which storms were sampled. Khalil ~~AbuSaba~~ Abu Saba noted that Lower Marsh (one of the current loads monitoring stations) is at the bottom of the rankings for PCB particle ratio and near the bottom for Hg. Lester then went on to describe the data quality of loads analysis and proposed 2 questions to the workgroup:

1. Are the data representative of climactic variation?
2. Are the data representative of the source-release processes of the contaminant of interest?

Lester proposed that the lengths of monitoring programs could be based on the climactic variability and pollution levels of the individual sites. He examined the long term average PCB load at the Guadalupe River based on 1, 2,3, and 4 years of consecutive sampling with 19 scenarios tested. Jen Hunt then went on to discuss the current amount of information and remaining needs at the 6 POC loads stations. Jen also discussed the cost analysis of difference type of studies (literature review to RWSM to POC loads station) and finished the presentation by proposing some alternative monitoring scenarios.

Discussion

Mike Stenstrom questioned how much dilution with clean sediments we can expect to see as well as ~~as of~~ how far away from reaching the future desired target of PCB and Hg levels in the Bay. Kelly Moran asked if there was a correlation between the size of a storm and whether or not the sediments are clean or dirty. Lester replied saying probably, but the field program is more opportunistic and there isn't necessarily a choice to be made based on storm size. On the topic of particle ratio data quality and variability, Arleen Feng said that high absolute loads aren't important for management actions, but characterizing loads are. The watershed rankings are used to find a range, but management decisions aren't based on the rankings. Chris Sommers added that management won't include diverting 100 square kilometers to treatment, but rather managing at a street block level. The modeling wants best estimates of pollutants, but management looks at disproportionately producing loads.

Roger Bannerman discussed using composite samples as opposed to discrete samples. He was able to stratify by flow when using composite samples. Composite samples also give a better idea of EMC. Arleen Feng responded that analyses were ~~conducted~~ decided on when studying Guadalupe and Zone 4 Line A and it was determined that discrete samples were a better option. Kelly Moran reiterated that there is a potential for dilution of dirty sediment with clean sediment from upstream. Lester responded saying the largest storms do have lower particle ratios. Chris Sommers added that including sample numbers on the yields and loads graphs would be helpful because there is a wide range of samples collected at each site.

Richard Looker wondered if characterizing a yearly load hampers efforts to find high leverage and source areas. He also added that switching focus to capturing storm types that are most dominant and contribute more may be beneficial. Tom Mumley added that this was a good effort at capturing different scenarios and later in the afternoon the group would figure out which options to explore and come to a decision.

Lester added they can come up with the most likely options, and then we will meet with the local STLS to explore them further.

2c. Marsh Creek Case Study (Contra Costa) [Khalil AbuSaba]

Khalil AbuSaba presented on what has been learned from the loads monitoring site on Marsh Creek in Contra Costa County, especially in regards to Hg. He showed the Hg concentration and particle ratios that had been collected so far are not very high at all and that they fall in line with most baseline concentrations throughout the Bay Area. He also called to attention the fact that only one Hg sample collected so far captures water that came from the spillway in the upper watershed. Based on this detailed case study, what information would be needed to support a technical recommendation to reduce or cease monitoring effort at the Marsh Creek in relation to the management drivers?

Discussion

Khalil started the discussion asking if it makes sense to hold off on small storms and wait for large storms. He continued that he still has to meet the required number of storms prescribed in the permit. It was suggested that the site isn't in the right location to see the signal from the mercury mine and that it should've been better suited to be located further upstream. The Army Corps has a much larger study in the same area and the plan is to populate the current dataset and hand it off to the Corp since they have more resources. Kelly Moran wondered if they were interested in the mine site, why a more upper watershed site wasn't selected from the beginning. Khalil replied that they were initially interested in the lower watershed as well and the urban runoff from Brentwood. Now they are confident in the lower watershed numbers and that's why they would like to focus on the larger storm events. The reservoir in the upper watershed also appears to be protecting the lower watershed from high concentrations of Hg.

Khalil reiterated that there was very little information on Hg concentration from the Contra Costa mines so this has been a good investment of resources since no one knew what it looked like previously. Lester added that the Marsh creek study helps to bracket the cleanest and dirtiest watersheds and we are now seeing that it may fall in the cleaner category.

2d. Modeling program using the regional watershed spreadsheet model (RWSM) [Lester McKee]

Lester McKee began the presentation by proposing several questions for the workgroup to consider:

1. What success criteria indicate the model is good enough to answer the MQs?
2. What improvements can/should be made to increase model confidence in regional scale loads and ranking watersheds?
3. Can the RWSM be improved to address the source area emphasis (high granularity) (or would SWMM or some other model be more appropriate)?
4. Are there cost efficient alternative methods that could be considered to answer our management questions?

Lester continued by recounting the reason the RWSM exists and gave an overview of the modeling methods and the available sediment data. The model calibration technique was then described and the results of the sediment model calibration were presented to show how the model is currently overestimating loads. Lester went on to describe the pollutant modeling method, the source area mapping, and the land use based model input coefficients. The preliminary PCB calibration results were then presented along with preliminary sub-regional loads for loads for discharge, sediment, and copper. Lester then described the next steps which include climactic parameterization for the sediment model and exploring different parameterization combinations for the PCB and Hg models. Lester concluded the presentation by asking what the success criteria for the model may be and what future uses of the model could entail.

Discussion

Paul Salop began the discussion asking about clean sediment erosion. Arleen Feng responded saying that the model excludes areas that are behind dams. Tom Mumley asked about the model only being used at the watershed scale and Lester responded saying that the scale of calibration watersheds ranges from >1 square miles to 600 square miles (about half that for the larger watersheds if reservoir area is excluded).

