



Executive Board Meeting Agenda

Friday, February 20, 2015 9:00 a.m. – 12:30 p.m.
SFPUC, Hetch Hetchy Room, 13th Floor,
525 Golden Gate Ave., San Francisco, CA.

<u>Agenda Item</u>	<u>Time</u>	
ROLL CALL AND INTRODUCTIONS	9:00 a.m. – 9:05 a.m.	
PUBLIC COMMENT	9:05 a.m. – 9:08 a.m.	
CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER	9:08 a.m. – 9:09 a.m.	
CONSENT CALENDAR	9:09 a.m. - 9:10 a.m.	
1. December 19, 2014 BACWA Executive Board Meeting Minutes		3-10
2. November, 2014 & December, 2014 Treasurer's Reports		11-20
REPORTS		
3. Committee Reports	9:10 a.m. – 9:40 a.m.	21-32
4. Executive Board Reports		
5. Executive Director Report		33-41
6. Regulatory Program Manager Report		42-44
7. Other BACWA Representative Reports		
a. RMP-TRC: Rod Miller		
b. RMP Steering Committee: Karin North; Jim Ervin		
c. Summit Partners: Dave Williams		
d. ASC/SFEI: Laura Pagano; Dave Williams		
e. Nutrient Governance Steering Committee: Ben Horenstein; Jim Ervin		
f. SWRCB Nutrient SAG: Dave Williams		45-55
g. SWRCB Focus Group – Bacterial Objectives: Lorien Fono; Amy Chastain		
h. SWRCB Focus Group – Mercury Amendments to the State Plan: Tim Potter		
i. Nutrient Technical Workgroup – Eric Dunlavey		
j. NACWA Taskforce on Dental Amalgam – Tim Potter		

<p>OTHER BUSINESS</p> <p>8. <u>Approval</u>: Board Approval of contract with O’Rourke for BAPPG Social Marketing & Integrated Outreach Plan Implementation</p> <p>9. <u>Approval</u>: Solano Agreement for WOT, Spring, 2015 Semester</p> <p>10. <u>Approval</u>: Board Approval of BACWA Fund Consolidation</p> <p>11. <u>Discussion</u>: Annual Meeting Feedback Survey</p> <p>12. <u>Discussion</u>: FY2016 Budget Planning</p> <p>13. <u>Discussion</u>: Toxicity Meeting with EPA</p> <p>14. <u>Discussion</u>: Nutrients</p> <ul style="list-style-type: none"> a. Technical Work <ul style="list-style-type: none"> i. Use of EPA Grant Funds b. Regulatory <ul style="list-style-type: none"> i. WB Approval of Scoping & Evaluation Plan ii. Status of Surveys c. Governance Structure <ul style="list-style-type: none"> i. BACWA Position on Direction of Science Plan ii. Steering Committee/Planning Subcommittee Meetings iii. Nutrient Technical Workgroup-Assessment Framework <p>15. <u>Discussion</u>: Board Update on Risk Reduction</p> <p>16. <u>Presentation</u>: CPSC Update (Heidi Sanborn)</p> <p>17. <u>Discussion</u>: Joint Meeting with Water Board</p> <p>18. <u>Discussion</u>: Update on BACWA Website Development</p> <p>19. <u>Discussion</u>: Confirm Pardee Seminar Dates</p> <p>20. <u>Discussion</u>: WEF Nutrient Symposium, San Jose, July 26-28</p>	<p>9:40 a.m. – 9:45 a.m.</p> <p>9:45 a.m. – 9:50 a.m.</p> <p>9:50 a.m. – 9:55 a.m.</p> <p>9:55 a.m. – 10:10 a.m.</p> <p>10:10 a.m. – 10:40 a.m.</p> <p>10:40 a.m. – 10:50 a.m.</p> <p>10:50 a.m. – 11:30 a.m.</p> <p>11:30 a.m. – 11:35 a.m.</p> <p>11:35 a.m. – 11:50 a.m.</p> <p>11:50 a.m. – 12:10 p.m.</p> <p>12:10 p.m. – 12:20 p.m.</p> <p>12:20 p.m. – 12:25p.m.</p> <p>12:25 p.m. – 12:29p.m.</p>	<p>56-77</p> <p>78-80</p> <p>81-82</p> <p>83-94</p> <p>95-97</p> <p>98-104</p> <p>105-106</p> <p>107-126</p> <p>127</p> <p>128</p> <p>129-130</p> <p>131-132</p>
<p>SUGGESTIONS FOR FUTURE AGENDA ITEMS</p>	<p>12:29 p.m. – 12:30 p.m.</p>	
<p>NEXT REGULAR MEETING</p> <p>The next regular meeting of the Board is scheduled for March 20, 2015 from 9:00 am – 12:30 pm at the EBMUD Treatment Plant, Lab Library, 2020 Wake Ave., Oakland, CA</p>		
<p>ADJOURNMENT</p>	<p>12:30 p.m.</p>	



Executive Board Meeting Minutes

Friday, December 19, 2014, 9:00 a.m. – 12:30 p.m.

EBMUD Treatment Plant, Lab

Library, 2020 Wake Ave.,

Oakland, CA

ROLL CALL AND INTRODUCTIONS

Executive Board Representatives: Mike Connor, Chair (East Bay Dischargers Authority); Amy Chastain (San Francisco Public Utilities Commission); Jim Ervin (San Jose); Ben Horenstein (East Bay Municipal Utility District); Tim Potter (Central Contra Costa Sanitary District).

Other Attendees:

<u>Name</u>	<u>Agency/Company</u>
Bhavani Yerrapotu	Sunnyvale
Vince De Lange	East Bay Municipal Utility District
Amanda Roa	Delta Diablo
Holly Kennedy	HDR
Melody LaBella	Central Contra Costa Sanitary District
Meg Herston	Fairfield Suisun Sewer District
Denise Connors	Larry Walker Associates
Tricia McGovern	PME
Cheryl Munoz	SFPUC
Jean-Marc Petit	Central Contra Costa Sanitary District
Dan Gallagher	Dublin San Ramon Sanitary District
Teresa Herrera	Silicon Valley Clean Water (SBSA)
Jimmy Dang	Oro Loma
Abby Partin	South San Francisco
Tom Hall	EOA
Arvind Akela	CDM Smith
David Williams	BACWA
Sherry Hull	BACWA

PUBLIC COMMENT

None.

CONSIDERATION TO TAKE AGENDA ITEMS OUT OF ORDER

To be determined later.

CONSENT CALENDAR

1. November 21, 2014 BACWA Executive Board Meeting Minutes
2. December 8, 2014 Special Board Meeting Minutes
3. October, 2014 Treasurer's Reports

Consent Calendar items 1, 2 & 3 were approved in a motion made by Amy Chastain and seconded by Vince de Lange. The motion carried unanimously.

REPORTS

Committee Reports were included in the handout packet for agenda **item 4**.

AIR Committee – No Report

Biosoids Committee – No Report

Collections Committee – No Report

InfoShare Group –Both InfoShare and the subgroup Maintenance met. See Reports on pages 16 through 21. The contribution from the InfoShare Group is appreciated by members. Maintenance is getting more attention recently. Three to four more meetings are planned in the current fiscal year. The issue of a sole provider of chlorine was discussed. Might be an issue to discuss at CASA.

Lab Committee – No Report

Permits Committee – See Report on pages 22-23.

Pretreatment Committee – No Report

Recycled Water Committee – See Report on page 24. Discussion later in Agenda.

Executive Board representatives (Board) were given an opportunity to provide updates from each of the Principal agencies under agenda **item 5, Executive Board Reports**. Non-principal members were also given an opportunity to report out on behalf of their agencies. No actions were taken on the report-outs.

SFPUC: The Oceanside Tentative Order is expected after the holidays. Compared the December 3rd to the December 11th storms and noted one hour peaks.

CCCSD: Attorneys filed a petition with the State Board to name CCCSD in a lawsuit regarding the release of perchloroethylene dry cleaning solvent in Pleasant Hill.

SAN JOSE: No Report

EBDA: While the December 11th storm presented challenges, the SSO's were not bad. There was lots of lead time for planning. Relatively low peaks of toxicity raises the question of what does cause toxicity.

EBMUD: Even with cleaning of sewers prior to the storm, there was still lots of grease. Have moved to 1/4" screens, but that is not a complete solution.

OTHER: Silicon Valley noted that they have ordered 3/4" screens.

It was noted that the storm feedback information is one reason why the InfoShare Group is important. But the group needs better marketing to the agencies to encourage participation. One possibility is to revamp the Group into a Committee.

The **Executive Director's Report** was included in the handout packet for agenda **item 6**. The main highlight was the meeting with the Water Board on the evaluation plan. He noted that only three action items remain incomplete from fiscal year 2013-14 and thirty-six of the forty-two action items from fiscal year 2014-15 have been completed.

The **Regulatory Program Manager (RPM) Report under agenda item 7** was included in the handout packet. Patricia McGovern noted that the Regulatory Program Manager, Lorien Fono, will be returning on the first Monday of January, 2015 following her maternity leave.

Other BACWA Representative Reports were given an opportunity to provide updates under **agenda item 8**.

Item 8, Other BACWA Representative Reports. No actions were taken based on the reports.

- a. RMP-TRC: Rod Miller – No Report
- b. RMP Steering Committee: Karin North; Jim Ervin – Tom Hall suggested more information about peripheral meetings be made available. It was noted that the biggest discussion is about margin sampling.
- c. Summit Partners: Dave Williams – No Report.
- d. ASC/SFEI: Laura Pagano; Dave Williams – Warner Chabot, Executive Director of SFEI, attended his first board meeting on December 12th. SFEI decided to change their fiscal year to match BACWA's which extended this fiscal year by six months. Jim Kelly who has been acting as Executive Director, is easing out after taking care of their audit problems. Warner is doing lots of outreach, looking for more grant funding. The Board lost an NGO member, Phil Stevens. As chair of the Governance Committee, Dave Williams is looking for an NGO Board member. There are currently 14 members, but that could rise to 21. He would appreciate any assistance identifying potential members. It was noted that SFEI needs to watch that the brand is not damaged by political outreach or a clash between science and social justice issues.
- e. Nutrient Governance Steering Committee: Ben Horenstein; Jim Ervin – No Report
- f. SWRCB Nutrient SAG: Dave Williams – No Report.
- g. SWRCB Focus Group – Bacterial Objectives: Lorien Fono; Amy Chastain – No Report.
- h. SWRCB Focus Group – Mercury Amendments to the State Plan: Tim Potter – No Report.
- i. Nutrient Technical Workgroup: Eric Dunlavey – No Report.
- j. NACWA Taskforce on Dental Amalgam: Tim Potter – NACWA has extended the comment time.

CHAIR & ED AUTHORIZED ACTIONS

Agenda **Item 9** – The Board was informed of the Chair Authorization of funds for Kelly Moran's assistance to BAPPG for monitoring and helping to develop comments on pesticides. Kelly's focus will be on pesticide registration and review.

OTHER BUSINESS

Agenda **Item 10** - Discussion - **Nutrients**

- a) Technical Work
 - i) Update on **Pilot Studies** –
San Francisco: A summary is provided on Page 45
CCCSD: A summary is provided on Pages 46-47. The program is built upon the Oro Loma pilot program on anammox. It was started in August. There has been some

increase in nitrate. The largest concerns are the time to grow anammox and how to scale up in the long term. Using effluent the first year and recycled water the second year. There is a two year contract for \$225k, but the second year is optional. They have not received any grants.

ORO LOMA: Goals were to keep it simple and the cost low. No results yet, will be fully operational in March, 2015. Have spent \$80k to date, with no grant funding. Paid for by Oro Loma and Castro Valley. Prior smaller pilots were successful.

EBMUD: Provided a summary of their anammox pilots to date. Running two technologies side by side. Flows are 1/2 to 2/3 of target. So far they have learned both how to grow and how to kill anammox and that it is vulnerable to sharp loading events. They feel that a high level of monitoring is required and that the processes are not as resilient as expected. Budget is \$366k, and they received an EPA grant of \$500k for sidestream nitrate removal.

EBDA-UNION SAN: Are spending \$50k on an anammox pilot. Operational for 4 ½ months looking to determine if it is viable for a full scale operation. Key findings are that it is surprisingly resilient and most likely possible to construct as a full scale operation. One problem has been the centrate concentration.

DELTA DIABLO - CANDO: Started in March to convert ammonia to Nitrous Oxide. Successful converting to nitrate, but not nitrous oxide. The first reactor is now 80% stable and the second is 90%. Delta Diablo's budget is \$75k and they received an EPA grant. The energy savings are not as much as with anammox. Economically it is more expensive vs. value.

It was suggested that EBMUD share their experiences in how to grow anammox and how to avoid process upset at the Annual Meeting by providing a summary with no more than 2 slides to show what BACWA and its agencies are doing above and beyond what is required. Determine the combined dollar value of all of the pilot programs.

- ii) Sea Level Rise – San Jose is deep into their Master Planning and it includes this issue. Using the available data from the Army Corp of Engineers and the Permanent Committee on Tides & Mean Sea Level, but the assumptions used are key. There are lots of measurements on the West Coast, but there are variations between city vs rural and even within the Bay. Storm surges are a near term threat. SFPUC will have issues with their outflows and will need to go to pumping. It will be expensive but doable. There are very few funds for rebuilding/improving infrastructure like levees. Sea Level is being addressed in Scoping/Evaluation – should the level of concern continue or escalate?

b) Regulatory

Meeting with Water Board on Scoping/Evaluation Plan – met with Water Board on December 15th. There were approximately 20 attendees including representatives of five consulting teams. Discussed 1) optimization; 2) 2 mg/liter; and 3) ammonia,

nitrogen, phosphorous. The Water Board accepts the concept of averaging and seasonal periods and will send a letter outlining their views. Site Visits: There will be a focus on the location in the Bay with a site specific 15% buffer. The first report is due September 1, 2015. While there are 6 sidestream pilot studies, they can be quite expensive to implement. Any upgrades should focus on established technology with discussion on emerging technology. Plants will be asked about the presence of sea level rise in their Master Plans. The Water Board felt that the economic analysis portion of the presentation was good and will provide a letter accepting the Plan. Issues to make note of: Optimization should be low cost; Upgrades will be medium to high cost; Plants are very sensitive to cost; where will the line between optimization and upgrade be drawn? It will also be crucial that the consultant provide feedback to the Plants and make sure that the report is an overall BACWA member report, not individual plant reports.

- i) Optimization/Upgrade Survey webinars – Sent out to Points of Contact. Agencies need to understand how important the Survey is.

c) Governance Structure

- i) Planning Subcommittee activities –A subcommittee of the Steering Committee, and includes BayKeeper, the Water Board, and BACWA. There has been recent discussion on a Program Coordinator who could, among other support, provide management and coordination of the budget, handle scheduling, present future issues, and explore grant money. Prior to deciding further options, there is a need for an interim contract with the current coordinator, CCP, whose support has been useful.
- ii) Options for Program Coordination – Prior to issuing an RFP the Board will need to explore whether the coordinator will be full or part-time and have a higher technical understanding than the current provider. The current thinking is that the cost will be split with the Program Coordinator (SFEI), (half from the Nutrient Permit funding in the BACWA budget and half from BACWA funds). BACWA should also consider funds from other stakeholders.
- iii) Approve CCP Contract in the amount of \$10,000.
Discussion: CCP contract has run out of funds. This new contract will be funded from the FY 2016 Nutrient Permit Funds.

Agenda item 10.c.iii was approved in a motion made by Ben Horenstein and seconded by Amy Chastain. The motion carried unanimously.

Agenda item 11 –Discussion– Recycled Water Update (Bhavani Yerrapotu/Cheryl Munoz)

- a. POTW activities to promote recycled water; residential fill stations, scalping plants, other –

Central San is finding it difficult to find private entities that build scalping projects. Only the public entities seem to be doing it and they are exploring new ground.

Sunnyvale gave a presentation on their RW program. They have plans for recycling discharge water. They have \$600k in funding as part of their Master Plan. Average 12 ½ - capacity is 29, using their pond system and they have digesters.

Sunnyvale showed a slide show of their future footprint using conventional activated sledge – completion is planned for 2035. Space is available for future development.

Recycled opportunities: 3.6 mgd of non-potable demand over 22 years. They have a partnership with Santa Clara Valley Water District on potable water.

Asking for 10+ mgd RO Plant (\$619k).

Impacts on WIPR Project.

Have 3 ponds which provide opportunities.

Advanced purification by 2021.

Expanding side RW use short term and long term projects. Will still need \$200 million in funding for long term.

District has RW Master Plan. The term is 30-40 years, but working on 50 year plan. Treatment through wetlands RO concentration.

Next steps (other than money) is the regulatory issue. In 2015 – needs decision on funding from district and support from the WB.

The Board requested, and Sunnyvale agreed to provide the presentation to Board for placement on the BACWA website.

b. Update on Truck Fill Station survey – The RW Committee is developing a Guidebook and it will be available to put on the BACWA website next month. They surveyed 100, received 50 responses, and found 20 existing stations. Another 22 are considering facilities. CalTrans is using RW.

DSRSD presented a video on their Residential Fill Station experience. It opened June 12, 2014 with three stations. They had about 30 users, but that number has increased to over 500. They see approximately 150 per day on average. They provide training to users which takes about 20 minutes, and have an agreement users must sign. Users are then issued an ID card. The fill stations also provide stickers for tanks indicating it is RW. DSRSD is distributing 20 to 30k gallons per day. They have a 1 gallon minimum. Their stations are open to other districts. There is very high public acceptance and they are moving toward a mature cost structure. Questions include how does lower sales of potable water affect agencies? What are the greenhouse gas effects of the facilities? The positives include good public feeling about RW and this often overwhelms the negatives. The City of Pleasanton is considering adding purple pipe but is it cost effective? Does a change in the supply of water change the cost effectiveness?

c. IRWM update – There are opportunities for RW funding under IRWM.

d. Proposition 1 activities -

e. Permitting under State permits vs. Region 2 – Region 2 is the only region in the State to have a General Permit, which was issued in 1996. The Statewide permit was based on the Region 2 permit, but it also offered regulators an opportunity to add additional regulations which terminated progress. Both new and expansion of current facilities is covered under the old permit. More monitoring required. Will not be repealed. The consultant from EOA noted that there is no language preventing 9611 coverage. The Water Board may be open to coordination of the state and regional permits. Salt effects are imposed only on RW permits with the discussion on balance of nutrient load vs. recycle needing a coherent approach. Next step is for the agencies to meet with the WB. It was suggested that Cheryl attend that meeting.

Agenda **item 12** – Discussion: Toxicity –

a. Petition to SWRCB – A Special Meeting of the BACWA Board was held on December 8, 2014 and the minutes are included on **Pages 8-9**. The Board discussed what the next steps might be: The SWRCB could choose to ignore the petition. If they do the petitioners could choose to file a lawsuit. The regional board could reverse their decision to change the permits, but then the EPA has the option to take back the NPDES program. Taking back the whole program is a very high bar. It was asked by one agency if BACWA would want to weigh in on the numeric and testing frequency issues when their permit is issued since consistency is important to the regional board. The Board consensus was that BACWA should meet with the EPA to see where this is going before the permit.

b. Discussions with State Board members - The Water Board is waiting for written comments from the EPA. Strategic questions are whether the State Plan is focused on numeric limits and daily limits vs. monthly averages with daily limits being a bigger issue. There was discussion about meeting with the EPA to gather more information and if BACWA should meet with the RWB prior to any meeting with the EPA. Prior to the BACWA Annual meeting, BACWA should work through the Permits Committee, meet with the RWB and then with Dave Smith at the EPA. And at the Summit Partners meeting, the ED should talk to the State Board regarding the Toxicity Plan about when and where it is headed. It was recommended that BACWA wait for feedback from these meetings about what is non-negotiable prior to meeting with the EPA.

c. LGVSD Tentative Order –

Agenda **item 13** – Discussion: San Jose 60 Day Notice from BayKeeper – The Notice was issued November 24, 2014 as a Formal Notice pursuant to the Clean Water Act and is based on a broad assertion that there is exfiltration overflow into the system storm drains (the study cited was done in the desert which is a very different environment), and alleging violation of MS4

permits using a list of SSO's. San Jose was surprised that there was no communication from BayKeeper prior to the notice.

Agenda **item 14** – Discussion: FY 2016 Budget Planning – The ED summarized the Schedule for Budget Adoption included in the handout on Page 83 and the Key Issues on Pages 84 to 86. Dues will be increased, CBC Fees will stay the same and the Nutrient Surcharge will increase from \$300 to \$600 in FY 15 and will continue to increase for a couple more years until they are reevaluated for the next Nutrient WS Permit.

Agenda **item 15** – Discussion: Annual Member Meeting Planning – The Annual Member Meeting will be held on January 30, 2015. The proposed Agenda was reviewed and some subjects and speakers were changed or added. It was suggested that a discussion of grant funds available for recycled water project be included.

Agenda **item 16** – Discussion: Ebola Update –

a. Agency preparation – It was noted that updated CDC information is available. CDC FAQ's are included in the handout on Pages 90-93.

b. NSF Research Funding Request – A request from CASA for funding the Ebola research project was included in the handout on Pages 94-95.

Suggestions for Future Agenda Items: None

The next regular meeting of the Board is scheduled for **February 20, 2015** from 9:00 am – 12:30 pm at **SFPUC, Hetch Hetchy Room, 13th Floor, San Francisco, CA. The BACWA Annual Member Meeting will be on January 30, 2015 from 9:00 am to 3:00 pm at the Elihu M. Harris State Building Auditorium, 1515 Clay St., Oakland, CA.**

The meeting adjourned at 12:34 p.m.

Fund Balances as of month end 11/30/14

LINE NUMBER	DEPT I D	DESCRIPTION	BEGINNING FUND BALANCE 07/1/14	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 10/31/14	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 11/30/14
1	800	BACWA	777,507	618,863	173,485	1,222,885	373,306	849,579
2	801	TRNG FND	-	-	-	-	-	-
3	802	AIR	19,063	66,159	28,674	56,548	48,390	8,158
4	803	BAPPG	60,537	77	12,358	48,255	16,685	31,570
5	804	LEGAL RSRV	300,000	-	-	300,000	-	300,000
6	805	WQA CBC	675,382	825,033	1,107,355	393,061	183,863	209,197
7	806	BACWAOPRES	160,000	-	-	160,000	-	160,000
8	807	RWR	16,780	20	-	16,800	-	16,800
9	809	RESERVE	-	-	-	-	-	-
10	810	WOT	58,295	114,593	77,500	95,388	-	95,388
11	811	PRP84	158,082	5,336,248	5,252,935	241,395	20,352	221,044
12	812	WQA EMERG	-	-	-	-	-	-
13	813	TECHACTION	-	-	-	-	-	-
14	814	CBC OPRSRV	1,198,890	1,957	-	1,200,847	-	1,200,847
15	815	PRP50	109,015	127	5,275	103,867	12,778	91,089
			3,533,551	6,963,078	6,657,582	3,839,047	655,374	3,183,673

BACWA Revenue Report for November 2014

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	ACTUAL	
Bay Area Clean Water Agencies	BDO Member Contributions	459,000	-	-	-	-	459,000	-	459,000	-
Bay Area Clean Water Agencies	BDO Other Receipts	41,354	-	-	-	3,900	3,450	-	7,350	34,004
Bay Area Clean Water Agencies	BDO Fund Transfers	6,500	-	-	-	-	-	-	-	6,500
Bay Area Clean Water Agencies	BDO Interest Income	4,000	-	-	-	-	-	1,043	1,043	2,957
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	168,300	-	-	-	-	151,470	-	151,470	16,830
BACWA TOTAL		679,154	-	-	-	3,900	613,920	1,043	618,863	60,291
AIR-Air Issues&Regulation Grp	BDO Member Contributions	81,120	-	-	-	-	66,120	-	66,120	15,000
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	-	-	-	-	39	39	(39)
AIR TOTAL		81,120	-	-	-	-	66,120	39	66,159	14,961
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	-	-	-	-	-	-	77	77	(77)
BAPPG TOTAL		-	-	-	-	-	-	77	77	(77)
WQA-WtrQualityAttainmntStratgy	BDO Member Contributions	675,000	-	-	-	-	564,645	-	564,645	110,355
WQA-WtrQualityAttainmntStratgy	BDO Other Receipts	627,369	-	-	-	8,153	251,484	-	259,637	367,732
WQA-WtrQualityAttainmntStratgy	BDO Interest Income	-	-	-	-	-	-	751	751	(751)
WQA CBC TOTAL		1,302,369	-	-	-	8,153	816,129	751	825,033	477,336

BACWA Revenue Report for November 2014

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	ACTUAL	
Regional Water Recycling	BDO Interest Income	-	-	-	-	-	-	20	20	(20)
RWR TOTAL		-	-	-	-	-	-	20	20	(20)
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	-	-	-	-	-	114,500	-	114,500	(114,500)
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	60	-	-	93	93	(93)
WOT TOTAL		-	-	-	60	-	114,500	93	114,593	(114,593)
Prop84BayAreaIntegRegnIWtrMgmt	BDO Interest Income	-	-	-	-	-	-	258	258	(258)
Prop84BayAreaIntegRegnIWtrMgmt	Administrative Support	-	-	-	-	-	91,906	-	91,906	(91,906)
Prop84BayAreaIntegRegnIWtrMgmt	CCCSO-Concord RW Pipeline	-	-	-	-	-	978,500	-	978,500	(978,500)
Prop84BayAreaIntegRegnIWtrMgmt	Central Dublin RW Project	-	-	-	-	-	56,500	-	56,500	(56,500)
Prop84BayAreaIntegRegnIWtrMgmt	EBMUD East Bayshore I-80 PL	-	-	-	-	-	703,950	-	703,950	(703,950)
Prop84BayAreaIntegRegnIWtrMgmt	Novato So. Area, Hamilton Fiel	-	-	-	-	-	31,250	-	31,250	(31,250)
Prop84BayAreaIntegRegnIWtrMgmt	South Bay Adv RW Treatment R.O	-	-	-	-	-	2,360,750	-	2,360,750	(2,360,750)
Prop84BayAreaIntegRegnIWtrMgmt	South Bay Salt Pond Habitat Re	-	-	-	-	-	63,250	-	63,250	(63,250)
Prop84BayAreaIntegRegnIWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	78,220	-	78,220	(78,220)
Prop84BayAreaIntegRegnIWtrMgmt	Water Efficient LRP	-	-	-	-	-	106,168	-	106,168	(106,168)
Prop84BayAreaIntegRegnIWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	78,374	-	78,374	(78,374)
Prop84BayAreaIntegRegnIWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	13,589	-	13,589	(13,589)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Toilet & UR	-	-	-	-	-	260,941	-	260,941	(260,941)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Toilet & UI	-	-	-	-	-	39,986	-	39,986	(39,986)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Clothes Washrs	-	-	-	-	-	226,361	-	226,361	(226,361)
Prop84BayAreaIntegRegnIWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	10,970	-	10,970	(10,970)
Prop84BayAreaIntegRegnIWtrMgmt	Conservation Program Admin	-	-	-	-	-	20,454	-	20,454	(20,454)
Prop84BayAreaIntegRegnIWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	29,262	-	29,262	(29,262)
Prop84BayAreaIntegRegnIWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	33,438	-	33,438	(33,438)
Prop84BayAreaIntegRegnIWtrMgmt	Pescadero Integrated FRAH	-	-	-	-	-	48,653	-	48,653	(48,653)
Prop84BayAreaIntegRegnIWtrMgmt	Restoration Guidance, San FC	-	-	-	-	-	37,660	-	37,660	(37,660)
Prop84BayAreaIntegRegnIWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	56,471	-	56,471	(56,471)
Prop84BayAreaIntegRegnIWtrMgmt	Watershed Program Admnstrtn	-	-	-	-	-	9,339	-	9,339	(9,339)
PRP84 TOTAL		-	-	-	-	-	5,335,990	258	5,336,248	(5,336,248)
CBC Operating Resrve Fnd	BDO Interest Income	-	-	-	-	-	-	1,957	1,957	(1,957)
CBC OPRSRV TOTAL		-	-	-	-	-	-	1,957	1,957	(1,957)
Prop50BayAreaIntegRegnIWtrMgmt	BDO Interest Income	-	-	-	-	-	-	127	127	(127)
PRP50 TOTAL		-	-	-	-	-	-	127	127	(127)

BACWA Expense Report for November 2014

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	BC-Collections System	26,000	-	-	-	-	18,221	9,002	-	(850)	26,373	(373)
Bay Area Clean Water Agencies	BC-Permit Committee	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	BC-Water Recycling Committee	8,365	-	-	-	-	7,365	-	-	-	7,365	1,000
Bay Area Clean Water Agencies	BC-Biosolids Committee	5,000	-	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	BC-InfoShare Groups	12,000	(3,565)	3,565	-	-	8,435	3,565	-	-	12,000	-
Bay Area Clean Water Agencies	BC-Laboratory Committee	7,000	-	-	-	-	-	-	-	-	-	7,000
Bay Area Clean Water Agencies	BC-Miscellaneous Committee Sup	28,064	(2,542)	2,542	-	-	139,759	8,305	-	-	148,064	(120,000)
Bay Area Clean Water Agencies	LS-Regulatory Support	4,475	-	-	-	-	4,475	-	-	-	4,475	-
Bay Area Clean Water Agencies	LS-Executive Board Support	2,000	-	-	-	-	1,048	952	-	-	2,000	-
Bay Area Clean Water Agencies	CAS-PSSEP	20,000	-	-	-	-	-	-	-	-	-	20,000
Bay Area Clean Water Agencies	CAS-CPSC	5,000	-	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	CAS-PSI	500	-	-	-	-	-	-	-	-	-	500
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	8,300	-	-	83	-	1,500	-	3,683	-	5,183	3,118
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	5,500	-	-	718	-	-	-	3,315	-	3,315	2,185
Bay Area Clean Water Agencies	CAR-Other Communications	200	-	-	-	-	-	-	-	-	-	200
Bay Area Clean Water Agencies	GBS- Meeting Support	15,600	-	-	5,333	-	795	205	6,429	(300)	7,129	8,471
Bay Area Clean Water Agencies	AS-Executive Director	178,500	(29,750)	29,750	-	-	119,000	59,500	-	-	178,500	-
Bay Area Clean Water Agencies	AS-Assistant Executive Directo	76,500	(12,190)	12,216	-	-	43,297	32,259	7,007	-	82,563	(6,063)
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servic	40,000	-	-	582	-	29,411	10,589	3,522	(3,000)	40,522	(522)
Bay Area Clean Water Agencies	AS-Insurance	4,500	-	-	-	(6)	-	-	4,308	(6)	4,303	197
Bay Area Clean Water Agencies	BC-Pretreatment Committee	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	BC-BAPPG	81,000	-	-	-	-	-	-	-	-	-	81,000
Bay Area Clean Water Agencies	CAS-CWCCG	25,000	-	-	-	-	-	-	25,000	-	25,000	-
Bay Area Clean Water Agencies	AS-Regulatory Program Manager	120,000	-	-	-	-	-	-	-	-	-	120,000
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	-	-	-	-	-	-	-	10,000
Bay Area Clean Water Agencies	CAS-FWQC	5,000	-	-	-	-	-	-	-	-	-	5,000
BACWA TOTAL		691,504	(48,047)	48,073	6,715	(6)	373,306	124,377	53,264	(4,156)	546,792	144,712
AIR-Air Issues&Regulation Grp	Administrative Support	4,056	-	-	-	-	-	-	-	-	-	4,056
AIR-Air Issues&Regulation Grp	BDO Contract Expenses	77,064	-	-	-	-	48,390	28,674	-	-	77,064	-
AIR TOTAL		81,120	-	-	-	-	48,390	28,674	-	-	77,064	4,056
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	-	-	-	-	-	-	1,500	-	-	1,500	(1,500)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	8,044	(207)	207	-	-	3,009	3,535	-	-	6,544	1,501
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	-	-	-	-	-	5,000	-	-	-	5,000	(5,000)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	-	(4,827)	4,827	-	-	8,677	7,323	-	-	16,000	(16,000)
BAPPG TOTAL		8,044	(5,034)	5,034	-	-	16,685	12,358	-	-	29,044	(21,000)
WQA-WtrQualityAttainmntStratgy	WQA-CE-Technical Support	377,369	(11,660)	11,660	-	-	172,810	244,106	-	(43,200)	373,716	3,653
WQA-WtrQualityAttainmntStratgy	WQA-CE-Collaborations & Sponso	-	-	-	-	-	-	-	20,000	-	20,000	(20,000)
WQA-WtrQualityAttainmntStratgy	WQA-CE-Commun. & Reporting	21,000	-	-	-	-	6,000	-	-	-	6,000	15,000
WQA-WtrQualityAttainmntStratgy	WQA-CE-Other	-	-	-	-	-	-	-	-	-	-	-
WQA-WtrQualityAttainmntStratgy	WQA-CE-Nutrient WS Permit Comm	880,000	(7,503)	7,503	-	-	5,053	9,947	865,000	-	880,000	-
WQA-WtrQualityAttainmntStratgy	WQA-CE-Nutrient Tech Support	450,000	-	-	-	-	-	-	11,502	-	11,502	438,498
WQA-WtrQualityAttainmntStratgy	WQA-CE Risk Reduction	15,000	-	-	-	-	-	-	-	-	-	15,000
WQA CBC TOTAL		1,743,369	(19,163)	19,163	-	-	183,863	254,052	896,502	(43,200)	1,291,218	452,151
WOT - Wtr/Wotr Operat Training	BDO Contract Expenses	-	-	-	-	-	-	-	77,500	-	77,500	(77,500)
WOT TOTAL		-	-	-	-	-	-	-	77,500	-	77,500	(77,500)
Prop84BayAreaIntegRegnlWtrMgmt	Administrative Support	-	(51)	25	-	-	449	25	-	-	474	(474)

Prop84BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	(4,048)	4,048	-	-	19,903	8,826	-	-	28,728	(28,728)
Prop84BayAreaIntegRegnlWtrMgmt	CCCSD-Concord RW Pipeline	-	-	-	-	-	-	-	978,500	-	978,500	(978,500)
Prop84BayAreaIntegRegnlWtrMgmt	Central Dublin RW Project	-	-	-	-	-	-	-	56,500	-	56,500	(56,500)
Prop84BayAreaIntegRegnlWtrMgmt	EBMUD East Bayshore I-80 PL	-	-	-	-	-	-	-	703,950	-	703,950	(703,950)
Prop84BayAreaIntegRegnlWtrMgmt	Sonoma Valley RWP Stage 1	-	-	-	-	-	-	-	31,250	-	31,250	(31,250)
Prop84BayAreaIntegRegnlWtrMgmt	South Bay Adv RW Treatment R.O	-	-	2,360,750	-	-	-	-	2,360,750	-	2,360,750	(2,360,750)
Prop84BayAreaIntegRegnlWtrMgmt	Bair Island Restoration	-	-	-	-	-	-	-	63,250	-	63,250	(63,250)
Prop84BayAreaIntegRegnlWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	-	-	78,220	-	78,220	(78,220)
Prop84BayAreaIntegRegnlWtrMgmt	Water Efficient LRP	-	-	40,937	-	-	-	-	106,168	-	106,168	(106,168)
Prop84BayAreaIntegRegnlWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	-	-	78,374	-	78,374	(78,374)
Prop84BayAreaIntegRegnlWtrMgmt	Weather Based Irrigation Cntrl	-	-	9,665	-	-	-	-	13,589	-	13,589	(13,589)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Toilet & UR	-	-	126,843	-	-	-	-	260,941	-	260,941	(260,941)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Toilet & UI	-	-	6,626	-	-	-	-	39,986	-	39,986	(39,986)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Clothes Washrs	-	-	226,361	-	-	-	-	226,361	-	226,361	(226,361)
Prop84BayAreaIntegRegnlWtrMgmt	Napa Co. Rainwater HP	-	-	4,404	-	-	-	-	10,970	-	10,970	(10,970)
Prop84BayAreaIntegRegnlWtrMgmt	Conservation Program Admin	-	-	13,349	-	-	-	-	20,454	-	20,454	(20,454)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Partnership TA	-	-	-	-	-	-	-	-	-	-	-
Prop84BayAreaIntegRegnlWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	-	-	29,262	-	29,262	(29,262)
Prop84BayAreaIntegRegnlWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	-	-	33,438	-	33,438	(33,438)
Prop84BayAreaIntegRegnlWtrMgmt	Pescadero Integrated FRAH	-	-	-	-	-	-	-	48,653	-	48,653	(48,653)
Prop84BayAreaIntegRegnlWtrMgmt	Restoration Guidance, San FC	-	-	-	-	-	-	-	37,660	-	37,660	(37,660)
Prop84BayAreaIntegRegnlWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	-	-	56,471	-	56,471	(56,471)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Program Admnstrtn	-	-	-	-	-	-	-	9,339	-	9,339	(9,339)
PRP84 TOTAL		-	(4,099)	4,073	2,788,936	-	20,352	8,851	5,244,084	-	5,273,287	(5,273,287)
Prop50BayAreaIntegRegnlWtrMgmt	Administrative Support	-	(25)	25	-	-	475	25	-	-	500	(500)
Prop50BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	(2,018)	2,018	-	-	12,303	5,250	-	-	17,553	(17,553)
PRP50 TOTAL		-	(2,043)	2,043	-	-	12,778	5,275	-	-	18,053	(18,053)
		2,524,037	(78,385)	78,385	2,795,650	(6)	655,374	433,587	6,271,351	(47,356)	7,312,956	(4,788,919)