Tom Mumley was curious about the difference between “open” and “open compacted” in the model coefficient inputs and why the “open compacted” had such a high value. Alicia Gilbreath responded that the “open compacted” areas included vacant lots in urban areas. The land use types are based on ABAG 2005, but whittled down to more manageable categories. Chris Sommers added that it’s possible to use GIS and Google Earth to zoom in to areas to see if they have been redeveloped. Mike Stenstrom added that how the land use categories are narrowed down is important and that it’s good to keep good records and to be able to make changes at some future time as more information is gathered. Alicia responded saying the land use categories can be lumped and split as the user dictates.

Kelly Moran asked where the data for the model input coefficients hasve come from. Lester replied saying they are from creeks, stormdrains, curbs and other areas where soils and sediments were collected by BASMAA and SFEI mainly from public right-of-ways and analyzed for PCBs and Hg – there are over 700 data points in the SFEI data base. The data on hand was-were used to find an average concentration in relation to land uses and source areas using a GIS to overlay all the data. Chris Sommers added that the majority of the samples were collected are street and curb dirt from urban landscapes. Roger Bannerman was concerned about the data quality remarking grainsize could confound the interpretations. Chris Sommers responded that preferential sampling for finer grainsize materials occurred as samples were being taken. Some of the samples also had corresponding TOC and particle size analyses (sand-silt split most commonly) performed. In relation to the Santa Fe outlier on the preliminary calibration, Chris asked if there were other source related watersheds used in the calibration and Lester responded that Ettie St pump station and Pulgas North and South data were also used.

Richard Looker suggested that the Cu load from San Pablo Bay West looks much higher than all the other values and suggested a sanity check on Bay data in the area. Questions of when to stop and when is “good enough” came up in the discussion. Lester said that there are no standards or a range of values for goodness of fit statistical parameters. Important to look at the relative order/magnitude and use best professional judgment. A comparison of the model outputs to water and sediment EMCs of pollutants will be used.

Tom Mumley added that they have been anxiously waiting to have the RWSM available as a tool and they recognize there is a degree of caution that must be exercised when using the model. Mike Stenstrom concluded the discussion saying that this is the largest, most significant spreadsheet model to-date and what has been done so far is quite an accomplishment.

2e. MQ4 What are the projected impacts of management actions (including control measures) on tributaries and where should these management actions be implemented to have the greatest beneficial impact? [Chris Sommers]

Chris Sommers began the presentation by talking about what has been learned in the last 5 years in regards to PCB/Hg sources and summarized how they are evaluating management measures. He went on to discuss how RMP/STLS data are helping in answering where management actions should be taken. He also discussed any data that areis missing that could be beneficial in evaluating management actions.

Discussion

Roger Bannerman started the discussion saying that it is important to know particle size and that different management methods control different particle sizes. He also noted that the BMP database does not have much data on particle size.

Several questions were raised: What is the load reduction benefit of controlling PCB loads from highly contaminated drainages and what can we expect to achieve? Where should we focus on Bay impairment in the future? What are the most effective approaches to assessing progress on TMDL allocations? Are there any surrogates or other analyses for PCBs that are more cost effective?

Roger Bannerman asked if we still need to do more to identify hot spots because it looks like there is a fairly good idea of where they are currently. Arleen Feng responded saying we know patches and “smeary” areas on the map, but there is still a lot to do in order to identify sites and inlets. Tom Mumley agreed, more information is needed to make decent decisions.

Chris Sommers concluded the discussion saying we have to use what data we have available. Then we can go verify land use, and understand the area so we can make sure we don’t have a false negative. Sediment becomes a surrogate for everything we are trying to look at. Roger Bannerman added that you want to get to the solution phase as quickly as possible; there is always room for refinement and learning more.

3. Programmatic level evaluation - Alternative monitoring and modeling design to address changed management emphasis [Lester McKee]

Lester McKee began this presentation by proposing a set of questions for the workgroup:

1. What combination of monitoring and modeling are most appropriate to address current permit provisions and the management focus proposed for MRP 2.0?
2. What are the pros and cons for the monitoring/modeling alternatives?
3. Are there tools other than monitoring and modeling that should be considered?
4. What is a cost effective design going forward?

Lester then went through some lessons from the reconnaissance, loads and composite monitoring stations, and suggested some alternative monitoring designs. He then went through the lessons learned for the RWSM and proposed some alternative designs.

Discussion

In regards to the composite sampling, Khalil ~~AbuSaba~~[Abu Saba](#) added that they miss the “pollutograph” and first flush characteristics at the site. Tom Mumley added that it may be necessary to employ a hybrid sampling design and there may not be one-size-fits-all. Roger Bannerman added that the cons listed for composite sampling were more of constraints and challenges. Arleen added that the lessons learned applied to individual sites and analytes, but not necessarily to the program as a whole. She also noted that a recon study sounds good on paper, but during the last recon study a number of sites were ruled out ~~sure due~~ to feasibility/safety issues. With regards to sampling pump stations, many may be too small or have configurations that negate sampling. Lester agreed and commented that if we were to focus on pump stations in industrial areas, of the 73 currently identified for further exploration, it is possible that less than one half may be feasible and safe to sample.

Chris Sommers suggested that each pollutant needs to be evaluated and we have to come up with a set of management questions for each particular pollutant. Tom Mumley added that there are 4 categories that must be focused on: PCBs, first order loading, characterization, and management effectiveness. Tom Mumley then informed everyone about the new MRP in terms of timing. The application is due in June 2014 and that includes the proposed monitoring program therefore the next plan needs to be ready in 6-8 months from now.

4. Workgroup general discussion

4a. Prioritize discussion topics from the list generated throughout the day [Meredith Williams]

Meredith Williams lead a discussion collecting a list of questions that haven’t been asked or addressed in the discussions so far. A lengthy list of topics was generated and Meredith helped to narrow them down and prioritize them for the group in order to have a more efficient discussion.

4b. Discuss priority topics

Regional Watershed Spreadsheet Model

Are there major impediments to completing modeling?