Fund Balances as of month end 12/31/14

LINE NUMBER	DEPT I D	DESCRIPTION	BEGINNING FUND BALANCE 07/1/14	TOTAL RECEIPTS	TOTAL DISBURSEMENTS	ENDING FUND BALANCE 11/30/14	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 11/30/14
1	800	BACWA	777,507	628,043	277,757	1,127,793	280,909	846,884
2	801	TRNG FND	-	-	-	-	-	-
3	802	AIR	19,063	72,159	28,674	62,548	48,390	14,158
4	803	BAPPG	60,537	77	12,358	48,255	16,685	31,570
5	804	LEGAL RSRV	300,000	-	-	300,000	-	300,000
6	805	WQA CBC	675,382	848,795	1,126,612	397,565	174,605	222,960
7	806	BACWAOPRES	160,000	-	-	160,000	-	160,000
8	807	RWR	16,780	20	-	16,800	-	16,800
9	809	RESERVE	-	-	-	-	-	-
10	810	WOT	58,295	117,593	77,500	98,388	-	98,388
11	811	PRP84	158,082	5,336,248	5,252,935	241,395	20,352	221,044
12	812	WQA EMERG	-	-	-	-	-	-
13	813	TECHACTION	-	-	-	-	-	-
14	814	CBC OPRSRV	1,198,890	1,957	-	1,200,847	-	1,200,847
15	815	PRP50	109,015	127	5,275	103,867	12,778	91,089
			3,533,551	7,005,020	6,781,112	3,757,459	553,718	3,203,741

BACWA Revenue Report for December 2014

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	ACTUAL	
Bay Area Clean Water Agencies	BDO Member Contributions	459,000	-	-	-	-	459,000	-	459,000	-
Bay Area Clean Water Agencies	BDO Other Receipts	41,354	-	-	-	3,900	3,450	-	7,350	34,004
Bay Area Clean Water Agencies	BDO Fund Transfers	6,500	-	-	-	-	-	-	-	6,500
Bay Area Clean Water Agencies	BDO Interest Income	4,000	-	-	-	-	-	1,043	1,043	2,957
Bay Area Clean Water Agencies	BDO Assoc.&Affiliate Contr	168,300	-	9,180	-	-	160,650	-	160,650	7,650
BACWA TOTAL		679,154	-	9,180	-	3,900	623,100	1,043	628,043	51,111
AIR-Air Issues&Regulation Grp	BDO Member Contributions	81,120	-	6,000	-	-	72,120	-	72,120	9,000
AIR-Air Issues&Regulation Grp	BDO Interest Income	-	-	-	-	-	-	39	39	(39)
AIR TOTAL		81,120	-	6,000	-	-	72,120	39	72,159	8,961
BAPPG-BayAreaPollutnPreventGrp	BDO Interest Income	-	-	-	-	-	-	77	77	(77)
BAPPG TOTAL		-	-	-	-	-	-	77	77	(77)
WQA-WtrQualityAttainmntStratgy	BDO Member Contributions	675,000	-	15,067	-	-	579,712	-	579,712	95,288
WQA-WtrQualityAttainmntStratgy	BDO Other Receipts	627,369	-	8,695	-	8,153	260,179	-	268,332	359,037
WQA-WtrQualityAttainmntStratgy	BDO Interest Income	-	-	-	-	-	-	751	751	(751)
WQA CBC TOTAL		1,302,369	-	23,762	-	8,153	839,891	751	848,795	453,574

BACWA Revenue Report for December 2014

DEPARTMENT	REVENUE TYPE	AMENDED BUDGET	CURRENT PERIOD			YEAR TO DATE				UNOBLIGATED
			DIRECT	INVOICED	JVS	DIRECT	INVOICED	JVS	ACTUAL	
Regional Water Recycling	BDO Interest Income	-	-	-	-	-	-	20	20	(20)
RWR TOTAL		-	-	-	-	-	-	20	20	(20)
WOT - Wtr/Wwtr Operat Training	BDO Member Contributions	-	-	3,000	-	-	117,500	-	117,500	(117,500)
WOT - Wtr/Wwtr Operat Training	BDO Interest Income	-	-	-	-	-	-	93	93	(93)
WOT TOTAL		-	-	3,000	-	-	117,500	93	117,593	(117,593)
Prop84BayAreaIntegRegnIWtrMgmt	BDO Interest Income	-	-	-	-	-	-	258	258	(258)
Prop84BayAreaIntegRegnIWtrMgmt	Administrative Support	-	-	-	-	-	91,906	-	91,906	(91,906)
Prop84BayAreaIntegRegnIWtrMgmt	CCCSO-Concord RW Pipeline	-	-	-	-	-	978,500	-	978,500	(978,500)
Prop84BayAreaIntegRegnIWtrMgmt	Central Dublin RW Project	-	-	-	-	-	56,500	-	56,500	(56,500)
Prop84BayAreaIntegRegnIWtrMgmt	EBMUD East Bayshore I-80 PL	-	-	-	-	-	703,950	-	703,950	(703,950)
Prop84BayAreaIntegRegnIWtrMgmt	Novato So. Area, Hamilton Fiel	-	-	-	-	-	31,250	-	31,250	(31,250)
Prop84BayAreaIntegRegnIWtrMgmt	South Bay Adv RW Treatment R.O	-	-	-	-	-	2,360,750	-	2,360,750	(2,360,750)
Prop84BayAreaIntegRegnIWtrMgmt	South Bay Salt Pond Habitat Re	-	-	-	-	-	63,250	-	63,250	(63,250)
Prop84BayAreaIntegRegnIWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	78,220	-	78,220	(78,220)
Prop84BayAreaIntegRegnIWtrMgmt	Water Efficient LRP	-	-	-	-	-	106,168	-	106,168	(106,168)
Prop84BayAreaIntegRegnIWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	78,374	-	78,374	(78,374)
Prop84BayAreaIntegRegnIWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	13,589	-	13,589	(13,589)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Toilet & UR	-	-	-	-	-	260,941	-	260,941	(260,941)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Toilet & UI	-	-	-	-	-	39,986	-	39,986	(39,986)
Prop84BayAreaIntegRegnIWtrMgmt	High Efficiency Clothes Washrs	-	-	-	-	-	226,361	-	226,361	(226,361)
Prop84BayAreaIntegRegnIWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	10,970	-	10,970	(10,970)
Prop84BayAreaIntegRegnIWtrMgmt	Conservation Program Admin	-	-	-	-	-	20,454	-	20,454	(20,454)
Prop84BayAreaIntegRegnIWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	29,262	-	29,262	(29,262)
Prop84BayAreaIntegRegnIWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	33,438	-	33,438	(33,438)
Prop84BayAreaIntegRegnIWtrMgmt	Pescadero Integrated FRAH	-	-	-	-	-	48,653	-	48,653	(48,653)
Prop84BayAreaIntegRegnIWtrMgmt	Restoration Guidance, San FC	-	-	-	-	-	37,660	-	37,660	(37,660)
Prop84BayAreaIntegRegnIWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	56,471	-	56,471	(56,471)
Prop84BayAreaIntegRegnIWtrMgmt	Watershed Program Admnstrtn	-	-	-	-	-	9,339	-	9,339	(9,339)
PRP84 TOTAL		-	-	-	-	-	5,335,990	258	5,336,248	(5,336,248)
CBC Operating Resrve Fnd	BDO Interest Income	-	-	-	-	-	-	1,957	1,957	(1,957)
CBC OPRSRV TOTAL		-	-	-	-	-	-	1,957	1,957	(1,957)
Prop50BayAreaIntegRegnIWtrMgmt	BDO Interest Income	-	-	-	-	-	-	127	127	(127)
PRP50 TOTAL		-	-	-	-	-	-	127	127	(127)

BACWA Expense Report for December 2014

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	BC-Collections System	26,000	(3,985)	3,985	-	-	14,236	12,987	-	(850)	26,373	(373)
Bay Area Clean Water Agencies	BC-Permit Committee	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	BC-Water Recycling Committee	8,365	-	-	-	-	7,365	-	-	-	7,365	1,000
Bay Area Clean Water Agencies	BC-Biosolids Committee	5,000	-	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	BC-InfoShare Groups	12,000	(3,450)	3,450	-	-	4,985	7,015	-	-	12,000	-
Bay Area Clean Water Agencies	BC-Laboratory Committee	7,000	-	-	-	-	-	-	-	-	-	7,000
Bay Area Clean Water Agencies	BC-Miscellaneous Committee Sup	28,064	(48,909)	3,102	-	-	90,850	11,407	-	-	102,257	(74,193)
Bay Area Clean Water Agencies	LS-Regulatory Support	4,475	-	-	-	-	4,475	-	-	-	4,475	-
Bay Area Clean Water Agencies	LS-Executive Board Support	2,000	-	-	-	-	1,048	952	-	-	2,000	-
Bay Area Clean Water Agencies	CAS-PSSEP	20,000	-	-	-	-	-	-	-	-	-	20,000
Bay Area Clean Water Agencies	CAS-CPSC	5,000	-	-	-	-	-	-	-	-	-	5,000
Bay Area Clean Water Agencies	CAS-PSI	500	-	-	500	-	-	-	500	-	500	-
Bay Area Clean Water Agencies	CAR-BACWA Annual Report	1,000	-	-	-	-	-	-	-	-	-	1,000
Bay Area Clean Water Agencies	CAR-BACWA Website Development/	8,300	-	-	-	-	1,500	-	3,683	-	5,183	3,118
Bay Area Clean Water Agencies	AS-BACWA Admin Expense	5,500	-	-	655	-	-	-	3,971	-	3,971	1,529
Bay Area Clean Water Agencies	CAR-Other Communications	200	-	-	-	-	-	-	-	-	-	200
Bay Area Clean Water Agencies	GBS- Meeting Support	15,600	(82)	82	563	-	714	286	6,992	(300)	7,692	7,908
Bay Area Clean Water Agencies	AS-Executive Director	178,500	(29,750)	29,750	-	-	89,250	89,250	-	-	178,500	-
Bay Area Clean Water Agencies	AS-Assistant Executive Directo	76,500	(6,222)	6,222	-	-	37,075	38,481	7,007	-	82,563	(6,063)
Bay Area Clean Water Agencies	AS-EBMUD Administrative Servic	40,000	-	-	-	-	29,411	10,589	3,522	(3,000)	40,522	(522)
Bay Area Clean Water Agencies	AS-Insurance	4,500	-	-	-	-	-	-	4,308	(6)	4,303	197
Bay Area Clean Water Agencies	BC-Pretreatment Committee	1,000	-	-	157	-	-	-	157	-	157	843
Bay Area Clean Water Agencies	BC-BAPPG	81,000	-	-	-	-	-	-	-	-	-	81,000
Bay Area Clean Water Agencies	CAS-CWCCG	25,000	-	-	-	-	-	-	25,000	-	25,000	-
Bay Area Clean Water Agencies	AS-Regulatory Program Manager	120,000	-	45,807	-	-	-	45,807	-	-	45,807	74,193
Bay Area Clean Water Agencies	BDO-CAS-Stanford ERC	10,000	-	-	10,000	-	-	-	10,000	-	10,000	-
Bay Area Clean Water Agencies	CAS-FWQC	5,000	-	-	-	-	-	-	-	-	-	5,000
BACWA TOTAL		691,504	(92,397)	92,397	11,875	-	280,909	216,774	65,139	(4,156)	558,667	132,837
AIR-Air Issues&Regulation Grp	Administrative Support	4,056	-	-	-	-	-	-	-	-	-	4,056
AIR-Air Issues&Regulation Grp	BDO Contract Expenses	77,064	-	-	-	-	48,390	28,674	-	-	77,064	-
AIR TOTAL		81,120	-	-	-	-	48,390	28,674	-	-	77,064	4,056
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-General P2	-	-	-	-	-	-	1,500	-	-	1,500	(1,500)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Emerging Issues	8,044	-	-	-	-	3,009	3,535	-	-	6,544	1,501
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Other	-	-	-	-	-	5,000	-	-	-	5,000	(5,000)
BAPPG-BayAreaPollutnPreventGrp	BAPPG-CE-Multi-Pollutant	-	-	-	-	-	8,677	7,323	-	-	16,000	(16,000)
BAPPG TOTAL		8,044	-	-	-	-	16,685	12,358	-	-	29,044	(21,000)
WQA-WtrQualityAttainmntStratgy	WQA-CE-Technical Support	377,369	(4,443)	4,443	-	-	168,367	248,549	-	(43,200)	373,716	3,653
WQA-WtrQualityAttainmntStratgy	WQA-CE-Collaborations & Sponso	-	-	-	-	-	-	-	20,000	-	20,000	(20,000)
WQA-WtrQualityAttainmntStratgy	WQA-CE-Commun. & Reporting	21,000	-	-	-	-	6,000	-	-	-	6,000	15,000
WQA-WtrQualityAttainmntStratgy	WQA-CE-Other	-	-	-	-	-	-	-	-	-	-	-
WQA-WtrQualityAttainmntStratgy	WQA-CE-Nutrient WS Permit Comm	880,000	(4,816)	4,816	-	-	238	14,762	865,000	-	880,000	-
WQA-WtrQualityAttainmntStratgy	WQA-CE-Nutrient Tech Support	450,000	-	-	9,999	-	-	-	21,501	-	21,501	428,499
WQA-WtrQualityAttainmntStratgy	WQA-CE Risk Reduction	15,000	-	-	-	-	-	-	-	-	-	15,000
WQA CBC TOTAL		1,743,369	(9,259)	9,259	9,999	-	174,605	263,311	906,501	(43,200)	1,301,217	442,152
WOT - Wtr/Wotr Operat Training	BDO Contract Expenses	-	-	-	-	-	-	-	77,500	-	77,500	(77,500)
WOT TOTAL		-	-	-	-	-	-	-	77,500	-	77,500	(77,500)
Prop84BayAreaIntegRegnlWtrMgmt	Administrative Support	-	-	-	-	-	449	25	-	-	474	(474)

Prop84BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	-	-	-	-	19,903	8,826	-	-	28,728	(28,728)
Prop84BayAreaIntegRegnlWtrMgmt	CCCSD-Concord RW Pipeline	-	-	-	-	-	-	-	978,500	-	978,500	(978,500)
Prop84BayAreaIntegRegnlWtrMgmt	Central Dublin RW Project	-	-	-	-	-	-	-	56,500	-	56,500	(56,500)
Prop84BayAreaIntegRegnlWtrMgmt	EBMUD East Bayshore I-80 PL	-	-	-	-	-	-	-	703,950	-	703,950	(703,950)
Prop84BayAreaIntegRegnlWtrMgmt	Sonoma Valley RWP Stage 1	-	-	-	-	-	-	-	31,250	-	31,250	(31,250)
Prop84BayAreaIntegRegnlWtrMgmt	South Bay Adv RW Treatment R.O	-	-	-	-	-	-	-	2,360,750	-	2,360,750	(2,360,750)
Prop84BayAreaIntegRegnlWtrMgmt	Bair Island Restoration	-	-	-	-	-	-	-	63,250	-	63,250	(63,250)
Prop84BayAreaIntegRegnlWtrMgmt	Regional Green Infrastructure	-	-	-	-	-	-	-	78,220	-	78,220	(78,220)
Prop84BayAreaIntegRegnlWtrMgmt	Water Efficient LRP	-	-	-	-	-	-	-	106,168	-	106,168	(106,168)
Prop84BayAreaIntegRegnlWtrMgmt	Bay Friendly Landscape TP	-	-	-	-	-	-	-	78,374	-	78,374	(78,374)
Prop84BayAreaIntegRegnlWtrMgmt	Weather Based Irrigation Cntrl	-	-	-	-	-	-	-	13,589	-	13,589	(13,589)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Toilet & UR	-	-	-	-	-	-	-	260,941	-	260,941	(260,941)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Toilet & UI	-	-	-	-	-	-	-	39,986	-	39,986	(39,986)
Prop84BayAreaIntegRegnlWtrMgmt	High Efficiency Clothes Washrs	-	-	-	-	-	-	-	226,361	-	226,361	(226,361)
Prop84BayAreaIntegRegnlWtrMgmt	Napa Co. Rainwater HP	-	-	-	-	-	-	-	10,970	-	10,970	(10,970)
Prop84BayAreaIntegRegnlWtrMgmt	Conservation Program Admin	-	-	-	-	-	-	-	20,454	-	20,454	(20,454)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Partnership TA	-	-	-	-	-	-	-	-	-	-	-
Prop84BayAreaIntegRegnlWtrMgmt	Flood Infrastructure Mapping T	-	-	-	-	-	-	-	29,262	-	29,262	(29,262)
Prop84BayAreaIntegRegnlWtrMgmt	Stormwater Improvements & PBP	-	-	-	-	-	-	-	33,438	-	33,438	(33,438)
Prop84BayAreaIntegRegnlWtrMgmt	Pescadero Integrated FRAH	-	-	-	-	-	-	-	48,653	-	48,653	(48,653)
Prop84BayAreaIntegRegnlWtrMgmt	Restoration Guidance, San FC	-	-	-	-	-	-	-	37,660	-	37,660	(37,660)
Prop84BayAreaIntegRegnlWtrMgmt	SF Estuary Steelhead MP	-	-	-	-	-	-	-	56,471	-	56,471	(56,471)
Prop84BayAreaIntegRegnlWtrMgmt	Watershed Program Admnstrtn	-	-	-	-	-	-	-	9,339	-	9,339	(9,339)
PRP84 TOTAL		-	-	-	-	-	20,352	8,851	5,244,084	-	5,273,287	(5,273,287)
Prop50BayAreaIntegRegnlWtrMgmt	Administrative Support	-	-	-	-	-	475	25	-	-	500	(500)
Prop50BayAreaIntegRegnlWtrMgmt	BDO Contract Expenses	-	-	-	-	-	12,303	5,250	-	-	17,553	(17,553)
PRP50 TOTAL		-	-	-	-	-	12,778	5,275	-	-	18,053	(18,053)
		2,524,037	(101,656)	101,656	21,874	-	553,718	535,243	6,293,225	(47,356)	7,334,830	(4,810,793)

Committee Request for Board Action: None

Meeting held at the CH2M HILL office in Oakland.

16 attendees, representing 10 member agencies

Committee Update:

Elyse Engel of CH2M HILL provided an overview of regulatory issues and grant opportunities:

http://bacwa.org/Portals/0/Committees/AirIssuesRegulations/Library/2015Jan14-AIR_Mtg_FINAL.pdf. Some key issues are as follows:

- Amendments to the State Greenhouse Gas (GHG) Reporting rule, effective January 1, that are applicable to publicly owned treatment works (POTWs):
 - Clarify reporting applicability for biofuel production facilities that produce and deliver transportation fuels outside the bulk terminal/transfer system
 - Clarify that biofuel production facilities must report biofuel delivered outside the bulk transfer/terminal system
 - Added renewable diesel as a reportable biomass derived transport fuel
- The Governor's proposed 2015-2016 budget includes a goal to develop a mid-term GHG reduction target for 2030, which would help facilitate meeting the 2050 target
- New Office of Environmental Health Hazard Assessment (OEHHA) Health Risk Assessment Guidance is expected to increase cancer risk results 3-fold

Inclusion as a Regular BACWA Committee:

Dave Williams led a discussion regarding the status of the AIR Committee and proposed that the AIR Committee become a standing committee under BACWA. The members of the AIR committee agreed to move forward with a one-year trial whereby the AIR Committee will be phased in as a regular committee of BACWA. During the first year, dues for AIR Committee members will be reduced by 1/3rd, and the shortfall in revenues from the approved budget will be made up from regular BACWA dues. AIR Committee dues would continue to be phased out over an additional 2 years. Beginning July 1, 2015, AIR Committee meetings will be open to all BACWA members and content on the AIR Committee website will not be password protected, unless the need is identified for individual documents.

Next Meeting: The next meeting will be the annual meeting with Bay Area Air Quality Management District (BAAQMD) staff and will be held at the BAAQMD's office in San Francisco. AIR Committee members are encouraged to email Elyse Engel topics of interest to discuss with the BAAQMD staff, which may include:

- Improving communication between POTWs and their permitting engineers
- Climate-change regulations updates
- Cross-media issues, including response to BACWA's June 2014 letter
- Regulation 2 updates
- Implementation of the new OEHHA Health Risk Assessment Guidance

The meeting is not yet scheduled, but will likely be held in March or April.

Committee Budget: \$46,385 of \$77,064 spent as of December 26, 2014

BAPPG Committee Report to BACWA Board

Meeting Date: February 4, 2015
Prepared By: Manon Fisher, SFPUC
BAPPG Secretary

Committee Request for Board Action

None

Committee Updates

- BAPPG produced and distributed the 2014 Annual Report to member agencies for inclusion in 2014 Pollution Prevention Annual Reports. Reports due February 28th to the Regional Water Quality Control Board. Report can be found on the [BACWA website](#).
- Conducted a budget and strategic planning session with BAPPG General Committee to allocate FY 2015-2016 budget and revisit efficacy of programs.
 - Absorbed California Product Stewardship Council (CPSC) and Product Stewardship Institute (PSI) support into BAPPG budget that was previously paid by BACWA and added extra support for upcoming year due to importance of pharmaceuticals work
 - Identified additional need for research surrounding Contaminants of Emerging Concern, particularly focused on micro-plastics, alternative flame retardants, triclosan, and nano-particles.

Current Project Summary

- For current project summaries see 2014 BAPPG Annual Report
- The Facebook Pharmaceutical Campaign performed well with 3,435,931 impressions, 4,159 clicks, and a 0.121% click-through rate. This is excellent for a social marketing campaign and is performing better than the average banner ad campaign.

Date of Next BAPPG Meeting

BAPPG Steering Committee Meeting

March, 4 2015: 9:00am-10:00am
Conference Call

BAPPG General Meeting

April 1, 2015: 10:00am-12:00pm
1515 Clay Street, Second Floor, Room 12
Oakland, CA

Collection Systems Committee

Report to BACWA Board

February 12, 2015
From: Vince Falzon, Committee Chair
Prepared By: Steve Bui

Committee Request for Board Action: None

Highlights of New Items Discussed and Action Items

New Senate Bill No. 119

Senate Bill No. 119, being proposed by California Senator Hill, is related to marking of underground facilities prior to excavation. If voted into law, it would:

- expand the law to apply to gravity sewer and storm drain pipelines;
- require marking of mainlines (including abandoned lines if known) and service lines to the property line or behind curb or sidewalk;
- require agencies to maintain and update plans and records for subsurface installations; and
- create a new California Underground Facilities Safe Excavation Authority with enforcement authority.

A few agencies currently mark all sewers and laterals if there is a property line cleanout. Some questions and concerns were voiced at the meeting including:

- How much effort will be involved for agencies to mark all sewers?
- Will the law force property owners to mark private laterals?
- California Association of Sanitation Agencies (CASA) is tracking the Bill and will probably provide amendments. Will BACWA submit separate comments or a supporting letter?

Sewer System Management Plan (SSMP) Auditing: The Why's and How's

Paul Causey and Doug Humphrey gave a presentation on SSMP auditing based on their experience working with regulators, preparing SSMPs, and conducting audits (required every 2 years under the Waste Discharge Requirement). Topics included audit requirements and uses; what is meant by "effectiveness"; what constitutes a good or bad audit; and audit resources and references. Key take home points from the presentation include:

- focus on documenting SSMP effectiveness;
- make sure all staff are aware of the SSMP and what is in it;
- audit should be approved by the local recipient organization, and it should consider having its attorney review the audit and SSMP;
- identify person(s) or position(s) responsible for implementing changes;
- do not commit to any changes that agency is not going to implement; and
- conducting a pre-emptive audit is a good idea if facing potential regulatory or legal action.

Other Collection System New Items

- River Watch has opened an office in Los Angeles and is now focusing on San Diego and southern Orange County. They have filed 5 or 6 notice of violation letters, similar to those filed in Northern California. One city (Laguna Beach) is taking them to court.
- Fairfield-Suisun Sewer District's draft NPDES permit refers to target Sanitary Sewer Overflow (SSO) rates.

Announcements of Upcoming Training, Conferences, and Meetings

- CWEA SF Bay Section Collection System Committee - Competent Person Training will be held on March 11 at Central Contra Costa Sanitary District.
- Maintenance Superintendents Association workshop and general meeting will be held on February 19 in Livermore.

Next Collection System Committee Meeting

Our next committee meeting will be held on April 9, at 1:30 PM, at the Boy Scouts facility in San Leandro.

Laboratory Committee – Report to BACWA Board

Laboratory committee meeting on: January 14, 2015

Committee Chair: Noel Enoki

Vice Chair: Nirmela Arsem

Committee Request for Board Action: None

Audits:

- No audits noted for this month by attendees.

Regulatory developments:

- Permits Committee review items.
- RQWCB Treatment Optimization and Treatment Upgrades document was distributed to members

Open forum:

- Developing general details for tentative BACWA sponsored training seminar on Data Quality Objectives in mid April or May.
- Kevin Cesar (City of Millbrae) brought up acute toxicity test issue affecting his reference toxicity results. Members suggested use of KCl as a toxicant instead of SDS.
- Nirmela Arsem (EBMUD) shared recent experiences with the purchase of a new GC-MS/MS from Thermo.
- Noel Enoki (COSJ) asked if any members would be interested in participating in the Standard Methods JTG (Joint Task Group) investigating cyanide pretreatment and preservation.
- Kevin Cesar (City of Millbrae) inquired if any members had encountered issues with pretreatment and preservation of cyanide with the presence of NO₂/NO₃ in the sample.
- Guy Moy (USD) mentioned issues encountered with forward amperometric titration for residual chlorine.
- Mindy Boele (Vacaville) asked if any members had previous experiences or comments about Fisher brand pH meters as related to her lab's current experiences/issues.
- Nicole Van Aken (City of Benicia) via Jennifer Harrington, is currently evaluating LIMS asked if members had any LIMS experiences/recommendations that they could share with her.
- Jennifer Harrington (VSFCD) asked members for input as to the manufacture/type of monitors their Facility uses for SBS process monitoring.
- Samantha Bialorucki (City of Palo Alto) solicited members opinion on the 15 minute rule for the preservation of C24 samples.
- Raj Gumber (DSRSD) announced that Connie Sanchez was selected as Lab Person of the Year for CWEA.
- Mindy Boele (Vacaville) informed members that PERL (Pacific EcoRisk Labs) was scheduled to present a seminar on TST and bioassay for a Redwood Empire CWEA event.
- Kevin Cesar (City of Millbrae) had a question on DMR submission issues. Members suggested contact information to assist with DMR related form/report issues.

Focus topics:

- Time allocated open forum.

Recruitment Opportunities:

- None mentioned by attendees

Action Items:

- Noel (COSJ) to post ASTM D7365-09a (cyanide pretreatment and preservation) method mentioned in the 2012 MUR for cyanide preservation on the BACWA lab website.
- Contact information for DMR issues
- SBS process monitoring equipment information requested by Jennifer Harrington (VSFCD)

Next BACWA Laboratory Committee Meeting: Wednesday, February 11, 2014, at EBMUD Laboratory Library.

Laboratory Committee – Report to BACWA Board

Laboratory committee meeting on: February 11, 2015

Committee Chair: Noel Enoki

Vice Chair: Nirmela Arsem

Committee Request for Board Action: Request approval for comment letter submission on behalf of BACWA to the ELAP ERP meeting scheduled for 3/17-19/15 at the SCCWRP Office in Costa Mesa, CA.

Audits:

- SFPUC (Ken Lee) audit for Treasure Island. Auditor requested that the final effluent sample for BOD be checked and documented with a corresponding procedure for residual chlorine. The auditor was informed of the facility process/requirement which results in no discharge of residual chlorine.

Regulatory developments:

- State Water Board's recent creation of an ELAP ERP (Environmental Laboratory Accreditation Program; Expert Review Panel) through SCCWRP (Southern California Coastal Water Research Program) to evaluate the current ELAP program. Lab committee members recommended BACWA provide a comment letter to the ELAP ERP with their recommendations/concerns.
- An LAWG (Laboratory Accreditation Work Group) meeting took place on 2/12/15 that was available via teleconferencing to cover/discuss eight questions from members of the SCCWRP and ELTAC to the ELAP ERP.
 1. What should the State's role be in the accreditation process?
 2. How can California's accreditation standards be improved?
 3. What should California's approach be to recognizing accreditation by other states, national entities or private accreditation services? (Should CA rejoin NELAP?)
 4. How can ELAP's laboratory inspection program be made more robust? (What are the appropriate qualifications for auditor/inspector team members in each of the specialty areas that ELAP certifies laboratories?)
 5. How can California improve its proficiency testing program for quantifying laboratory quality?
 6. How can California improve its process for responding to concerns expressed by: a) laboratories that have concerns about the certification process, or b) clients who have concerns about the quality of a laboratory that has been certified by ELAP?
 7. How should ELAP plan for future programmatic, testing and management needs?
 8. Which program improvements are most urgent and can be accomplished within existing resources and authorities? (Which are the highest priority longer-term program improvements?)

Open forum:

- Short discussion on the Las Gilinas permit issue of numeric limits for chronic toxicity testing.

Focus topics:

- "Electrochemistry in Today's Lab" presented by Thermo representative Don Ivy. Presentation covered concepts and theories on pH probes/ISE (ion selective probes). Specific topics included ideal slope/millivolt standard; primary calibration standards; temperature; acceptance ranges; types of pH probes and their application in specific or recommended matrices; and maintenance of the probes.

Recruitment Opportunities:

- San Leandro's recruitment for a Lab Technician was closing this month.

Action Items:

- Dan Jackson (Benicia) volunteered to attend the teleconference meeting for the LAWG mentioned above. Dan will be in the L.A. during the ELAP ERP meeting (3/17-19/15) and time permitting, will attend the session open to the public on 3/17/15.
- Noel Enoki (COSJ) to determine steps necessary to provide a comment letter on behalf of BACWA for the ELAP ERP meeting scheduled for 3/17-18/15. Include draft and approval cycle.
- Noel will need to determine whom or where to send the BACWA comment letter for the ELAP ERP meeting if approved.

Next BACWA Laboratory Committee Meeting: Wednesday, March 11, 2014, at EBMUD Laboratory Library.

Committee Request for Board Action: None

21 attendees representing 15 BACWA member agencies

Adoption of Permits/Permit Amendments:

January – *Treasure Island* – There was no change in how toxicity testing was implemented in this permit. The fact sheet contained language about SSOs even though their NPDES permit doesn't govern sewer systems (which are instead covered by the Statewide WDR). There was discussion about BACWA writing a letter protesting this inclusion, or asking that the SSO data be presented with context, but there was not sufficient time for BACWA to draft and submit it. BACWA may submit a comment letter regarding the same language in FSSD's permit.

March – *Fairfield Suisun* – Comments are due January 26, and FSSD is asking BACWA to weigh in on the SSO language in the fact sheet. FSSD is a good test case, since they have very little collection system and no issues with it, so a letter would speak to the general nature of the objection to the language, and not seem like BACWA is trying to protect an individual agency. There was a discussion about whether this is a winnable issue and whether it is worth submitting a letter. FSSD staff will draft a letter for BACWA Board consideration. There is also a reasonable potential analysis for DO in the tentative order, which is unusual and due to the fact that there is a local TMDL in Suisun Marsh.

San Francisco Oceanside Plant – Most of the special provisions in the Oceanside Plant permit, such as beach monitoring, don't apply to other POTWs in the Region. Their new permit will cover the new recycled water plant they are developing at their facility. They are under EPA jurisdiction and are being given the TST in their permit, which is advantageous in their case.

Las Gallinas – The EPA will likely submit an objection letter and require them to replace their numeric chronic toxicity triggers with limits, which will be precedential in Region 2.

April – *EBMUD* – Robert Schlipf is writing EBMUD's permit. The administrative draft has been issued and does not contain the SSO language in its Fact Sheet, although EBMUD's collection systems and its satellites are covered by consent decree. EPA made the same comments about toxicity in EBMUD's permits as they did in the LACSD permits, but then backed down. However, they are going from semiannual to quarterly chronic toxicity monitoring. There is a permit provision to do an outfall inspection. They are also looking at the Iowa League of Cities case allowing blending to see whether it is a persuasive case law that would limit EPA jurisdiction over blending.

Palo Alto Cease and Desist Order

Palo Alto has been having a problem meeting its pH limit of 6.5. From 2005 to 2014, influent ammonia concentration has increased 58 percent, from 24 to 38 mg/L, and influent ammonia loads have increased by 17 percent, from 2,300 to 2,700 kg/day. This is likely due to the increase in tech workers in their service area as well as conservation. Nitrification decreases the pH, and they have very little alkalinity. They are planning to solve their problem with chemical addition, which will cost \$1,300 per day. Mike Connor commented that HDR should consider the impact on pH when they're doing their optimization/upgrade analyses.

Nutrients

Optimization/Upgrade Studies – HDR has completed the first phase of the contract, and will be continuing with the second, although funds have not yet been authorized. BACWA has presented the Scoping and Evaluation Plans to the Regional Water Board and got a conditional acceptance. The RWB wants the following: 1) Site-specific growth projections. BACWA will propose setting site-specific projections where data already exist, and assuming 15% growth for the rest; 2) A discussion of next steps pertaining to emerging technologies. HDR will list technologies with pros and cons; 3) A lower nitrogen concentration goal of 4 mg/L TN. HDR will likely change the lower goal from 6 mg/L, at least for some facilities, rather than add an additional level of treatment in order to not increase the scope.

Survey – The survey to get information about plant infrastructure, operation and water quality is due in two parts. There were three webinars to describe how to fill out the survey. Committee members felt that Part A is fairly straightforward, and Part B is trickier since it requests information that isn't readily available. For example, some information needs to be gathered from operator logbooks since it is not entered into LIMS. There was a question about whether this data will be made public, especially since it's not certified. It probably won't be – although technically it is all public data.

Toxicity

BACWA joined with CASA and others in a petition asking the State Water Board to remand two LACSD facilities' permits where the EPA stepped in to include numeric limits measured using the TST. CASA is waiting to set up a meeting with State Water Board staff about how the Toxicity Plan will be impacted by the EPA's requirements in LACSD's permit. However, the meeting can't directly address the petition due to *ex-parte* rules. Currently, State Water Board counsel is conferring with EPA to see what authority they have over toxicity rules. There is not known timing on the petition. The State Water Board already has five or six petitions pertaining to toxicity and has not yet taken action on any of them.

Report Out from Executive Board Meeting on 12/20/14

- *Presentations* – Sunnyvale discussed their plans for going to zero discharge. There was a discussion of six pilot studies on nutrient reduction in the Region. Jim Ervin gave a [presentation](#) on the extent of sea level rise and how it impacts facilities planning. Jim's point is that agencies can go on the web and look up local or global tide gage data. The methodology for taking tide data and projecting future risk is available from US Army Corps and CALTRANS. Most people have already planned for the 100-year Base Flood Elevation anyway, and in most cases, the projected 100 year flood is above the IPCC worst case projections of sea level rise by 2150 or 2100.
- *Bimonthly meeting with the Water Board* – Two of the main topics will be toxicity and recycled water permitting. There was a discussion about the benefit of regional uniformity in recycled water permitting. Cheryl Munoz provided a [comparison](#) of two Recycled Water General Permits: Region 2 96-011 and State 2014-0090, which is generally seen as more onerous. San Francisco is looking to permit a new project, and while they may lean toward coverage under the State Permit, Amy reports there won't be any action in the near term. Benicia will likely put in a NOI for a new small project and will ask for coverage under 96-011, which will serve as a test case in the Region.

Committee Webpage

The BACWA website is being updated, and there is an opportunity to improve the permits committee website. There was a discussion about security and the committee decided against password protecting any of the committee materials.

Informational Items/Announcements

- *Annual Members Meeting* – Meeting is January 30 at the Elihu M. Harris State Building in downtown Oakland. Please RSVP to Sherry Hull.
- *Dental Amalgam Rule* – Tim Potter is working on draft letters with CASA and BACWA workgroups. The comment period was extended to February 20.
- City of San Jose received NOI from BayKeeper on trash in stormwater.
- CASA needs input on their resource alignment/cost of compliance effort – Amanda has asked Adam Link for more information.

Next BACWA Permits Committee Meeting: Tuesday, February 10, 2014, at EBMUD Plant Library

Committee Request for Board Action: None

21 attendees representing 12 BACWA member agencies

Adoption of Permits/Permit Amendments:

March – Fairfield Suisun Sewer District – BACWA submitted a [comment letter](#) asking for the removal of SSO language from the Fact Sheet of their TO, since their sewer system is covered by the State SSS WDR. FSSD has not yet heard back from their permit writer about whether the language will be removed.

April (and beyond) – Las Gallinas Valley Sanitation District – Las Gallinas was given numeric chronic toxicity limits, in addition to triggers in their tentative order. In calculating their limits, the Region water board granted them the same dilution they get for cyanide (3.25:1) resulting in limits of 2.7 TUc avg monthly and 5.3 TUc max day. Reasonable potential was determined qualitatively based on 30 data points. The one high toxicity value (8 TUc) was used to confirm reasonable potential, although the agency says that it was likely a spurious hit. A key objection to the development of limits in the Las Gallinas permit is that it represents developing policy by permit. Other (minor) issues in the Las Gallinas permit were language addressing historic blending and the rescinding of a CDO for copper compliance. Further discussion about toxicity is below.

San Francisco Oceanside Plant and EBMUD's upcoming permits were on the agenda but were not discussed at the meeting. Please see the January Board report for more information.

Toxicity

Jim Ervin gave the [presentation](#) on toxicity that he had developed for the BACWA annual meeting. Two key points of the presentation are that observed toxicity is difficult to replicate and attribute to a specific toxicant. Also, his key closing message is that although San Jose experiences ongoing low level toxicity, the health of the ecosystem downstream of their effluent is evidence that their effluent isn't toxic in the receiving water.

Several BACWA members will be meeting with Dave Smith at the EPA to discuss the inclusion of numeric limits in permits moving forward. The committee discussed approaches to this meeting. Lorien Fono will gather chronic toxicity data from shallow water dischargers and send an analysis of the data to the team attending the meeting. If chronic toxicity limits are included in permits moving forward, the group discussed that it may be possible to do a similar reasonable potential analysis for acute toxicity and have acute toxicity limits removed from some permits.