Jing Wu started the discussion saying that it all depends on the sediment model calibration and whether there will be reasonable confidence in the model. Lester McKee added that they are exploring climactic

parameterization and that there aren't any other ways to improve the model beyond that. Meredith Williams added that she doesn't anticipate any impediments to completing the modeling with the appropriate confidence level. Modeling Hg in urban areas is driven by deposition (driven by impervious area) and is not highly associated with sediment transport. Tom Mumley reiterated that the [Water Regional Boards](#) would really like the tool and has been anxiously waiting since July.

ACTION ITEM: Layout the timeline for each step between now and December and to give a date of complete by then end of next week

What are the appropriate uses of the RWSM?

Mike Stenstrom began by discussing how the RWSM could be the building block for a nutrient model. He also stated that it is important to start rolling the model out to some high priority users so we can better assess how it worked. Chris Sommers added that all end users should be able to use the RWSM. Caution should be used in using the model to prioritize watersheds. The model should be used to identify polluted watersheds, then verification though field monitoring should occur ~~possibly~~ [possibly](#) followed by management controls. The modeling cannot be used for identifying trends but it can be used for predicting the potential change that could result from management actions at various scales.

ACTION ITEM: Identify a few high priority users to receive training as a way of testing the utility of the model.

What do we continue to invest in RWSM and do we need to consider other models to answer existing questions?

For the next modeling tool it is import to take small spatial scale into consideration. HSPF models have been used at the watershed scale and for measuring management effectiveness in Southern California. While places in California have laid the framework for other models, the Bay Area is geographically different leading to some major challenges. In addition, our pollutants of concern differ substantially. There is a pure lack of coefficients available to properly ~~ly-of the parameterise~~ [parameterize](#) more sophisticated models such as HSPF for PCBs and mercury let alone PBDEs and other potential future analytes. The lack of available coefficients negates the use of HSPF in most situations.

ACTION ITEM: Continue to develop the spreadsheet model being mindful of ways to increase its validity at smaller and smaller scales.

Monitoring

Peter Mangarella began the discussion by reiterating that trends are a lower priority and identifying high leverage source areas is a high priority, but the two are linked. Richard agreed that high leverage areas are a very high priority but it is important to not forget about trends in terms of baseline information. It's important to establish a baseline for source areas so we can measure effectiveness of management actions. There is a need to normalize to weather and a control site would increase robustness of ability to measure change.

It would be beneficial to collect additional information during monitoring such as transport, reconnaissance, and site dirtiness. Kelly Moran questioned whether there was value in monitoring bed sediments in creeks, but monitoring has found low PCBs in bed sediments. Barbara Mahler brought up the possibility of using passive samples such as lipid bags. It was suggested that we mine the existing RMP data to help identify high leverage area; could look at sediment and fish data by Lester pointed out that this has largely been done through the recent PCBs synthesis and that there may not be too many further avenues to explore at this time.

The group was in support of a reconnaissance based source area monitoring effort in which the specific design may depend on the individual pollutants. Smaller sites might see a response soon once control measures are implemented. Lester pointed out that we are using the previous reconnaissance data in

ways we didn't originally think of, such as, calibration of the RWSM. Arleen Feng pointed out that there would need to be some coordination with the nutrients strategy.

ACTION ITEM: Lester and the rest of the STLS local team to come up with a proposed monitoring program for the WY2015 season and send to SPLWG for review and input. Set up and implement a series of face-to-face meetings to refine a set of detailed sub-questions and explore the cost effectiveness and feasibility of various monitoring designs. Factors to take into account include but are not limited to identifying source areas, continuing to support the development of the regional watershed spreadsheet model performance at finer scales of granularity, and emerging analytes of importance. Options on the table include but are not limited to:

- a) a change in the number of sites, effort (within annual and between year), and analyte list for POC loads monitoring sites,
- b) implementation of reconnaissance (storm flow) monitoring at both the watershed and site management near-field scales
- c) testing the deployment of surrogate technologies such as lipid bags

5. Review meeting outcomes/ adjourn

Roger Bannerman said that some great progress has been made and that the RWSM has some real value, but isn't sure if we can model PCBs at critical sites. It takes time to see a response/changes and monitoring style and actions could be based on audience. Lester McKee added that he will take the recommendations from the SPL meeting and develop an agenda for a local meeting to further explore monitoring alternatives. Barbara Mahler noted that the change in focus is shifting to a more granular/parcel size scale and that the reconnaissance method seems to be the most promising method to get the information needed. It won't be able to answer all of the questions and leaves out sediment loads, but there are tradeoffs as we start focusing on a smaller scale. It is also important to be able to look at trends 10 years down the road. Paul Salop noted that management actions would most likely be taken downstream from where we have the majority of our baseline data. Mike Stenstrom added that the RWSM can be used for ranking places to go to reduce contaminants more and can be used in combination with GIS to display things you may not have seen otherwise. He suggested more use of GIS as a means of communication.

The group discussed the next meeting possibly being in May 2014 so discussion can occur before drafts of the new MRP go out. Meredith Williams concluded the meeting and adjourned the group.

Pollutant Specific Management Question Details - Presented by Water Board Staff to SPLWG on October 23, 2013