Nutrients

The group did not discuss nutrients at the meeting, but Meg Herston pointed out that updates were provided as links in the agenda as follows:

- Regional Water Board [conditional acceptance](#) of Scoping and Evaluation Plan, and BACWA [response](#)
- [Survey](#)
- Report-out from February 9 Nutrient Management Strategy [Steering Committee](#)
- [Interim Science Plan Submitted](#) for permit compliance

Chlorine limitations

Mike Connor is seeking feedback from other deep water dischargers on a strategy to change how chlorine residual is permitted. Agencies are overdosing their effluent with bisulfite to avoid chlorine residual violations, thereby impacting DO in the Bay. It would make more sense to take actual chlorine toxicity and its dissipation rate into consideration when setting limits.

Informational Items/Announcements

- Federal Dental Amalgam Rule CASA comment letter, due February 20. Tim Potter is BACWA liaison.
- Risk Reduction update – Regional Water Board has asked BACWA to work directly with community-based organizations and fund risk reduction work.
- AIR committee to be integrated into BACWA as regular committee, meetings will be open to all BACWA members
- CASA is soliciting specific requests for monitoring and reporting reductions as part of the resource alignment/cost of compliance effort. Amanda Roa will send out additional information.

Next BACWA Permits Committee Meeting: Tuesday, March 10, 2014, at EBMUD Plant Library, Regional Water Board Staff to attend

Pretreatment Committee – Report to BACWA Board

Pretreatment Committee Meeting on: 1/22/2015
Executive Board Meeting Date:
Committee Chairs: Tim Potter, Kirsten Struve

Committee Request for Board Action: None

1/22/15 Pretreatment Committee Meeting – 19 in-person attendees and 6 phone attendees representing 21 agencies plus Amelia Whitson (EPA pretreatment coordinator)

<p>1. BACWA Updates</p> <ul style="list-style-type: none"> • Tim provided updates on the toxicity standards and nutrients. Program changes could result in additional work for Committee members during TIE and TRE implementation. • Discussed and received support for additional FY 15/16 budget for training events on sampling
<p>2. PCA/PCI Debrief</p> <ul style="list-style-type: none"> • October: Millbrae, SF; December: Palo Alto, San Mateo; January: USD, Hayward • Focus on IU survey/inventory, including photoprocessor and jewelry • EPA guidance: look at water handling in rule development to determine applicability • Discussed who leads inspection, which has been variable. POTW understanding intent is for auditor to evaluate Control Authority Oversight. Amelia generally concurred with this understanding but recommended getting clarification upfront from PCI/PCA team.
<p>3. EPA updates</p> <ul style="list-style-type: none"> • 2014 Effluent limitations guidelines targeted to be finalized this year • E-reporting, second round of comments due January 30 • E-mail address to submit quarterly, semi-annual, and annual pretreatment reports to EPA is r9pretreatment@epa.gov . EPA wants electronic copies and does not want to receive hard copies of reports. This email is for required reports, responses to PCI/PCA reports and other special submittals should continue to be mailed. • EPA is consolidating regional websites, so links may change in the future • Local focus on sustainability in NPDES programs, request for examples where pretreatment requirements have led to more sustainable outcomes (e.g. water conservation, storm water benefits, energy conservation)
<p>4. Proposed Dental Amalgam Rule</p> <ul style="list-style-type: none"> • Amelia presented an overview to the rule • Major elements discussed: <ul style="list-style-type: none"> i. DIU to SIU switch when DIUs are noncompliant ii. More clarity on what monitoring requirements would be once SIU iii. Monthly inspection requirement of amalgam separator by dentist iv. Existing programs as functionally equivalent, little environmental benefit but administrative burden v. Need for change in ERPs vi. 3-year grace period for existing programs • Working group will develop comment letter. Also working with CASA and NACWA.

<p>5. pH guidance</p> <ul style="list-style-type: none"> • Issue of 15 min hold time required in 40 CFR 136 • Calibrated field meter would be sufficient for federal requirement per Amelia • Issue of ELAP certification is a state issue – Tim will contact State for guidance
<p>6. EPA Hazardous Waste Report</p> <ul style="list-style-type: none"> • Discussed report http://www.epa.gov/oig/reports/2014/20140929-14-P-0363.pdf • Main recommendation was for EPA programs (NPDES and TRI) to communicate more • Discussed required notification when an IU discharges hazardous waste (403.12.p)
<p>7. CASA Ebola Guidance</p> <ul style="list-style-type: none"> • Discussed Ebola guidance and range of approaches for hospitals (notification only vs. permit modification); advisory versus required • Agencies developing guidance will share with the group.
<p>8. Food Truck: discussed request to coordinate with BAPPG on food trucks and determined not a pretreatment issue</p>
<p>9. Next meeting: May at USD, all to provide topics</p>
<p>Future Meeting Topics</p> <ul style="list-style-type: none"> • Resource Template

Recycled Water Committee – Report to BACWA Board

Recycled Water Committee Meeting on: 1/7/15 and 2/4/15
Executive Board Meeting Date: 2/20/15
Committee Chair: Cheryl Muñoz

Committee Request for Board Action: Discuss recycled water permitted at next joint meeting with Regional Water Board.

1/7/15 – 13 attendees (incl. 5 on phone) representing 5 BACWA member agencies

2/4/15 - 16 attendees (incl. 8 on phone) representing 8 BACWA member agencies.

Detailed notes from meetings are posted [online](#).

2015 Proposition 84 Funding outlook

It is still unclear whether the next round of funding will be drought-specific or open to all water resources projects; it will depend on whether the drought continues in 2015. The following schedule is anticipated for the next round: Draft Project Solicitation Package (PSP)/Guidelines are expected from the DWR in spring 2015, the final PSP/Guidelines in summer 2015, and the deadline for project applications in fall 2015. Draft recommendations for projects receiving grant funds are anticipated in winter 2015/16, with the final award in Spring 2016.

2014 Water Bond – Proposition 1

The governor released a [budget](#) (pg. 101 of link) for 2015/16 for Proposition 1. IRWMP projects are allocated \$32.8M, and recycled water is allocated \$137.2M, and the latter is to be mostly managed through the State Water Resources Control Board. The cost sharing is 50% for funded projects. The recycled water component is anticipated to be 50/50 grants/loans. There is no firm schedule for when funds will be appropriated. It will not be earlier than July 2015.

Recycled Water General Orders

Cheryl Muñoz has prepared a matrix comparing the new State Water Resources Control Board's General Recycled Water Permit 2014-0090, and the Regional Water Quality Control Board - Region 2 General Recycled Water Permit 96-011: <http://bacwa.org/Portals/0/Committees/WaterRecycling/Library/Comparison%20of%20RW%20Genl%20Order%20Requirements2-08132014-2.pdf> The new State Order is silent about whether Regions can permit new projects under their existing general orders. While the Regional Water Board agrees that existing permittees under 96-011 can continue or expand coverage under 96-011 or existing individual permits, it is unclear how new permittees will be handled, and whether they will be allowed to opt into 96-011. A few agencies' have projects that they will be seeking permits for, and under what permit: SFPUC, Benicia, and Delta Diablo. The Recycled Water Committee has discussed that there is value to Regional consistency in how new projects are permitted, and has requested that the BACWA Executive Board discuss this issue with the Regional Water Quality Control Board – Region 2 at the next joint meeting.

Truck fill survey

The Recycled Water Committee conducted a survey to provide a summary of existing recycled water fill programs, requirements, and relevant information that a recycled water truck hauler would want to know before visiting a fill facility. The resulting guide is a resource that can be used by Caltrans, water districts and contractors in the Bay Area. It is the Recycled Water Committee's intention to update this Guide annually. The guide can be found at: [http://bacwa.org/Portals/0/ExecutiveBoard/Library/FINAL%20Truck%20Guide 1-28-14%20for%20Distribution.pdf](http://bacwa.org/Portals/0/ExecutiveBoard/Library/FINAL%20Truck%20Guide%201-28-14%20for%20Distribution.pdf)

Bay Area Recycled Water survey update

The recycled water survey needs to be updated to reflect new information, which many entities, including the State Water Resources Control Board, the Pacific Institute and the Bay Institute have been requesting. There is an opportunity to use existing information, and information from the nutrient watershed permit effort (led by the HDR team), as a basis. There isn't enough information in the nutrient survey that was sent to agencies to address recycled water end uses, so there is an opportunity to work with HDR and circle back to get better information. There was a problem with disagreements last round about what constitutes recycled water – whether it's just offset of potable water, or whether it counts as fulfilling all beneficial uses (wetland restoration, for example). Over the next months, the committee will be working on a strategy on how to develop the information. The committee requested funds for the recycled water survey from the FY16 BACWA budget.

Next BACWA Recycled Water Committee Meeting: March 4, 2015 from 10:00 am to 12:00 pm, 4th Floor Conference Room at EBMUD Headquarters.



Executive Director's Report to the Board January - February 2015

NUTRIENTS:

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

- Attended and participated in the 6th meeting of the Steering Committee's Planning Subcommittee meeting and served as scribe. Following the meeting prepared detailed meeting minutes and summary of action items. Materials delivered to the Steering Committee Facilitator.
- Attended the 4th Steering Committee Meeting on February 9, 2015. Prepared meeting minutes and summary of action items.
- Participated in the January and February monthly conference calls of the of the CMG and consulting teams
- Met with the BayKeeper to brief their management on the Scoping and Evaluation Plans
- Continued coordination on the in-kind support committed by BACWA for the EBMUD EPA grant for nutrient research
- Responded to the WB's conditional acceptance letter on the Scoping and Evaluation Plans and engaged in follow-up discussions leading to acceptance of BACWA's response to addressing the terms for the conditional acceptance.
- Attended the February meeting of the RWQCB and addressed the Board on the topic of the Scoping and Evaluation Plans.

BACWA BOARD MEETING:

- Worked with the AED in preparing the February BACWA Board agenda including reviewing the agenda with the chair.
- Attended the BACWA December Board meeting and worked with the AED and RPM in preparing the minutes and Action Items.
- Organized the successful 2015 Annual Meeting.
- Continuing to track all action items to completion.

ASC/SFEI:

- As the Chair of the Governance Committee, coordinated with the new Executive Director to set the agenda and held the Governance Committee meeting in February.
- Participated in the Executive Committee monthly conference calls.

FINANCE:

- Reviewed the BACWA financial reports with the AED and planned for revisions of the reports to make them more effective in conveying financial information to the Board.
- Met with the BACWA Finance Committee and reviewed the draft FY 16 budget

AIR COMMITTEE:

- Attended the January AIR Committee meeting and discussed options for incorporating the AIR Committee as a regular committee of BACWA



Executive Director's Report to the Board January - February 2015

RECYCLED WATER COMMITTEE:

- Attended the January Recycled Water Committee meeting and discussed, Prop 1 opportunities, status of the Truck Fill Survey, on-going legislation and FY 16 budget requests.
- participated in the IRWM Coordinating Committee conference call in January

PERMIT COMMITTEE:

- Attended the January and February monthly Permit Committee meeting.
- Arranged meeting with EPA to discuss concerns about EPA's position on including numeric limits for toxicity in permits.

COLLABORATION:

- Coordinated with the CASA ED on topics on mutual interest (i.e. State Nutrient Objectives, toxicity plan and a Petition to the SWRCB for review of the LASCD permit and potential litigation, and the LGVSD permit).
- Coordinated with WEF on BACWA being a supporter of the WEF Nutrient Symposium to be held in San Jose in July 2015.
- attended the CASA Mid-Year Conference
- represented BACWA at the quarterly Bay Area Managers Roundtable

ADMINISTRATION:

- 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.
- Met with EBMUD accounting team and the BACWA AED to explore ways of improving the financial reporting for BACWA
- Worked with the RPM in the preparation of the monthly BACWA bulletin.
- Coordinated with the AED to plan activities and review duties, schedules, and priorities.
- Developed and responded to numerous emails and phone calls as part of the conduct of BACWA business on a day-to-day basis.

MISCELLANEOUS MEETINGS/CALLS:

- 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
- other misc. calls and inquiries regarding BACWA activities



Courthouse News Service

Thursday, February 12, 2015 Last Update: 11:34 AM PT



Giant Fight Over Giant Delta Water Project

By NICK CAHILL

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SACRAMENTO (CN) - A Sacramento area sanitation district dumps 14 tons of ammonia into the Delta water supply every day, violating environmental law and destroying habitat of the protected Delta smelt, an environmental science group claims in court.

The Center for Environmental Science, Accuracy and Reliability (CESAR) sued the Sacramento Regional County Sanitation District on Feb. 9 in Federal Court.

CESAR says the sanitation district violates the Endangered Species Act and needs an incidental take permit to harm a protected species.

CESAR went to court a week after the district announced a \$2 billion project to upgrade its wastewater treatment plant. The project is the most expensive in Sacramento County history and will reduce the amount of ammonia released into the Delta, said Prabhakar Somavarapu district engineer for the sanitation district.

The district acknowledges that the wastewater plant, built in 1982, is outdated and does release around 14 tons of ammonia daily into the Delta, but says it's operating legally with a permit from the Central Valley Water Board.

It claims the lawsuit will only delay its effort to reduce ammonia discharge and is essentially a distraction.

"They take a position that we don't agree with and I don't know what their ulterior motive is," Somavarapu said. "This lawsuit does nothing to improve what we produce and what we've been asked to do with the permit."

The Delta smelt was listed as threatened in 1993 and has been the center of debate between farmers and environmentalists ever since. The 3-inch fish is seen as an indicator of ecological health. The Supreme Court in January affirmed a court decision to protect the Delta smelt.

CESAR says the lawsuit is not intended to distract or delay the district's project: it is simply about the harmful effect the discharge of ammonia has on the Delta smelt.

"The point of the lawsuit is to stop the actions that are expressly prohibited by the ESA," CESAR staff attorney Leah Zabel said. "We're asking them to stop destroying the Delta smelt's food."

The district's wastewater plant serves 1.2 million customers in Yolo and Sacramento counties. The water district is working under a 2021 deadline and says it has already spent \$100 million toward reducing its ammonia discharge.


"We will meet it without any distractions, such as this," Somavarapu said.

The wastewater plant upgrade, called the Echo Project, is scheduled to begin in May.

"This is the largest project in the county's history. It will put hundreds of people to work," Somavarapu said.

CESAR said the Echo Project has nothing to do with its lawsuit and that it hopes the Delta smelt still exists by the time the project is complete.

"The Delta smelt could be extinct by the time their project is done," Zabel said.

CESAR's lead attorney is Damien Schiff, with Alston & Bird, of Sacramento. 



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BACWA ACTION ITEMS

Number	Subject	Task	Deadline	Status
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Action Items from December 19, 2014 BACWA Executive Board Meeting
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2014.12-45	Pilot Studies	include presentations at Annual Meeting	1/30/2015	completed
2014.12-44	EPA-Toxicity limits in NPDES	Board meet with EPA		completed
2014.12-43	Program Coordinator/Facilitator	Interim Contract		completed

Action Items Remaining from Previous BACWA Executive Board Meetings
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2014.11-42	SSO Enforcement Options	set up meeting with WB to discuss (ED)	12/19/2014	pending
2014.11-33	New Dental Amalgam Rule	Prepare Fact Sheet for Dental Offices (TP)	3/31/2015	pending
2014.10-30	Review of CBC fees (ED)	Prepare options for changing the CBC fees	12/19/2014	pending
2014.06-113	Joint meeting with Air District (ED, Air Comm. Chair)	Set up meeting with senior staff at BAAQMD	12/31/2014	pending
2014.05-105	Annual Report (ED)	Produce scaled-down version.		pending
2014.05-102	NACWA Inquiry Regarding Collaboration with Agriculture (ED)	Forward request to Napa and Sonoma agencies and respond to NACWA.		pending

FY 15: 42 of 45 Action Items completed.
FY 14: 125 of 128 Action Items completed.
FY 13: 67 of 67 Action Items completed.

Board Calendar 2015

DATE	ASSIGNMENT	STATUS NOTES
2/?/2015 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Bailey Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	
3/20/2015 Monthly Board Mtg Items due: 3/13 Connor; Pagano; Horenstein; Ervin; Bailey Williams; Fono; Hull	<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: 2013 & 2014 BACWA Annual Report <u>Other Business: Discussions</u> Presentation: Lab Committee Chair – Pittcon 2015 (Noel Enoki). Discussion: Final feedback on draft FY16 BACWA budget Discussion: BACWA become a partner of Bay Planning Coalition	
4/?/2015 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Bailey Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	
4/17/2015 Monthly Board Mtg Items due: 4/10 Connor; Pagano; Horenstein; Ervin; Bailey	<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)	



<p>Williams; Fono; Hull</p>	<p><u>Other Business: Authorizations</u> Approval: FY16 BACWA Budget</p> <hr/> <p><u>Other Business: Discussions</u></p>	
<p>5/15/2015 Monthly Board Mtg Items due: 5/8</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Williams; Fono; Hull</p>	<p><u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)</p> <p><u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)</p> <hr/> <p><u>Other Business: Authorizations</u></p> <hr/> <p><u>Other Business: Discussions</u></p>	
<p>6/?/2015 Joint Meeting Items due: ?</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Water Board Staff</p> <p>Williams; Fono</p>	<p><u>Other Business: Discussions</u></p>	
<p>6/19/2015 Monthly Board Mtg Items due: 6/12</p>	<p><u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)</p> <p><u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM)</p>	



<p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Williams; Fono; Hull</p>	<p>Chair/ED Authorizations (AED)</p> <hr/> <p><u>Other Business: Authorizations</u></p> <hr/> <p><u>Other Business: Discussions</u></p> <hr/>	
<p>7/17/2015 Monthly Board Mtg Items due: 7/10</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Williams; Fono; Hull</p>	<p><u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)</p> <p><u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)</p> <hr/> <p><u>Other Business: Authorizations</u></p> <hr/> <p><u>Other Business: Discussions</u></p> <hr/>	
<p>8/2/2015 Joint Meeting Items due: ?</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Water Board Staff</p> <p>Williams; Fono</p>	<p><u>Other Business: Discussions</u></p> <hr/>	
<p>8/14/2015 Monthly Board Mtg Items due: 8/7</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Williams; Fono; Hull</p>	<p><u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)</p> <p><u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)</p> <hr/> <p><u>Other Business: Authorizations</u> Approval: Watershed Permit Fund Commitment</p>	



	<u>Other Business: Discussions</u> Annual RMP Update (RPM)	
9/18/2015 Monthly Board Mtg Items due: 9/11 Connor; Pagano; Horenstein; Ervin; Bailey Williams; Fono; Hull	<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>	
10/21 – 10/23 Pardee Technical Seminar Items due: 10/15 Connor; Pagano; Horenstein; Ervin; Bailey Williams; Fono; Hull	<u>Other Business: Discussions</u> AIR Committee Restructuring	No Board Actions Permitted
11/20/2015 Monthly Board Mtg Items due: 11/13 Connor; Pagano; Horenstein; Ervin; Bailey Williams; Fono; Hull	<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>	
12/?/2015 Joint Meeting Items due: ? Connor; Pagano; Horenstein; Ervin; Bailey Water Board Staff Williams; Fono	<u>Other Business: Discussions</u>	

<p>12/18/2015 Monthly Board Mtg Items due: 12/11</p> <p>Connor; Pagano; Horenstein; Ervin; Bailey</p> <p>Williams; Fono; Hull</p>	<p><u>Consent</u> Previous Board Meeting Minutes (AED) Monthly Treasurer's Report (EBMUD Accounting)</p> <p><u>Reports</u> Committee Reports (Committee Chairs) Board Reports (Executive Board) ED Report (ED) RPM Report (RPM) Chair/ED Authorizations (AED)</p> <p><u>Other Business: Authorizations</u></p> <p><u>Other Business: Discussions</u></p>	
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CURRENTLY UNSCHEDULED AND SIGNIFICANT

- Approval of Annual Report FY12 & FY13
- Defining BACWA Priorities/Revisit Strategic Plan
- BACWA Membership Engagement Opportunities
- Tech Seminar/Workshop: CCCSD Cogen explosion, SFPUC force main leak and repair, and BACWA member pilot plants.
- Chlorine Residual Analyzer Investigation
- Suggestions for Monthly Meeting Guest Speakers/Presenters: ie. Jim McGrath, State Water Board; ?
- CEC's (Kelly Moran)
- Strategy Development for Triennial Review (Permits Committee/Board)
- Optimization/Upgrade Studies Quarterly Report to Board(CMG) Mar, Jun, Sept, Dec 2015-2017
- Optimization/Upgrade Studies Biannual Report to Members (CMG/Consultant) Oct, April
- BAAQMD Biannual Joint Meetings (Feb, Aug 2015)

BOARD COMMITTEES WITH NO MEETINGS CURRENTLY SCHEDULED

-



Regulatory Program Manager's Report to the Board

January 5 - February 16 2015

Prepared for the February 20, 2015 Executive Board Meeting

NUTRIENT WATERSHED PERMIT SUPPORT: Participated in two CMG conference calls. Reviewed Regional Water Board's conditional acceptance of the scoping and evaluation plan, and BACWA's response letter.

SFEI CONTRACT OVERSIGHT: Reviewed SFEI invoices for December and January. Approximately \$600K of \$675K has been spent for Fiscal Year 2014 (see attached matrix). A draft of the Lower South Bay Synthesis is expected in February 2015.

TOXICITY: Reviewed Las Gallinas tentative order toxicity language and spoke to Bill Johnson about plans for chronic toxicity numeric limits in the Region. Drafted sample BACWA comment letter to Regional Water Board. Gathered data from shallow water dischargers to determine the extent of chronic toxicity exceedances in the Region over the past five years.

ANNUAL MEETING SUPPORT: Managed caterer admission to venue and speakers' PowerPoint presentations at the Annual Meeting.

RISK REDUCTION: Spoke with Jan O'Hara at the Regional Water Board about moving forward with risk reduction requirements. Discussed risk reduction activities with Kevin Buchan of WSPA. Called one of the community-based organizations, "Greenaction", to ensure that they have ongoing risk reduction activities and would be interested in submitting a proposal. See item in Executive Board packet for more details.

BACWA BULLETIN: Drafted and distributed January and February BACWA Bulletin.

BACTERIAL OBJECTIVES: Reviewed State Water Board's Bacterial Objectives for REC-1 scoping document.

COMMITTEE SUPPORT: Drafted agenda for Permits Committee meeting as well as Board Reports for January and February. Drafted Board report for AIR Committee Meeting. Drafted meeting notes and board report for January and February Recycled Water Committee meetings. Became administrator for Collection Systems email distribution list.

CASA REGULATORY WORKGROUP: Joined conference call. Key points were discussion of toxicity in Region 4 permits and how numeric limits using the TST are continuing to be included. Permittees in that region would accept the TST with changes to how it is implemented. The State Water Board's Bacterial Objectives for REC-1 scoping plan was also discussed, as well as EPA's proposed new rule to designate "significant new use" for industries manufacturing or processing nonylphenol and related compounds. CASA is also reaching out to individual regions for concrete ideas on ways to reduce monitoring and reporting. Amanda Roa is liaison to the permits committee on this effort.

IT UPGRADES: Met with Computer Courage to discuss website upgrades and got brief WordPress training on 1/15 and 2/16.

REGULATORY ISSUES SUMMARY: Updated draft regulatory issues matrix and posted on website prior to Annual Meeting.

BUDGET: Reviewed BACWA budget with ED and AED at staff meeting.

MEETINGS ATTENDED: Recycled Water Committee (1/7 and 2/4), BACWA Staff meeting (1/13 and 2/10), Permits Committee (1/13 and 2/10), Meeting with Computer Courage (1/15 and 2/16), AIR Committee (1/17), Collections Systems Committee (2/12), CASA Regulatory Committee Conference Call (2/12), CMG Conference Call (1/9 and 2/13).

SF Bay Nutrient Strategy FY2014 Status (Contract with SFEI)

Updated 2/16/2015

Total Spent of \$675,000**\$559,810.70**

Task	Description	Upcoming Deliverable	Original Date	Updates
11	Lower South Bay Synthesis	Draft Report	December 2013	Draft expected February 2015
4 (FY13)	Suisun Synthesis I	Final Report	December 2013	Delivered March/April 2014
12	Suisun Synthesis II	Draft Report	April 2014	Expected in March 2015
13	Nutrient Science Plan	Draft Plan	February 2014	Ongoing
22	Moored Sensor Program	Progress Update	April 2014	Circulated for comment September 2014
23	Characterizing Phytoplankton Community Composition	Draft Report	April 2014	Ongoing, results presented at BACWA annual meeting
24	Nutrient Monitoring Program Development	Draft Plan	March 2014	Circulated for comment September 2014
3 (FY13)	Conceptual Model of Nutrient Exchange through Golden Gate	Draft Report	July 2013	Delivered February 2014



CALIFORNIA ASSOCIATION of SANITATION AGENCIES

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December 19, 2014

Sent via Electronic Mail to Rik.Rasmussen@waterboards.ca.gov

Subject: **CASA Comments on SCCWRP Draft Science Plan and State Water Board Development of a Nutrient Policy for Inland Surface Waters**

Dear Rik,

The California Association of Sanitation Agencies (CASA) appreciates the opportunity to provide comments on the “Draft Science Plan to Support Nutrient Objectives for California Wadeable Streams” (hereafter “Draft Science Plan”). CASA is an active participant in the State Water Resources Control Board (State Water Board) development of a nutrient policy for inland surface waters, and CASA representatives currently serve as the stakeholder leads within the stakeholder advisory group for the Publicly Owned Treatment Works (POTW) community.

At the outset, we wish to point out that many of the comments contained in the markups to the Draft Science Plan (attached hereto) are similar to and consistent with the suggestions CASA provided on the State Water Board technical work plan earlier this year. While we have provided suggested edits to the Draft Science Plan, we are still requesting that our prior markups to the State Water Board work plan be incorporated in that document.

We appreciate the scientific work that the Southern California Coastal Water Research Project (SCCWRP) is performing on behalf of the State Water Board in this effort. However, we have several concerns regarding the content and approach within the Draft Science Plan as well as the overall direction of this effort. Most notably, the Draft Science Plan seems to heavily emphasize the establishment of nutrient objectives and numeric limits to support the implementation of those objectives. The Draft Science Plan also appears to be steering the overall nutrient policy development process in the direction of numeric objectives which will be unattainable in many water bodies, and which will ultimately form a bright line defining the attainment (or impairment) of beneficial uses. Taken as a whole, CASA’s markups to the Draft Science Plan attempt to avoid the establishment of that bright line prior to development of essential information and consideration of substantive policy issues. While we understand that the development of numeric metrics (articulated as “threshold values”, “targets” or “biological endpoints”) is one component of the process, ultimately the nutrient policy must contain the flexibility to allow the State Water Board, regulated community and other stakeholders within a watershed to evaluate and determine appropriate endpoints for specific water bodies, taking attainability into account.

The heart of our concern with the Draft Science Plan is that the approach is geared almost exclusively toward numeric nutrient objectives as opposed to management and implementation strategies designed to control nutrients. For example, we believe the Draft Science Plan (Page 2) should shift its focus from terminology that references “science to support objectives” to instead

focus on “science to support the development of nutrient policy and management strategies” for the State Water Board. As noted above, CASA has provided suggested markups on the State Water Board’s technical workplan to convey these same concepts, and our proposed edits to the Draft Science Plan are consistent in nature. CASA believes that the State Water Board’s nutrient policy effort must incorporate the ability to manage to a range of outcomes in terms of stream condition, biological endpoints, and other factors. The overall effort includes the activities described in the Draft Science Plan, and thus the plan should include the development of this information to support the evaluation of management strategies. The implementation of narrative nutrient objectives should include science elements to ensure that essential management-based information is included in the nutrient policy development effort.

Our proposed markups to the Draft Science Plan are designed to avoid a situation where policy determinations regarding the attainment of beneficial uses are made during the scientific research phase of nutrient policy development. CASA supports the development of sound science to allow appropriate decisions to be made at the policy level, and we recognize the value of understanding the linkages and uncertainties that exist regarding nutrients and other co-factors and various biological condition indicators. However, this information should be a key *input* into the overall policy development effort that will ultimately allow nutrient management and regulatory policy decisions to be made, not the *driver* of the overall process. As has been acknowledged by State Water Board staff and many others, nutrients pose a unique problem that requires a different approach than traditional “one-size-fits-all” numeric targets and biological endpoints for the whole State.

As an example of the focus on nutrient endpoints rather than overall nutrient management, the Draft Science Plan (Page 5) draws a distinction between the use of watershed-specific data and models as opposed to statewide statistical models in the nutrient policy development and implementation effort. CASA has advocated strongly for the watershed-specific approach to be recognized as a desirable (ideally, preferred) approach in the State Water Board’s nutrient policy. The Draft Science Plan focuses on the science to support development of a statewide approach, though CASA believes that much greater emphasis should be given in this document to the support for the watershed-specific approach. Our comments pertaining to Element 2 of the Draft Science Plan (Page 13) attempt to provide some specific thinking in this regard. We believe further discussion and action on this point is needed in the near future as part of the focus group meetings, which we anticipate will be occurring in early 2015.

In addition, at the Stakeholder Advisory Group meeting on December 9, the concept of “tiered aquatic life uses” was raised. We believe this regulatory policy alternative should be mentioned as an option in the State Water Board technical workplan and in the Draft Science Plan. The scientific information resulting from execution of the Draft Science Plan would be useful in exploring the use of tiered aquatic life use designations in different stream types and different watershed situations to provide necessary regulatory flexibility.

Finally, pursuant to the timelines discussed at the stakeholder advisory group meeting on December 9, we have, in a separate communication, provided our input regarding the final independent science panel candidate. In addition, while we are continuing to review the USEPA-

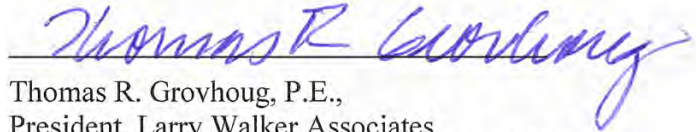
ORD Report, we have no comments on that report at this time. We anticipate we may have comments on the technical content of that report in the future.

Again, we appreciate the opportunity to provide feedback on the Draft Science Plan and look forward to working through the stakeholder process going forward. We request that you discuss the overarching issues that we have raised in this letter with us to secure some level of agreement to ensure that these concepts are carried forward as the policy is developed.

Sincerely,



Adam D. Link
CASA Director of Government Affairs



Thomas R. Grovhoug, P.E.,
President, Larry Walker Associates
707 Fourth Street, Suite 200, Davis, CA 95616

cc:

Brock Bernstein
Martha Sutula, SCCWRP



February 20, 2015

Via email: OW-Docket@epa.gov

Water Docket - EPA Docket Center
Environmental Protection Agency
Mail Code: 4203M
1200 Pennsylvania Avenue NW
Washington, DC 20460
Attention: Docket ID No. EPA-HQ-OW-2014-0693

SUBJECT: Docket ID No. EPA-HQ-OW-2014-0693. Comments on Effluent Limitations Guidelines and Standards for the Dental Category, 40 CFR Part 441

The Bay Area Clean Water Agencies (BACWA) appreciate the opportunity to comment on the Proposed Federal Dental Amalgam Rule (Proposed Rule). BACWA is a joint powers agency whose members own and operate publicly-owned treatment works (POTWs) and sanitary sewer systems that collectively provide sanitary services to over 6.5 million people in the nine-county San Francisco Bay Area. BACWA members are public agencies, governed by elected officials and managed by professionals who protect the environment and public health.

BACWA appreciates the efforts of the U.S. Environmental Protection Agency (EPA) to control the discharge of mercury to sanitary sewer systems as a means of protecting water quality. BACWA also recognizes the effort of EPA to modify the strategy of regulating dental practices that will be subject to the Proposed Rule rather than using the traditional Categorical Industrial User elements. However, without substantial changes the Proposed Rule will significantly impact BACWA member agencies' pretreatment programs with minimal to no environmental benefit. The comments provided below identify the concerns with the Proposed Rule's elements and provide proposed changes to make the rule more effective without inefficiently directing significant limited public resources.

BACKGROUND

The San Francisco Bay Regional Water Quality Control Board (RWQCB) adopted a Mercury Watershed NPDES Permit in 2007 to implement the San Francisco Bay Mercury TMDL. A key element of this initial Mercury Watershed Permit required all POTW dischargers to implement a dental amalgam program. Many BACWA member agencies developed and implemented mandatory amalgam separator programs either in advance of the watershed permit condition or in response to it. Some agencies

implemented voluntary programs in response to the watershed permit condition. As a result of these efforts, a significant majority of amalgam generating dental practices in the San Francisco Bay Area use amalgam separators to treat the wastewater discharged to the sanitary sewer system. These existing programs achieved significant reductions of mercury discharges to San Francisco Bay well below the Mercury Watershed Permit limits.

For more than 10 years, the placement of amalgam fillings has declined nationally while the placement of non-amalgam, or composite, fillings is increasing. Some dental practices have elected to only place composite filling materials. Many people have amalgam fillings so the removal of these fillings has the potential to generate mercury discharge to the sanitary sewer system for many years into the future. However, if this trend in the dental industry of reducing the use of amalgam continues, the mercury loading to sanitary sewer systems will be substantially reduced, potentially to negligible levels, through this pollution prevention measure (process input substitution) rendering the use of amalgam separators obsolete.

Dental practices do not individually discharge significant amounts of mercury to a sanitary sewer system. However, because of the relatively large number of dental practices, they could collectively discharge up to 50% of a POTW's influent mercury. This relative contribution should be used as a basis for designing strategies to regulate mercury discharges from dental practices. Too much emphasis on regulating individual dental practices will result in the allocation of significant resources to controlling a relatively small contribution of mercury which will not yield any net environmental benefit.

GENERAL COMMENTS

1. Strict control of dental mercury is a local issue and does not need a federal standard to be effectively implemented. Different POTWs have different needs to control mercury from dental practices depending on the waterbody their treatment plant(s) discharge to. Many POTWs do not discharge to mercury impaired waterbodies and/or they conduct advanced tertiary treatment which removes 98-99% of the mercury discharged to the treatment plant. For BACWA member agencies, the Mercury TMDL has driven stricter control measures to be implemented which have resulted in significant successes in reducing mercury in their influent, effluent, and biosolids. The Proposed Rule requires BACWA member agencies to redirect significant resources to implement, yet it will not yield any reductions in mercury loading from dental practices for agencies that have implemented mandatory dental amalgam separator programs and only minor reductions for the agencies implementing voluntary programs.

BACWA RECOMMENDATION: Withdraw the Proposed Rule and develop guidelines for local agencies to use when developing dental amalgam programs, including requiring use of amalgam separators, when empirical data demonstrates the need to protect receiving water quality. Alternatively, significantly modify

the requirements of the Proposed Rule as indicated below to minimize the burden placed on POTW pretreatment programs to implement the standards and exempt existing local programs already complying with mercury TMDLs that include dental amalgam control programs such as the San Francisco Bay Area from the Proposed Rule.

2. With the trend toward reductions in amalgam filling placements, the need for federal standards is unclear. Implementing the Proposed Rule will require dental practices to expend significant funds upfront and annually. The Proposed Rule will also require POTWs to either expend additional funds to develop capacity to implement the program, or to redirect existing resources away from traditional pretreatment program activities or other higher impact pollution prevention program activities. This expenditure of funds and allocation of resources may not be effective if mercury discharges from dental practices are projected to decline due to their own process modifications over the next 20 to 30 years.

BACWA RECOMMENDATION: Withdraw the proposal and take steps to encourage, if not require, the phasing out of amalgam filling placements over time. This strategy would be consistent with the Minamata Convention on Mercury protocols for mercury reductions. Alternatively, substantially modify the Proposed Rule to incorporate the recommendations below and periodically (e.g. every 10 years after adoption) evaluate the need for modified federal standards, and take action to rescind the standards if the impacts of mercury from dental practices are resolved through the current trend in dental process modifications.

3. The Proposed Rule assumes States (although not explicitly stated, presumably the EPA regional office for States without delegated authority) will implement the program for dental practices located in service areas of POTWs that do not have an approved pretreatment program. Communications with the RWQCB identify that they do not have the resources to take on this responsibility. Communications with the State Water Resources Control Board (SWRCB) shortly after the Proposed Rule was published identified they would consider taking responsibility to implement the rule, but if they decided not to take this responsibility, they would require the affected POTWs to develop approved pretreatment programs. BACWA has a small number of members that do not have approved pretreatment programs. It would be a substantial burden on these agencies to develop the elements of an approved pretreatment program let alone the resources to implement the Proposed Rule for a relatively small number of dental practices (fewer than 5 for many affected agencies).

BACWA RECOMMENDATION: Modify the Proposed Rule to expand the exemptions from the rule to include dental practices in POTW service areas that do not have an approved pretreatment program. Alternatively, EPA should modify the Proposed Rule to clearly state that the standards apply to dental practices in service area of POTWs without approved pretreatment programs, but that the

required documents be submitted to the EPA regional office that covers their location.