Pollutant	High Leverage Pathways/Sources/Loading	Regional Scale Loads	Trends	Management Effectiveness
PCBs	<p>The main focus now in MRP 2.0 is on implementation of projects to achieve load reductions. To support this, we need:</p> <ul style="list-style-type: none"> • Information (from modeling, monitoring, desktop studies) regarding PCBs-contaminated areas that can be the location for management actions. • Tools to estimate the possible benefits of such measures to help prioritize the candidate project sites • Analysis to help choose the best methods to apply to the candidate project sites • Need information to support long-range planning in non-priority watersheds <p>Can spreadsheet model be used in these efforts?</p>	<ul style="list-style-type: none"> • Not high priority in short-term, except to complete spreadsheet model load estimates. • May be a need for sub-embayment scale load estimates. 	<p>Not high priority until we implement significant actions, at least in focused areas, and have more time for implementation to bear fruit.</p>	<p>High Priority for PCBs</p> <ul style="list-style-type: none"> • Need to develop approach for assessing this (both for localized areas and for LID implementation) • We assume the approach will involve data collection to assess benefit/effectiveness of those management actions and modeling to extrapolate management measures to areas in other watersheds to estimate impacts on loads.
Hg	<p>Similar to PCBs but PCBs drive work.</p> <ul style="list-style-type: none"> • Plus emphasis on analysis/modeling to support long-range planning for LID in non-priority watersheds since contamination is diffuse and less amenable to control measures 	<p>May need as part of TMDL review. Where are we relative to allocation?</p>	<p>Not priority right now</p>	<p>Effectiveness of management actions for mercury load reduction. This may involve particular attention to benefit assessment of management action in less contaminated areas accomplished through LID-type strategies.</p>
Selenium	<p>Not much to do to support TMDLs in progress except for spreadsheet model load predictions.</p>			
Legacy Pesticides	<p>Probably not much to do since many Bay segments likely to be delisted except for certain legacy pesticide hot spots.</p>			
Other Emerging	<p>For CECs of unknown or low concern (those below levels of concern in Bay), screen for presence in urban runoff and identify sources to help design or refine management strategies. Generally, management will involve source control.</p>	<p>Coarse, screening level loads estimate using spreadsheet model useful for CECs of moderate concern, but high precision probably <u>not</u> necessary for envisioned regulatory strategies unless we encounter a CEC of high concern level in Bay.</p>	<p>Screen for trends in strategic locations to track potential increases in runoff of CECs currently below levels of concern in the Bay.</p>	<p>For those CECs for which a management action has occurred, we would trace, at regional scale, effectiveness of management actions.</p>
Nutrients	<p>There is a maturing nutrient strategy that will drive information needs for nutrients. There is a current interest in better characterizing loads, possibly using spreadsheet model. Efforts are already underway to better understand wastewater nutrient loads and some modest effort on the stormwater side. As nutrient strategy evolves, there may be monitoring/modeling needs for all four types of management questions.</p>			



CHAIR AUTHORIZATION REQUEST

FILE NO.: 13,119

DATE: November 18, 2013

TITLE: Chair Authorization for Agreement with Univision for BAPPG FOG Outreach, Hispanic Radio Public Service Announcements

RECOMMENDED ACTION

BACWA Chair authorization for an agreement with Univision, in an amount not to exceed \$8,000, to air radio ads, online streaming ads, and public service announcements about proper FOG disposal during the period of October 31, 2013 – June 30, 2014.

SUMMARY

This BAPPG project will air 120 paid radio and audio streaming ads, and 60 free public service announcements (PSAs) in Spanish informing Bay Area residents about proper FOG disposal through January 31, 2014. The stations may be able to air additional PSAs as the broadcast schedule permits.

This project is in the BAPPG fiscal year 2013-2014 workplan and budget approved by the BACWA Executive Board.

This project will be managed by Paul Prange of the City of San José.

FISCAL IMPACT

This project is included in the approved Fiscal Year 2013-2014 BAPPG budget and workplan, and sufficient funds are available for this work.

ALTERNATIVES

This action does not require consideration of alternatives.

Attachments:

1. Univision BAPPG FOG 2013-14, 13,108 Purchase Order

Project Scope for FY 2013/14

Title	HISPANIC RADIO OUTREACH (emphasis on Fats, Oils, & Grease)
Purpose	Presentation of behavior and awareness messages about FOG disposal to Bay Area Hispanic audiences.
Background	<ul style="list-style-type: none"> • Bay Area Hispanic audiences constitute 22% of the Bay Area population. • Outreach to Hispanic audiences requires specialized language and cultural skills. • Products developed and services implemented through BAPPG's Hispanic Radio Outreach project provide these specialized services at significant savings for BAPPG members.
Scope	<ul style="list-style-type: none"> • 120 paid spots (68 radio and 52 online) with 60 free PSAs throughout the broadcast schedule of Thanksgiving week and the 2 weeks around the end-of-year holidays. • Possible – additional free PSAs worked into the broadcast schedule.
Budget	1.) \$8,000
Project Champion	Paul Prange, City of San José



BACWA EXECUTIVE DIRECTOR AUTHORIZATION REQUEST

FILE NO.: 13,120

DATE: 11/25/2013

TITLE: JENNIFER JACKSON for STEERING COMMITTEE SUPPORT for UNPLANNED ISSUES for BAPPG FY 2014.

RECOMMENDED ACTION

Executive Director authorization for an agreement with JENNIFER JACKSON in an amount not to exceed \$4,999 for BAPPG Steering Committee support from BAPPG FY2014 Budget Line Item “Unplanned Issues”, to be completed by June 30, 2014.

SUMMARY

This contract will provide support to the Bay Area Pollution Prevention Group Steering Committee with upcoming pesticide regulatory opportunities related to shifting pesticide regulatory processes so they better protect wastewater quality. Specific projects include compilation of fipronil monitoring data and developing brief comments related to antimicrobial fabrics undergoing DPR evaluation.

This work will be carried out under the supervision of Melody LaBella, Central Contra Costa Sanitary District and Karin North, City of Palo Alto.

FISCAL IMPACT

This project is budgeted for FY 13-14.

ALTERNATIVES

No other alternatives were considered as the BACWA contracting policies authorize a sole source selection process for contracts under \$50,000. In addition, Ms. Jackson has specific background and knowledge on these issues, has successfully provided support of this kind during the last two years, and has very competitive rates because she is an independent contractor.

Attachments:

1. Scope of Work
2. Purchase Order

SCOPE OF WORK AND BUDGET

1. Support BAPPG steering committee with specific immediate opportunities related to shifting pesticides regulatory processes so that they better protect wastewater. (*BAPPG Budget Line Item "Unplanned Issues"*)
 - Compile monitoring data on fipronil in wastewater. DPR is willing to meet with water quality agencies regarding concerns related to fipronil presence and toxicity. Data gathered will be compiled into a memo for BACWA members to use in DPR January meeting.
 - Develop comments for antimicrobial fabrics currently under evaluation by DPR, as we believe these fabrics should be reviewed by DPR's surface water quality group prior to registration.
2. Develop BACWA comments on future DPR and EPA pesticide regulatory and policy processes on an as-needed basis, possibly including but not limited to nanosilver, nanocopper, triclosan, nanomaterials policy.
3. Assist with other pollution prevention projects related to pesticides, pharmaceuticals and/or Green Chemistry on an as-needed basis.