4. The Proposed Rule's requirement to reclassify a DIU as a SIU are not necessary and create a substantial burden on POTWs required to implement the standards. The current federal regulations for a POTW to regulate a SIU, which are not modified by the Proposed Rule, require the POTW among other standards to issue a control mechanism (permit), conduct sampling at least twice annually, and conduct at least an annual inspection. Having to conduct these tasks for any number of dental practices will create a substantial burden on POTWs without obtaining any net environmental benefit. POTWs will either have to hire additional staff to attain the capacity to conduct this reclassification when needed, or redirect existing resources away from traditional pretreatment program activities to conduct this reclassification when it occurs. Conducting compliance sampling at dental practices poses significant logistical barriers. Furthermore, requiring a dental practice to establish an appropriate sampling location would be costly for the dental practice. The Proposed Rule should refer to a POTW's Enforcement Response Plan (ERP) as the mechanism to ensure compliance with the standards. As noted above, an individual dental practice does not pose a risk to a POTW and accordingly, the Proposed Rule's standards should not invoke significant workload to control individual dental practices. There is no significant environmental benefit for requiring POTWs to process the non-compliant status of dental practices as Significant Non-Compliance (SNC). The Pretreatment Streamlining Rule limited the publication of SNC to SIUs, therefore removing reference to reclassifying DIUs to SIUs will remove the SNC requirement to publish in the local newspapers all the DIUs that are non-compliant during a given year. The Proposed Rule does not clearly identify the process which a POTW needs to follow to reclassify a dental practice that has been classified as SIU back to DIU status (e.g. do all SIU standards need to be met before this DIU reclassification would be allowed?). If not, the benefit of having this reclassification standard in the rules is even less clear. In addition, this reclassification poses significant logistical problems for certain dental practices:
 - Shared amalgam separators – Are all contributing dental practices considered to be SIUs if the one practice that assumed responsibility for the shared separator does not comply with the standards?
 - Mobile practices – If a mobile dental practice is SIU in one POTW's service area, would it now become a SIU for all POTWs where it practices?

BACWA RECOMMENDATION: Delete all references in the Proposed Rule to reclassifying DIUs as SIUs, including the requirement for POTWs to process non-compliance by DIUs as SNC. Instead, rely on the POTWs' ERP processes to ensure DIUs achieve and maintain compliance with the proposed federal standards.

5. The Proposed Rule is ambiguous and provides too much room for interpretation. For example, POTWs with approved pretreatment programs are routinely reviewed through the Pretreatment Compliance Inspection and Audit (PCI/PCA) process. One element of the traditional PCI/PCA process is to determine if a POTW is properly classifying IUs under the appropriate federal categorical standards. The large number of dental practices and the high turnover of this service sector create exposure to POTWs to receive findings in PCI/PCA reports for not maintaining a completely accurate DIU inventory, or for not reclassifying a DIU to SIU under certain circumstances. Such findings will require POTWs to allocate onerous resources to maintaining a current up to date DIU inventory, or to respond to PCI/PCA findings without gaining any environmental benefit.

BACWA RECOMMENDATION: If the Proposed Rule is not withdrawn, modify the rule to ensure that currently ambiguous standards (examples identified below) are clarified to avoid multiple varying interpretations in different EPA regions and States.

SPECIFIC COMMENTS

1. The effective date of the Proposed Rule should be the same for all affected POTWs. The Proposed Rule has an effective date three years after the final rule is published with PSNS standards apparently effective immediately. It is unclear if an existing POTW program is expected to implement the standards immediately, or if a POTW implements a new program in advance of the effective date, it will be expected to comply with the standards earlier. Early action should not be penalized or disincentivized.

BACWA RECOMMENDATION: Modify the Proposed Rule to clarify that any POTW compliance assessment using the PCI/PCA or other processes shall be three years after the final rule is published to allow adequate time for POTWs to develop or modify their programs to implement the Final Rule's conditions.

2. A POTW should not be considered deficient if it does not fully account for minor issues with maintaining a DIU inventory. Developing and maintaining a DIU inventory takes substantial POTW resources which involves a very substantial effort for agencies with larger service areas. This effort can become more complex for POTWs with multi-jurisdictional agreements. The large number of dental practices and their high turnover rate further complicates the inventory maintenance process. It is common to find out that a new dentist has taken over a previously existing practice when an annual compliance report that was mailed to the prior dentist is returned by the new dentist. During the period of time from changeover of ownership to the submittal of the annual compliance certification report, is the POTW considered deficient for not maintaining an accurate DIU inventory? As referenced above, a single dental practice, or even several individual dental practices, do not pose a risk to a POTW.

BACWA RECOMMENDATION: Modify the Proposed Rule to clarify that a POTW needs to have a system in place by the effective date of the rule to establish and maintain a DIU inventory but the POTWs will not be considered deficient for individual dental practices not in the POTW's DIU inventory, or if the inventory is not current with ownership changes.

3. The standards applicable to applications (BMR) and Initial Compliance Reports should be functional and POTWs should not be responsible for the accuracy or timeliness of the documents. It is not clear why certain information is required to be on the required submittals (e.g. dental license number). Extraneous information generates expectations that the data should be managed so the rule should avoid including it in the standards. POTWs are not expected to issue permits or conduct routine inspections in the Proposed Rule, so they should not be expected to ensure the information on the required documents is accurate or that the documents were submitted in a timely manner (i.e. new dental practice start up). For example, POTWs that conduct construction of tenant improvement plan checks on new dental practices have experienced situations where a set of plans for a new dental practice is approved but the operation does not start for more than a year.

BACWA RECOMMENDATION: Modify the Proposed Rule to clarify that DIUs are responsible for the accuracy and timeliness of documents required to be submitted and that POTWs are only responsible for receiving the documents, and for taking enforcement only when the POTW becomes aware that the documents were not submitted in compliance with the standards.

4. POTWs with existing dental amalgam programs that have obtained compliance documents from dentists (e.g. applications, initial compliance certifications) should be considered functionally equivalent (i.e. in compliance) to the Proposed Rule's certification standards even if the documents did not contain all the information required in the Proposed Rule.

BACWA RECOMMENDATION: Modify the Proposed Rule to clarify that the compliance documents obtained by POTWs with existing amalgam separator programs are functionally equivalent to the documents specified in the Proposed Rule.

5. The requirement for a POTW to inspect a DIU within 90 days of being in non-compliance with submitting inaccurate or late documents required under the Proposed Rule creates a burden to the POTW without significant environmental benefit. The Proposed Rule does not require site inspections unless a DIU does not file accurate paperwork in a timely manner. However, the POTW will have to reclassify the DIU as SIU if the POTW does not complete a site inspection of the dental practice within 90 days of the non-compliant event, even if the DIU has filed the original paperwork in the meantime (nullified if General Comment #4 is incorporated). The Proposed Rule does not clarify if the POTW is only required to inspect for the non-compliant event (late submittal of a document that they may

have in their possession) or if a comprehensive inspection is required (e.g. monthly inspections of amalgam separators, use of compliant line cleaner). Most POTW ERPs have standards to ensure return to compliance in less than 90 days for paperwork submittals, so this standard may require POTWs to modify their ERPs to comply with this new DIU standard. The Proposed Rule relies on paperwork submittals to ensure compliance with standards and therefore a return to compliance should be allowed through paperwork submittals as well.

BACWA RECOMMENDATION: Modify the Proposed Rule to specify that a DIU returns to compliance when the required paperwork is received and remove the requirement that POTWs need to conduct a site inspection to verify each time a DIU has returned to compliance based on deficient or late paperwork.

6. The Proposed Rule establishes deadlines that may not be needed or that exceed the scope of the rule. For example:
 - a. The standard requiring dental practices to conduct monthly inspections of amalgam separators is too restrictive and will create compliance problems for dental practices. A more appropriate standard is to conduct inspections at a frequency appropriate to ensure the amalgam separator is in proper working condition, not to exceed six (6) months.
 - b. The standard to replace existing amalgam separators within ten years of the effective date of the final rule does not appear related to the functional life of the amalgam separator. If the tolerance for amalgam separators that do not meet the 99% removal efficiency is 10 years, then the Proposed Rule should justify their replacement on this basis rather than on an unsubstantiated statement about their functional life.
 - c. The standard to conduct line cleaning with non-chlorine bleach line cleaner weekly appears to exceed the scope of the regulation. Line cleaning is performed for health and safety reasons, not for environmental protection objectives.

BACWA RECOMMENDATION: Modify the Proposed Rule to remove references to deadlines that are not applicable to the implementation of the Proposed Rule.

Many BACWA member agencies provided data to the National Association of Clean Water Agencies (NACWA) in support of their analysis of the implementation costs and mercury reduction estimates associated with the Proposed Rule that EPA identified in the Federal Register publication. BACWA supports the conclusions and recommendations NACWA presented in their comment letter by reference. BACWA also supports and incorporates by reference the comments prepared by California Association of Sanitation Agencies (CASA) that address the concerns of POTWs across California.

BACWA appreciates the opportunity to comment on the Proposed Rule and our member agencies are available to provide additional detail on how to modify the Proposed Rule if such input would be helpful to USEPA. Thank you for considering our concerns.

Respectfully Submitted,

David R. Williams

David R. Williams
Executive Director
Bay Area Clean Water Agencies

cc: BACWA Board
Bruce Wolfe, SF Bay RWQCB
Amelia Whitson, USEPA Region 9
Normal Russell, SWRCB
Cynthia Finley, NACWA
Adam Link, CASA



EXECUTIVE BOARD AUTHORIZATION REQUEST

AGENDA NO.: 8

FILE NO.: 13,464

MEETING DATE: February 20, 2015

TITLE: BACWA Executive Board Approval to Execute Agreement with O'Rorke for BAPPG Social Marketing and Integrated Outreach Plan Implementation

☒ MOTION _____ ☐ RESOLUTION _____

RECOMMENDED ACTION

Authorize the execution of a competitively bid contract with O'Rorke for BAPPG Social Marketing and Integrated Outreach support in an amount not to exceed \$27,452 for fiscal year 2014-15.

SUMMARY

This contract will provide support for public outreach, graphic design, media relations, and administrative support for placement and payment of advertising services for the Bay Area Pollution Prevention Group. The consultant will support BAPPG Project Leads in executing effective outreach messages and search for new opportunities to inspire behavior change in target groups.

Scope of Work:

- 1) **Support BAPPG Project Leads in executing the FY14.15 Integrated Outreach Strategy:** Over the past several months, BAPPG has developed a comprehensive Integrated Outreach Strategy in order to maximize limited member and fiscal resources in accomplishing a wide variety of pollution prevention endeavors. The consultant will work directly with the BAPPG Chair and Project Leads in executing prioritized campaigns.
- 2) **Ongoing Advertising Administration:** The consultant shall assume administrative responsibilities for the placement and payment of advertising. **\$10,000 in funding for advertisements will be allocated within the funds of this contract, resulting in \$17,452 in consulting support and a \$10,000 social marketing budget.** The consultant shall work closely with BAPPG staff to cultivate relationships with media within the San Francisco Bay area with the goal of increasing media coverage about water pollution prevention.
- 3) **As Needed Program Administration Support:** Consultant will assist BAPPG Chair, Vice-chairs and Project Leads in drafting documents and document templates for monthly and semi-annual reporting.

Social Marketing Outreach efforts will be carried out under the supervision of Mike Auer of Delta Diablo, Manon Fisher of the SFPUC and Robert Wilson of the City of Petaluma.

FISCAL IMPACT

Funds are available for this agreement and have been allocated for this project within the following BAPPG FY 2014-15 budget line items:

• Dioxin Partnership with Air District	\$2,000
• FOG Eat Real Foods Festival	\$1,000
• FOG Commercials on Comcast	\$2,000
• No Drugs down the Drain	\$4,952
• Multi-pollutant	\$3,000
• Misc: P2 Agency Coordination	\$3,500
• Baywise website training	\$2,000
• Triclosan	\$3,000
• Alkyl Phenol Ethoxylates	\$3,000

• Emerging Constituents	<u>\$3,000</u>
TOTAL:	\$27,452

ALTERNATIVES

This contract was put out to bid and is consistent with BACWA contracting policies.

Attachments:

Exhibit A: Scope of Work & Cost Estimate for 2013-14 Agreement with O’Rourke, File No. 13,464

BAY AREA CLEAN WATER AGENCIES**PURCHASE ORDER**

TO:	Tracy Keough O'Rorke, Inc. 55 Hawthorne Street, Suite 550 San Francisco, CA 94105	Tracy@ororkeinc.com (415) 543-1426
FROM:	David Williams, Executive Director BACWA PO Box 24055, MS702 Oakland, CA 94623	dwilliams@bacwa.org Phone: 925-765-9616 FAX: (510) 287-1351

RE: BACWA Purchase Order for 2014-2015 BAPPG, Social Marketing and Integrated Outreach Plan Implementation.

This Purchase Order (PO) covers professional services to be performed by O'Rorke, Inc. in order to implement the FY2014-2015 BAPPG Social Marketing and Outreach Support. This work is described in the attached Scope of Work and under the direction of Mike Auer of Delta Diablo and Robert Wilson of the City of Petaluma. The total cost of professional services to be performed by O'Rorke, Inc. is not to exceed \$27,452. This contract will be funded by the BAPPG 2014-2015 account under the following line items:

- | | |
|--|----------------|
| • Dioxin Partnership with Air District | \$2,000 |
| • FOG Eat Real Foods Festival | \$1,000 |
| • FOG Commercials on Comcast | \$2,000 |
| • No Drugs down the Drain | \$4,952 |
| • Multi-pollutant | \$3,000 |
| • Misc: P2 Agency Coordination | \$3,500 |
| • Baywise website training | \$2,000 |
| • Triclosan | \$3,000 |
| • Alkyl Phenol Ethoxylates | \$3,000 |
| • Emerging Constituents | <u>\$3,000</u> |

TOTAL: \$27,452

This PO may be terminated by either party at any time for convenience with 30 day notice. In the event of termination by BACWA, BACWA shall pay O'Rorke, Inc. for professional and competent services rendered to the date of termination upon delivery of assigned work products to the BACWA.

O'Rorke, Inc. shall submit invoices to the Assistant Executive Director via e-mail. Invoices shall indicate hours associated with each task. EBMUD will pay O'Rorke, Inc. within thirty (30) days of receipt and approval of satisfactory O'Rorke, Inc. invoices.

E-mail: shulll@bacwa.org

If this purchase order for professional services is acceptable to you, please sign and mail this document to me for BACWA records and distribution. Please call me if you have any questions or concerns relating to this matter.

Approved:

By _____	By _____
David Williams	Tracy Keough
Executive Director, BACWA Executive Board	O'Rourke, Inc.

Date _____	Date _____
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BACWA EIN: 94-3389334

O'Rorke, Inc.

Proposal for Social Marketing and Integrated Outreach Plan Implementation

For The Bay Area Pollution Prevention Group

December 17, 2014

O'Rorke Inc.

San Francisco Office
55 Hawthorne Street, Suite 550
San Francisco, CA 94105
Tel (415) 543-9119 Fax (415) 543-0566

Los Angeles Office
226 S. Beverly Drive, Suite 214
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Manon Fisher
SFPUC Wastewater Enterprise
3801 3rd Street, Ste. 600
San Francisco, CA 94124

Dear Manon and Review Committee,

O'Rorke is very pleased to submit our proposal in response to the Bay Area Pollution Prevention Group (BAPPG) in response to the request for proposals for Social Marketing and Integrated Outreach Plan Implementation.

Proven Experience and a Top Notch Team

Minimal learning curve required. O'Rorke is uniquely positioned to assist BAPPG with this effort, having worked successfully with your Chair and Project Leads for the past several months to develop the comprehensive Integrated Outreach Strategy. During that process, we surveyed members on core issues and helped vet viable strategies and audiences. We also bring to the table years of experience working on water conservation and pollution prevention campaigns for BASMAA, BACWA, SFPUC, the Los Angeles County Sanitation Districts, the Los Angeles County Waterworks Districts, East Bay Municipal Utilities District, Marin Municipal Water District, the City of San Jose and many others.

Our core competencies are evidence-based and results-driven campaigns with innovative strategies, real time responses, and top-notch creative that speaks for itself. Please consider this signed letter a representation that O'Rorke, Inc. is willing and able to perform the commitments contained in this proposal.

We look forward to the continued opportunity to work with BAPPG staff and to apply our expertise and commitment on your behalf.

Regards,



Tracy Keough, Managing Principal
tracy@ororkeinc.com
(415) 543-1426
55 Hawthorne Street, Suite 550
San Francisco, CA 94105

INTRODUCTION

A full-service communications firm with headquarters in San Francisco, O’Rorke is experienced in developing and implementing hard-hitting campaigns for dozens of public health-, infrastructure- and environment-focused public agencies. Over the past 30 years we’ve helped these agencies—including the Bay Area Clean Water Agencies (BACWA) and the Bay Area Pollution Prevention Group (BAPPG)—design, create, develop, plan, implement and manage relevant and impactful social marketing campaigns for diverse audiences. We are perfectly positioned to continue providing BAPPG with the resources required to meet—and exceed—its goals.

What does O’Rorke do? Really, the question should be “what don’t we do?” We look at each problem and develop a strategy to uniquely and effectively solve it. We believe the reason for our success is that our public awareness and marketing/communications campaigns have always answered the question “What’s in it for me?” for the target audience(s) while offering simple steps to take that yield the desired results. Once implemented, our strategies reach people at their point of decision-making, and we don’t shy away from pioneering new ideas—such as embracing the efficiency and efficacy of geo-targeted Pandora Internet radio ads and engaging influencers via social media channels – and we have used and continue to use these ideas to our clients’ advantage.

O’Rorke’s services include strategic marketing and advertising planning, grassroots community outreach, award-winning creative work, and a full range of production services for television, radio, print, outdoor and online media. In addition, O’Rorke provides media planning and buying services, media advocacy and press relations, spokesperson training, speaker placement, in-language phone banking and multicultural outreach services, and social media management and consulting. O’Rorke has also forged strategic partnerships with other public agencies and key private sector supporters to cross-promote appropriate programs through various social media channels.

Task 1 – Assist BAPPG Chair and Project Leads in executing a 12-month Integrated Outreach Strategy

As the contractor assigned to assist BAPPG staff with initial development of the comprehensive Integrated Outreach Strategy identified in Task 1, O’Rorke is more than prepared to continue working with the BAPPG Chair and Project Leads to complete up to six workplans, identify key performance metrics and evaluate overall project effectiveness. O’Rorke will also work with the BAPPG Chair and Vice-chair to develop monthly and semi-annual reporting templates on workplan, project and/or Integrated Outreach Plan progress. We will always have an eye to the importance of results-based work and long-term tracking for BAPPG, BACWA and the Regional Water Quality Control Board.

Per the RFP and our recent survey and workshop with regional members, we understand that top areas of focus within the Integrated Outreach Strategy include Pharmaceuticals, FOG, and Multi-Pollutants, as well as Pesticides, Antibacterials/Triclosan and other miscellaneous items. We’ll work with staff to help prioritize workplans for these and other items. If needed, we can also help identify the most efficient outreach tactics and evaluate messaging effectiveness. Finally, we’ll also work to ensure that Project Leads feel confident executing these projects and evaluating their effectiveness.

Task 2 – Ongoing Advertising Administration

O’Rorke has extensive experience managing all aspects of paid advertising campaigns from very large-scale projects for the Bay Area Air Quality Management District and Caltrans to smaller projects for the Bay Area Pollution Prevention Group, San Francisco Department of the Environment and other clients.