BUDGET

\$4,999 / November 2013 – June 2014

PROJECT STAFF

Work to be performed by Jennifer Jackson, billed on an hourly basis \$100/hour, in quarter hour increments, for time actually spent.

CONTRACTING ENTITY

Jennifer Jackson
Jackson Environmental & Communications Consulting
419 Vernon St
Oakland, CA 94610
(415) 378-4074
cjenniferjackson@yahoo.com



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 10

FILE NO.: 13,126

MEETING DATE: December 20, 2013

TITLE: Solano Community College Agreement with BACWA for BACWWE/WOT Program

MOTION

DISCUSSION

RESOLUTION

RECOMMENDED ACTION

- 1) Approve revised template for agreements between BACWA and Solano Community College for the Bay Area Consortium for Water & Wastewater Education Water Operator Training Program (BACWWE/WOT); and
- 2) grant the BACWA Executive Board Chair authority to approve future agreements up to a maximum amount of funds available at the time of execution of the agreement, but not to exceed \$89,000.

SUMMARY

Since June of 2007 BACWA has provided contracting and financial management services for the Water Operator Training program, now called the Bay Area Consortium for Water & Wastewater Education. Participating agencies are billed by BACWA and their contributions fund the Solano Community College (Solano CC) courses for the program and a \$2,500 annual BACWA administration fee. In July of 2008, the BACWA Board approved execution of the Fall 2008 agreement with Solano Community College and also granted the Chair to execute future agreements for this program as long as they did not exceed \$79,200 (10% increase over the Fall 2008 contract amount of \$72,000). This program has grown from its ten original sponsors to 20 agencies from five counties contributing funds for Fall 2013. To date, over 800 students have taken courses offered by this program.

At the August 29, 2013 BACWA Executive Board meeting the BACWA Board approved execution of the agreement between BACWA and Solano CC for the BACWWE/WOT Fall 2013 semester. At that time the Board expressed concern that the current agreement did not protect BACWA from financial liability in the event that adequate funds were not collected from the program contributors. The agreement was approved with the understanding that the Executive Director (ED) would investigate options for reducing BACWA liability in future agreements with Solano Community College. In cooperation with the BACWWE/WOT Program Manager, E.J. Shalaby, and Solano Community College, BACWA has revised the contract template to include language to address these liability concerns and agreed that the total contract amount shall not exceed the amount of unobligated funds available in the BACWWE/WOT account at the time of contract execution.

FISCAL IMPACT

Based on October 2013 Treasurer's Report, the WOT account has an unobligated fund balance of \$115,648.

ALTERNATIVES

This action does not require consideration of alternatives.

Attachments: Solano Community College District Agreement for Educational Services TEMPLATE, revised Dec2013.

SOLANO COMMUNITY COLLEGE DISTRICT AGREEMENT FOR EDUCATIONAL SERVICES

This agreement is entered into by and between **SOLANO COMMUNITY COLLEGE DISTRICT**, hereinafter referred to as “District” and **Bay Area Clean Water Agencies**, hereinafter referred to as “BACWA.”

WHEREAS, BACWA desires to engage the District to render special educational services,

THEREFORE, THE PARTIES AGREE AS FOLLOWS:

- A. The District will provide seven (7) credit classes, WATER 100, Wastewater Treatment I, WATER 103, Biological Principles of Water & Wastewater, WATER 104, Water Treatment I, (2 classes), WATER 107, Mathematics for Water & Wastewater, WATER 120, Distribution Systems Maintenance, and WATER 121, Collections Systems Maintenance, for up to 30 students per class, for BACWA member organizations.
- B. The District will develop, coordinate, deliver, and evaluate the training. Instruction/training will be delivered at various BACWA sites, to be determined. Classes will begin in January 2013, exact dates to be determined. Additional training can be scheduled as needed with an addendum to this contract.
- C. The District will maintain the BACWWE (Bay Area Consortium for Water & Wastewater Education) website and database and provide marketing and marketing materials for sponsoring agencies.
- D. BACWA will recruit, identify and select all trainees who will participate in training.
- E. BACWA will compensate the District for all services rendered and expenses at a rate of eighty-nine thousand dollars (\$89,000) contingent upon availability of funds collected from sponsoring agencies. The fee for each 3 or 4 credit hour class is fifteen thousand five hundred dollars (\$15,500). The fee for each 2 or 2 ½ credit hour class is thirteen thousand five hundred dollars (\$13,500). The cost is inclusive of all instruction and teaching/ training materials.
- F. Payments by BACWA to the District will be due upon receipt of invoice. An invoice will be generated upon completion of the first month of instruction.
- G. This contract may be terminated by either party with notice of ten (10) business days.
- H. **IT IS MUTUALLY UNDERSTOOD** that BACWA and the District shall secure and maintain in full force and effect during the full term of this Agreement, liability insurance in the amounts and written by carriers satisfactory to BACWA and the District respectively.
- I. The District will indemnify, and hold harmless, in any actions of law or equity, BACWA, its officers, employees, agents and elective and appointive boards from all claims, losses, damage, including property damages, personal injury, including death, and liability of every kind, nature and description, directly or indirectly arising from the operations of the District under this Agreement or of any persons directly or indirectly employed by, or acting as agent for the District, but not including sole negligence or willful misconduct of BACWA. This

indemnification shall extend to claims, losses, damages, injury and liability for injuries occurring after completion of the services rendered pursuant to this Agreement, as well as during the process of rendering such services. Acceptance of insurance certificates required under this Agreement does not relieve the District from liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall apply to all damages and claims for damages of every kind suffered, by reason of any of the District's operations under this Agreement regardless of whether or not such insurance policies shall have been determined to be applicable to any of such damages or claims for damages.

- J. BACWA will indemnify, and hold harmless in any actions of law or equity, the District, its officers, employees, agents and elective and appointive boards from all claims, losses, damage, including property damages, personal injury, including death, and liability of every kind, nature and description, directly or indirectly arising from the operations of BACWA under this Agreement or of any persons directly or indirectly employed by, or acting as agent for BACWA, but not including the sole negligence or willful misconduct of the District. This indemnification shall extend to claims losses, damages, injury and liability for injuries occurring after completion of the services rendered pursuant to this Agreement, as well as during the process of rendering such services. Acceptance of insurance certificates required under this Agreement does not relieve BACWA from liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall apply to all damages and claims for damages of every kind suffered, by reason of any of BACWA operations under this Agreement regardless of whether or not such insurance policies shall have been determined to be applicable to any of such damages or claims for damages.

- K. BACWA agrees that it will not discriminate in the selection of any student to receive instruction pursuant to the Agreement because of sex, sexual preference, race, color, religious creed, national origin, marital status, veteran status, medical condition, age (over 40), pregnancy, disability, and political affiliation. In the event of BACWA's non-compliance with this section, the Agreement may be canceled, terminated, or suspended in whole or in part by the District.

Mike Connor
BACWA Executive Board Chair
PO Box 24055, MS 59
Oakland, CA 94623

Date _____

Jowel C. Laguerre, Ph.D.
Superintendent-President
Solano Community College District
Fairfield, CA

Date _____

BACWA ANNUAL MEETING				
30-Jan-14				
DRAFT AGENDA				
Time	Description	Topics	Speakers	Status
8:30 - 9:00	COFFEE and REFRESHMENTS			
9:00 - 9:15	WELCOME	Introduction	Mike Connor	confirmed
		Year in Review	Dave Williams	confirmed
9:15 - 10:00	EPA, SWRCB, RWQCB, & BAYKEEPER PRIORITIES	EPA	Jane Diamond	tentative
		SWRCB	Felicia	not available
		RWQCB	Bruce	confirmed
		BayKeeper	Deb/Jason/Ian	tentative
10:00 - 10:15	NUTRIENTS	Overview	Dave Williams	confirmed
		-scientific workplans		
		-governance		
		-regulatory		
10:15 - 10:25	Break			
10:25 - 11:15	NUTRIENTS (cont)	Update on the Science	David Senn	confirmed
		Watershed Permit	Lila	invited
		Next Steps	Naomi	invited
11:15 - 11:35	OTHER WATER QUALITY REGULATORY UPDATES	Toxicity, Selenium, Hg/PCB, CECs	Lorien	confirmed
11:35 - noon	AIR REGULATORY UPDATE	regional/state update	Sarah D.	confirmed
Noon - 12:30	Lunch			

<u>Time</u>	<u>Description</u>	<u>Topics</u>	<u>Speakers</u>	<u>Status</u>
12:30 - 12:40	ARLEEN NAVARRET AWARD PRESENTATION		Mike Connor	confirmed
12:40 - 1:00	BACWA BUSINESS MEETING	Budgeting for Regulatory Efforts	Dave Williams	confirmed
		-Dues		
		-CBC fees		
		Committee Support & Restructuring		
		-AIR		
		-BAPPG		
1:00 - 1:40	COMMITTEE UPDATES	Pretreatment	Tim	
		Collection Systems	Dan S.	
		BAPPG	Kerri	
		Lab	Nirmela	
1:40 - 2:15	UTILITY OF THE FUTURE	Water Recycling	Cheryl/Linda	
		-IRWM		
		-Western Recycled Water Coalition		
		-Ecotone		
		Resource Recovery/Energy Conservation	Ben/Gary	
		-food waste		
		-CANDO		
		-anaerobic secondary		
		-annamox/EPA grant		
		-BAB2E		
2:15 - 2:30	BACWA'S COLLABORATION & ROLE IN REGIONAL INIATIVES	Collaborations and Support	Dave Williams	confirmed
		-NACWA		
		-CASA		
		-Summit Partners		
		-ReNUWit		
		-ASC/SFEI		
		-FWQC		
		-Bay Planning Coalition		

<u>Time</u>	<u>Description</u>	<u>Topics</u>	<u>Speakers</u>	<u>Status</u>
		-Prop 50 & 84		
		-WOT		
2:30 - 2:40	WRAP-UP	Fill out evaluation forms	Mike	confirmed



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 14

FILE NO.: 12,315

MEETING DATE: December 20, 2013

TITLE: Arleen Navarret Award Guidelines

MOTION

RESOLUTION

DISCUSSION

ACTION UNDER CONSIDERATION

Review updated Arleen Navarret Award Guidelines.

SUMMARY

On December 16, 2010 the BACWA Executive Board approved a resolution establishing the Arleen Navarret Leadership Award in honor of former Board member and San Francisco Public Utilities Commission (SFPUC) employee Arleen Navarret and in January 2012 the first award recipient was selected. Based on experience from the first award process, changes are recommended to improve the description of the award criteria and provide better clarification regarding the use of the award funds.

FISCAL IMPACT

This action has no direct fiscal impact.

ALTERNATIVES

This action does not require a consideration of alternatives.

ATTACHMENT

1. Arleen Navarret Award Guidelines, December 2013

Arleen Navarret Award Guidelines

December 2013

Purpose: The purpose of this award is to recognize up-and-coming wastewater professionals and provide assistance with their career growth. The recipient shall be selected from a pool of candidates representing emerging leaders in the BACWA community who exhibit the characteristics possessed by former BACWA Chair, Arleen Navarret:

- Leadership in the workplace and wastewater community
- Commitment to environmental protection
- Mentorship of and compassion for others
- Technical expertise
- Ability to communicate effectively with myriad people
- Exemplary public service

Eligibility: All current employees of BACWA member agencies are eligible for this award.

Nominations: Any current employee of a BACWA member agency may nominate any employee of any BACWA member agency.

Selection: A selection panel shall review nominations and select the award recipient. The suggested composition of the panel is as follows: 1) BACWA Executive Board Representative (Board member should not be from an agency where a nomination has been submitted); 2) Last Recipient of Award 3) BACWA Member Agency Representative. The final composition of the panel may be dependent upon applications received with the goal of avoiding potential conflicts of interest.

Award: The award recipient shall receive \$1,000 to be applied to a professional development opportunity related to leadership, environmental protection, or technical skills development. The award shall be presented biennially at the BACWA Annual Meeting, and the recipient shall have one year (12 months following the Annual Meeting) to use all award funds; any remaining funds at the end of one year will be forfeited. The award recipient must obtain prior approval from the Executive Director in advance of using award funds and reimbursement requests must be submitted with supporting documentation/receipts within 60 days using the funds.



BACWA POLICIES AND PROCEDURES

TITLE	Guidance for Representing BACWA
DATE	Adopted XXX
PURPOSE	To provide guidance to individuals, groups, and committees for representing BACWA's position on all issues including but not limited to regulatory, technical, financial, policy, and administrative matters.
BACKGROUND	<p>BACWA is JPA that represents its public agency membership on a wide array of issues that impact wastewater utilities in the San Francisco Bay Area. BACWA has limited personnel resources devoted to conducting the business of the association. It has an appointed Executive Board comprised of staff from its Principal member agencies and relies heavily on this Board, other volunteers from within its membership, and at times some outside consultants to represent BACWA's interests. Examples of long standing groups where BACWA has appointed representatives include: ASC/SFEI, RMP, Tri-TAC, and the Summit Partners. At times BACWA also designates individuals to represent BACWA's interests on ad hoc groups established to address a particular area of interest. Finally, BACWA has a committee structure wherein the leadership of the Committee may find themselves in a situation where they are formulating a position on an issue of interest to BACWA.</p> <p>In all of these situations it is important that the individuals or groups that are presenting BACWA's position are certain that the position they are proposing or supporting is indeed the position of the BACWA organization. Often the position of the organization is defined by a collective understanding that a certain position or direction is appropriate for the organization. For the purpose of this Guidance document, these are referred to as "Understood Positions" and can be established by 1) the wastewater industry as a whole; 2) the position of other organizations or leaders within the industry or; 3) by general discussion and agreement amongst the BACWA Board and membership. However when there is the potential for significant differing opinions on an issue within BACWA or when an issue involves financial commitment, the official position of BACWA is determined by a majority vote of the BACWA Board. For the purpose of this Guidance these positions are referred to as "Adopted Positions".</p> <p>The intent of these Guidelines is not to be overly bureaucratic or impede the</p>

normal process of interaction on behalf of the BACWA organization but rather to ensure that situations do not develop that put BACWA in an awkward position by having an individual or group put forth a position that is contrary to the best interest of BACWA as an association.

GUIDELINES

For Individuals

1. In your role as a BACWA representative, be aware of issues that may develop into the need for BACWA to take a position so that these issues can be raised early within the organization thereby allowing the time for a deliberation to take place to determine if indeed a BACWA position is warranted and if so whether it would be an Understood Position or an Adopted Position.
 2. If, while in the role of a BACWA representative, an individual finds themselves in a position wherein input is expected as part of the normal conduct of business, an Understood Position can and should be presented. At the earliest opportunity, a report back to BACWA should be made regarding the position that was presented.
 3. If, while in the role of a BACWA representative, an individual finds themselves in a position wherein it is judged by the BACWA representative to be an issue which may require an Adopted Position within BACWA, the individual should indicate that input would be needed from the BACWA Board before a response can be made. Every effort should be made to bring this issue to the Board's attention as early as possible to facilitate a timely response. If there is uncertainty as to what type of position may be required, the BACWA representatives should seek the advice of the BACWA Executive Director, if possible, prior to presenting any BACWA position or defer from stating a BACWA position until further discussed with the BACWA Board.
 4. Solicitations, requests for proposals, or other information, etc., other than routine requests (i.e. cost for catering or other minor administrative services), on the part of a BACWA representative that may lead to significant expenditures of funds or expectations of BACWA establishing a position on an issue should be avoided until discussed by the BACWA Board.
-

For Groups or Committees

When acting as the leader of a group or committee, BACWA representatives should follow the same guidelines as stated for Individuals. In addition, leaders of groups or committees may find themselves in a time restricted situation that, despite their best efforts, there was not time to vet an issue with the BACWA organization and a response is required before a window of opportunity closes (e.g. deadlines for commenting on proposed regulations). In these situations the leadership should make every effort to solicit some feedback from BACWA (i.e. an email notification of a proposed comment letter, etc.). The leadership should also confer with the BACWA Executive Director as to the position being proposed. In the absence of feedback on a BACWA position, a position should be submitted after consultation with group or committee leadership and the Executive Director. Notification to the BACWA Board should take place thereafter as soon as practicable.

**2014 BACWA EXECUTIVE BOARD
REGULAR MONTHLY MEETING SCHEDULE**

DATE	TIME	LOCATION
January 30, 2014 <i>(Annual Member Meeting – no regular Board meeting in January)</i>	9:00 – 3:00	Boy Scouts Facility 1001 Davis Street, San Leandro, CA
February 21, 2014	9:00 – 12:00	SFPUC
March 21, 2014	9:00 – 12:00	EBMUD Lab Library
April 18, 2014	9:00 – 12:00	SFPUC
May 16, 2014	9:00 – 12:00	EBMUD Lab Library
June 20, 2014	9:00 – 12:00	SFPUC
July 18, 2014	9:00 – 12:00	EBMUD Lab Library
August 15, 2014	9:00 – 12:00	SFPUC
September 26, 2014	9:00 – 12:00	EBMUD Lab Library
October 22 – 24, 2014 <i>(Pardee Tech Seminar)</i>	TBD	EBMUD Pardee Facility
November 21, 2014	9:00 – 12:00	SFPUC
December 19, 2014 <i>(Holiday Lunch)</i>	9:00 – 2:00	EBMUD Lab Library

Special Board Meetings to be scheduled in 2014:

Joint BACWA/San Francisco Bay Regional Water Board meetings will be scheduled for January, March, May, July, September, and November.

A Special Board meeting will be scheduled in March 2014 to be held at the EBMUD Orinda facility.

ASC/SFEI Board Meeting Schedule for 2014

All meetings begin at 9:30 a.m. and conclude in mid-afternoon.

Q1: Friday, February 28

Q2: Friday, July 11

Q3: Friday, September 12

Q4: Friday, December 12

CASA 2014 Conferences

MID-YEAR CONFERENCE

January 15-17, 2014

[Renaissance Esmeralda Indian Wells, CA](#)

877-622-3140

D.C. CONFERENCE

February 24 – 26, 2014

[Mayflower Renaissance Washington, DC](#)

800- 266-9432

CASA PUBLIC POLICY FORUM

April 28 - 29, 2014

Sheraton Grand Hotel
Sacramento, CA

ANNUAL CONFERENCE

August 20 – 22, 2014

Marriott Monterey
350 Calle Principal
Monterey, CA

NACWA 2014 Conferences

Winter Conference

February 2 – 5, 2014

[LaFonda on the Plaza Hotel](#)

Santa Fe, NM

National Water Policy Forum & Fly-In

April 7 – 9, 2014

[Capital Hilton](#)

Washington, D.C.

National Pretreatment & Pollution Prevention Workshop

May 14 – 16, 2014

[The Depot Renaissance Minneapolis Hotel](#) 

Minneapolis, MN

Summer Conference & 43rd Annual Meeting

July 13 – 16, 2014

[The Nines](#)

Portland, OR

WEF 2014 Conferences and Seminars

2014 Green Infrastructure Conference: Green Infrastructure & Water Management in Growing Metropolitan Areas

University of South Florida

Tampa, Florida

January 14 - 16, 2014

The Utility Management Conference™ 2014

Hyatt Regency Savannah

Savannah, Georgia

February 25-28, 2014

Collection Systems 2014: Collection on the Chesapeake

Baltimore Convention Center

Baltimore, Maryland

March 11 - 14, 2014

4th IWA/WEF Wastewater Treatment Modelling Seminar

Domain Sol Cress

Spa, Belgium

March 30 - April 2, 2014

Residuals and Biosolids 2014 - Sustainability Made Simple: Facilitating Resource Recovery

Austin Convention Center

Austin, Texas

May 18 – 21, 2014

Odors and Air Pollutants 2014

Hyatt Regency Miami

Miami, Florida

May 31 – June 3, 2014



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 16c

FILE NO.: N/A

MEETING DATE: December 20, 2013

TITLE: Process and Planning for Fiscal Year 2014-15 Budget & Workplan

MOTION

RESOLUTION

DISCUSSION

RECOMMENDED ACTION

Review BACWA Budget planning requirements and proposed schedule for development and approval of the Fiscal Year 2014-15 BACWA, CBC and Special Program budgets and workplans.

SUMMARY

The Joint Powers Agreement (JPA) establishing BACWA requires approval of a budget and workplan for the coming fiscal year's activities no later than June of the preceding fiscal year. In practice, the goal has been to approve the budget and workplan at least sixty days in advance of the start of the fiscal year to allow time for BACWA's Treasurer to enter the budget into the accounting systems. The JPA also requires notification to all agencies of their dues for the upcoming fiscal year by March 1st.

Over the years BACWA has spent a varied amount of time on budget and workplan development. Some years, the Board has held as many as two half-day workshops, with Committee Chair participation, to prepare a draft budget and workplan, whereas in other years, planning discussions that took place during regular monthly Board meetings were sufficient for development of the draft budget and workplan.

At this time the Board is being asked to review the proposed process and timeline for Fiscal Year 2014-15 budget and workplan development and approval

FISCAL IMPACT

This is a discussion item and has no direct fiscal impact at this time.

ALTERNATIVES

This action does not require consideration of alternatives.

Attachments:

1. FY 2014-15 Proposed Budget Planning Timeline

FY 2014-15 Proposed Budget Planning Timeline

January 20, 2014

Deadline for Special Programs and Committees to submit 2015 draft budgets and workplans / financial requests and proposals to ED.

February 2014 (to be scheduled during the week of 2/10 - 14)

Finance Committee Meeting

ED meets with Finance Committee to present rough draft BACWA/CBC and Special Programs (AIR/BAPPG) budgets and workplans, obtains feedback, and revises draft as necessary in preparation for the February 21, 2014 Board meeting.

February 21, 2014

Executive Board Meeting

As part of the regularly scheduled monthly Board meeting the ED will lead a discussion to present draft BACWA/CBC and Special Programs (AIR/BAPPG) budgets and workplans and obtain input to address any questions/concerns raised by the Finance Committee. Feedback from Board and BACWA members/meeting attendees (including Committee Chairs) will be used for further revisions in preparation for the March Orinda meeting.

March 2014 (to be scheduled during the week of 3/3-7)

Orinda BACWA Board Workshop (half day BACWA Board only and half day with Water Board)

As part of the BACWA Board only portion of the meeting, the ED will obtain feedback from BACWA Board on the revised draft BACWA/CBC and Special Programs (AIR/BAPPG) budgets and workplans and make revisions as necessary in preparation for the March BACWA Board meeting.

March 21, 2014

BACWA Board meeting

As part of the regularly scheduled monthly Board meeting, the ED will request final feedback from Board and BACWA members/meeting attendees on the revised draft BACWA/CBC and Special Programs (AIR/BAPPG) budgets and workplans. Any necessary final revisions will be made by the ED in preparation for approval at the April BACWA Board meeting.

April 18, 2014

BACWA Board meeting

The ED will include on the regular BACWA Board meeting agenda, a request that the Board approve the Final 2014-2015 BACWA/CBC and Special Programs (AIR/BAPPG) budgets and workplans.