Although the RFP specifically calls out theater, print, Facebook and web banners as advertising methods of interest, there are some factors O’Rorke would consider in making recommendations, including:

- What topic/message is to be advertised? For example, a campaign aimed at driving traffic to BayWise.org would greatly benefit from online ads. Likewise, a message about a specific collection event might need more of a media mix.

- How much of the \$10,000 allocated is to be used for a given project?
- What are the available creative/assets to be used for production?
- What methods have the greatest cost/benefit ratio? Some methods are too costly and or cannot scale sufficiently to create the desired results.

Without the benefit of having discussed specifics with BAPPG, O’Rorke would recommend online and mobile/tablet banners as well as Internet radio to drive traffic to BayWise.org.

O’Rorke works with all types of media, including online and mobile/tablet, television, radio, Internet radio (Pandora and Spotify), outdoor, transit, print, and ethnic language media. We have strong relationships with media reps and work hard to secure the best deals possible for our clients. We also handle self-directed ad campaigns with Facebook, Google and LinkedIn and have a strong understanding of how to create successful campaigns within those venues.

O’Rorke creates media buy plans that will generate the best results for a given campaign, working within the budget parameters. Once the plan is approved by BAPPG, we carefully steward the buy to deal with missed impressions, spots or placements and handle the placement of make-goods as needed. By monitoring online buys, we can also make mid-course corrections if needed. We routinely maintain spreadsheets on a buy, tracking costs, placements and campaign results. Part of our process is to provide the client with a final report on the ad campaign outcomes.

Task 3 – Web Content

Our extensive experience in website design, development and management uniquely prepares us to assist BAPPG staff with the ongoing development and maintenance of web content on the BayWise.org website. Our team will be available to assist with basic copy and content updates, development of new graphics and other creative elements and securing original photography. In addition, O’Rorke offers a full range of web services beyond those outlined in the RFP, and we are more than equipped to assist BAPPG with more complex web projects should the need arise in the future. We already help to oversee content updates to BayWise.org through our work with BASMAA and previous work with BAPPG, and we have a good relationship with the current web programmer. This experience may help streamline projects and keep costs to a minimum.

O'Rorke is adept at assessing target audiences' needs when it comes to government agency websites, which must adhere to standards for accessibility and other requirements. We are frequently asked to audit websites and make recommendations for content, navigation and design improvements, and often end up executing the recommended changes. We are fully prepared to offer this additional service if it is deemed necessary by BAPPG staff.

We also have many years of experience developing simple but impactful websites for our clients, including ConnectRedwoodCity.com for SamTrans and the Last Mile Connection Program; BYOBagMarinCounty.org for Zero Waste Marin; STACommuteTips.org, EmployersSparetheAir.org and SpareTheAirNow.org for the Bay Area Air Quality Management District (Air District); LAPace.org for the Los Angeles County Property Assessed Clean Energy Program and many others. For each of these sites, O'Rorke managed content development, developed site wireframes, designed the site interfaces and transitions, managed programming and code development, managed user experience testing and site launch, and now oversees ongoing site maintenance.

We also frequently work with our clients to overhaul existing websites, and we are adept at working within design templates and site structures to improve functionality. Our end goal in these situations is always to ensure that the site works more efficiently for both visitors and back end site administrators.

Task 4 – Media Relations

O'Rorke served as the media relations contractor for the long-time BACWA/BASMAA Regional Media Relations Campaign. In that capacity, O'Rorke developed a yearly workplan of planned media pitches, implemented several projects to help the agencies develop strong media relationships, and tracked media coverage. We still work with BASMAA and have been retained for many BAPPG projects in recent years. We also recently worked on a collaborative pitch between BASMAA and the Air District to discourage residents from burning wrapping paper over the holiday season.

In this fast-changing media landscape, developing and maintaining good relationships can be difficult and knowing who, when and how to pitch is essential. O'Rorke knows water issues

and the Bay Area media outlets well and can absolutely work to help BAPPG utilize media relations to its full potential.

We also recognize that short-staffed outlets are a reality and that, increasingly, very local options, such as community newspapers and homeowners' association newsletters, can achieve the best results (as specified in item b of this task). O'Rorke will develop lists of organizations and relevant contacts.

O'Rorke will work with BAPPG to determine the best way to use the limited media relations resources allocated in this contract.

SAMPLES

CLIENT: San Mateo County Transit District (SamTrans)

PROJECT: Connect, Redwood City! Program

REFERENCE: Thalia Leng, Planner (Consultant)

TELEPHONE: (510)-587-8612 | **EMAIL:** lengt@samtrans.com

SCHEDULE: 2013 - Present

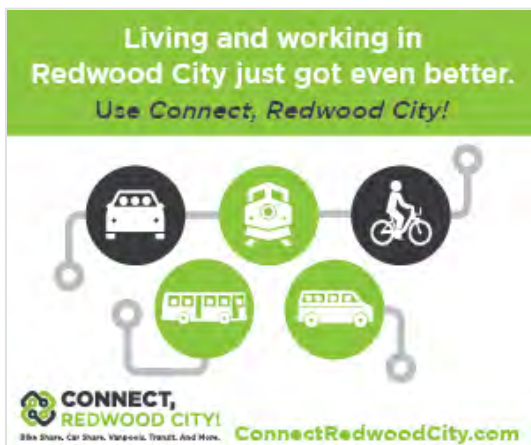
This case study serves as an example of an Integrated Outreach Strategy, Web Development, Media Relations, Advertising Administration, Audience Research and Marketing and Distribution Plans.

In 2013, the San Mateo County Transit Authority (SamTrans) and 10 other transit and local government partners tasked O'Rorke with developing and



launching a pilot program called Connect, Redwood City! that offers various transportation options to encourage people to reduce single-occupancy driving and subsequently, reduce greenhouse gas emissions. O'Rorke implemented a targeted strategy to promote the convenient, affordable, and stress-free travel options to residents, visitors, and commuters when travelling to, from, and around Redwood City.

O'Rorke strategized and designed the innovative Connect, Redwood City! program name and creative logo to emphasize the program's purpose—offering multi-modal transportation options to connect people to their destinations. The program launched with a media event at the Redwood City Caltrain station highlighting the available bike share, car share, vanpool, and transit alternatives available to help residents, visitors and commuters travel to their destinations. O'Rorke also secured further partnerships for co-branding and advertising opportunities with like-minded organizations to promote Connect, Redwood City!



In conjunction with the media event, O'Rorke worked with Rocket Science Studio to develop and launch an innovative, yet cost-sensitive, landing page, ConnectRedwoodCity.com. The landing page contained pertinent informative descriptions of each of the transportation options as well as external links to Connect, Redwood City! partners including: Bay Area Bike Share, ZipCar, SamTrans, Caltrain, the

City of Redwood City, San Mateo County, the Peninsula Traffic Congestion Relief Alliance, the Metropolitan Transportation Commission, the San Mateo County Transportation Authority, and the City/County Association of Governments of San Mateo County.

Our on-target creative was used in traditional print, online, outdoor and transit advertising as well as non-traditional forms of outreach such as window clings for the participating car share program, magnets for the vanpool vehicles, recumbent bicycle outreach, and extensive social media promotion through the program partners. Within the first week following the campaign launch, the brand new Connect, Redwood City! website received more than 762 visits from over 600 unique visitors.

The campaign is currently running; the mid-point evaluation survey of employees and residents showed an increase in awareness and behaviour change.

CLIENT: Bay Area Air Quality Management District

PROJECT: Air Pollution Prevention

REFERENCE: Kristine Roselius, Communications Manager

TELEPHONE: (415) 749-4647 | **EMAIL:** kroselius@baaqmd.gov

SCHEDULE: 1994-2000; 2003 – present

This case study serves as an example of Implementing an Integrated Outreach Strategy, Web Development, Media Relations, Advertising Administration, Audience Research, Multicultural Marketing, Marketing and Distribution Plans and Goal Tracking.

For more than 15 years, O’Rorke has worked with the Air District on a wide range of efforts including the Winter Spare the Air (WSTA) campaign. O’Rorke’s WSTA outreach efforts have concentrated on education, informing Bay Area residents—primarily single family residents with fireplaces, woodstoves and outdoor firepits—about the need for a wood burning rule. This rule shifted the formerly voluntary action of not burning firewood or firelogs during WSTA Alerts to a requirement supported with enforcement and regulatory penalties.



A great deal of the work O’Rorke produces for the WSTA campaign seeks to emphasize the negative health impacts of wood smoke through multicultural outreach mechanisms. Working with InterEthnica, our in-language subcontractor, we have expanded in-language outreach to Spanish, Cantonese, Mandarin, Tagalog and Vietnamese-speaking populations and developed culturally

relevant creative for diverse communities. We also launched SpareTheAirNow.org—a simple landing page that provides seasonal updates and calls to action in four languages. In addition, we conducted research on hot-spot areas and adapted our media buy to have a greater presence—and locally tailored messages—in those areas.

During the 2013-14 WSTA season, O’Rorke pitched and responded to a record-breaking 30

WSTA Alerts. The media coverage we secured was worth over \$10 million in publicity value and included major stories in broadcast (TV and radio), print and online outlets. We also developed a targeted media buy that resulted in over 47 million advertising impressions and included bonuses worth 24.5 percent of the total ad buy. For the WSTA program, we focus much effort on primetime television programming, evening commute radio and family-oriented programming to best reach residents who have fireplaces. With this campaign, one of our goals is to reach people with the “no burn” message when they are on their way home from work or settling in to relax for the evening.

Wood smoke contains many of the same toxic and carcinogenic substances as cigarette smoke and has many of the same health hazards, so for the 2014-15 WSTA season, O’Rorke worked with the Air District to develop a new campaign that reinforced this comparison to further encourage residents to rethink wood burning. We developed a new TV commercial that features a home with a smoking chimney that resembles a cigarette, and a corresponding ad campaign. The ads all ask the question “Has your home taken up smoking this winter?” and direct residents to the SpareTheAir.org website for further information and to register for WSTA alerts.



This December, O’Rorke managed a collaborative pitch on behalf of the Air District’s WSTA campaign and BASMAA, reminding residents not to burn wrapping paper during the holiday season. Burnt wrapping paper, especially the foil variety, releases toxic smoke and fumes that pollute our air and waterways and produces a huge amount of paper waste. Instead of purchasing, and then burning or throwing away these items, we encouraged residents to consider alternative gift wrap options, such as reusable gift bags, reusable boxes,

holiday tins, old maps, cloth napkins, baskets or comic books. Since the story was pitched, it has been covered by 39 Patch.com websites in the Bay Area.

In addition to managing media relations and advertising, O'Rorke also oversees the Air District's social media presence for both the WSTA and STA Every Day campaigns. We've more than doubled the Air District's fan base on Twitter and Facebook, and have expanded their presence on FourSquare, YouTube, Instagram, Pinterest and Quora. We provide strategic guidance and work collaboratively with Air District staff to develop original content for these channels, while also tracking and reporting on impressions and audience interactions.

We also provide the Air District with regular reports that track the reach and value of our public relations and media campaigns. Through a proprietary blend of analysis that includes CisionPoint media monitoring, Google Alerts and Google Analytics, we are able to provide the Air District with a comprehensive report at the end of each season including press coverage, estimated publicity value, advertising impressions and added bonus values.

CLIENT: Marin Hazardous and Solid Waste Joint Powers Authority

PROJECT: Zero Waste Marin Waste Reduction Campaign

REFERENCE: Steve Devine, Program Manager

TELEPHONE: (415) 473-2711 | **EMAIL:** sdevine@marincounty.org

SCHEDULE: 2013 - Present

This case study serves as an example of Implementing an Integrated Outreach Strategy, Web Development, Media Relations, Advertising Administration, Audience Research, Multicultural Marketing, Marketing and Distribution Plans and Goal Tracking.

In 2013, the Marin Hazardous and Solid Waste Joint Powers Authority (JPA) enlisted O'Rorke to inform and educate Marin County residents about waste reduction practices and to encourage them to take proactive steps to reduce waste in their homes and communities.

To develop a comprehensive media advocacy and outreach plan, O'Rorke first facilitated conversations with key stakeholders including five local waste haulers, the Local Task Force

(LTF) members, and JPA members to make recommendations for outreach efforts. Based on their feedback, O’Rorke designed and implemented a targeted campaign using the theme “Leftovers get new life in Marin” to educate residents about food scrap composting. The campaign artwork was customized for each region, and featured clear visuals showing food and yard waste items that were universally accepted in residents’ green compost bins.

Outreach efforts included a broad mix of paid media outreach, including TV and Internet radio along with a host of other traditional methods, as well as community-based outreach. As part of the social outreach for this campaign, O’Rorke conducted “Green Teas” throughout Marin County. Building on the “trusted peer group” model, these Green Teas are a series of hosted events in a home where friends and neighbors from the same geographic area meet to engage in a discussion about ways to reduce waste in their homes and communities. O’Rorke assists with invitations, refreshments, and organization, and provides a short survey at the end. Later on, these Green Teas were expanded and adapted to target harder-to-reach audiences including community groups and homeowner associations throughout the county.



In 2013, O’Rorke reached out to SF Environment and negotiated a gratis license for Marin County to adapt its popular “Green Cart” television spot for local use. SF Environment agreed to let the JPA use the spot, and visits to the ZeroWasteMarin.org website experienced a significant jump during the flighted TV schedule period.

O’Rorke also developed e-newsletters for local schools with waste reduction tips for students and parents, designed posters for all the local libraries in the county, and developed letters to new homeowners with customized tips and information based on the services offered by their local waste hauler. In 2014, O’Rorke continued drafted e-newsletter content

for distribution to city and town manager mailing lists, waste hauler mailing lists, and various local publications.

To support the launch of the composting campaign, O’Rorke redesigned the homepage of ZeroWasteMarin.org to increase the visibility of key information while highlighting specific campaign calls-to-action. O’Rorke also supervised the installation of Google Analytics to measure web traffic to the site throughout the duration of the campaign and beyond. Since the campaign launch, O’Rorke has taken additional steps to streamline the design and functionality of the site.

In tandem with this campaign launch, O’Rorke also worked with the JPA to rebrand their members collectively as Zero Waste Marin. To strengthen this new brand, O’Rorke developed an innovative tagline “Protecting our Resources Together” to accompany the existing Zero Waste Marin logo and emphasize the significance of embracing Zero Waste practices at home and in the workplace.

In January of 2014, O’Rorke administered a phone survey with research firm FM3—a research firm with expertise on zero waste research—to measure residential understanding of waste disposal practices and as well as the general awareness of the “Leftovers get new life in Marin” campaign. The results were impressive—**more than half of residents surveyed (53 percent) had heard of the campaign after just one round of outreach.**

In the same month, O’Rorke worked to launch an accompanying website to promote the Plastic Bag Ban efforts in Marin County. The BYOBAGMarinCounty.org website provides easy-to-use information for residents and retailers to get more information about the various Bag Ban initiatives in their cities and towns. O’Rorke designed an accessible poster for retailers to print out and place at their checkout counters to remind residents to bring their own bags when shopping.

As part of our holistic outreach strategy, O’Rorke has continued to work closely and collaboratively with Marin County stakeholders, which allows O’Rorke to accommodate the regional nuances within Marin County and customize outreach to encourage behavior

change at the local level. O’Rorke continues to work with each community to embrace Zero Waste actions as its own.



In 2014, O’Rorke adjusted our outreach strategy to focus on food waste reduction through changes in pre-purchase behavior in addition to residential food scrap composting. We built our messaging around a disturbing US EPA statistic about the enormous amount of food families’ waste each week, and tailored the message to speak directly to Marin County residents. Each ad contained a version of the

headline “Even in Marin, the average family wastes \$1600 worth of food each year!” along with helpful tips for residents to help avoid wasting food and money.

Outreach efforts focused again on community engagement through community meetings, outdoor signage, and developing language for city and town managers and waste haulers to share in their community newsletters. In 2014, the ZeroWasteMarin.org website received over 17,000 visits, with over 13,500 of those from new users.

CLIENT: Bay Area Stormwater Management Agencies Association

PROJECT: Water Pollution Prevention Media Relations

REFERENCE: Sharon Gosselin, Regional Media Relations Campaign Project Manager

TELEPHONE: (510) 650-6547 | **EMAIL:** Sharon@acpwa.org

SCHEDULE: 1997 - Present

This case study serves as an example of an Integrated Outreach Strategy, Media Relations and Audience Research.

O’Rorke has worked with BASMAA in various capacities since 1994, and we actually wrote BASMAA’s very first advertising implementation plan. In 1999 we launched the highly successful, “When Ants Invade” advertising campaign, which framed ant abatement in a new way for Bay Area residents and focused on preventive measures in a lighthearted way,

poking fun at how ants can make people take extreme measures, like using harmful pesticides. The final television commercial featured animation with an over-the-top voice narrating the action like a 1950s alien invasion movie. The spots had very high recall in post-campaign awareness surveys and good self-reported numbers on behavior change, with residents saying the messages helped them opt for less-toxic measures in controlling ants.

From 1998 to 2009, O’Rorke was the media relations contractor for the BASMAA/BACWA Regional Media Relations Campaign. Pitches over the years have included work on reducing trash and litter, less-toxic gardening and pest control methods, and reducing fats, oils and grease disposed down sanitary drains. A major pitch on the 10th anniversary of the Regional Monitoring Program resulted in more than 50 media hits. A more recent pitch about the baseline litter survey achieved national coverage, including stories in the *Huffington Post*, and *Associated Press*, with regional coverage in the *San Jose Mercury News*, on KCBS and numerous other television and radio stations.

Since the two agencies decided to work separately on media relations in 2009, O’Rorke has been the ongoing media relations contractor for BASMAA. In this capacity, O’Rorke develops an annual workplan and advises the agency on ways to enhance media work, such as developing a library of photos to send with press releases, developing localized templates of materials for use by BASMAA member organizations at the local level, website updates and, most recently, social media.

As we mentioned in the previous case study, O’Rorke recently managed a collaborative pitch between BASMAA and the Air District to remind residents not to burn wrapping paper during the holiday season. The following is a sample of coverage from that pitch.

Air Quality Management District Asks Palo Alto Residents Not to Burn Gift Wrap This
Holiday Season
Waste Less With Creative Alternatives
December 5, 2014
By Bea Karnes
[Palo Alto Patch.com](http://PaloAltoPatch.com)

Burning wrapping paper on Christmas morning isn’t just illegal, it’s unhealthy. That’s why the Bay Area Stormwater Management Agencies Association and the Bay Area Air Quality Management District have joined forces in an effort to reduce the impact to air and water quality.

Toxic smoke and fumes are released when paper and ribbons are burned, polluting our air and water. This year, cross fancy wrapping paper off your shopping list to help protect air around our homes and aquatic life in our streams and waterways. Save money, reduce waste and improve your environment by using creative and fun gift wrap alternatives.

When burned, wrapping paper produces smoke and fumes, which pollute the environment is unhealthy for you, your family and neighbors to breathe. According to the U.S. EPA, “Research estimates 70 percent of smoke from chimneys can actually reenter your home and your neighbor’s home.” This smoke is toxic and may even contain heavy metals.

“It may seem innocuous, but holiday gift wrap can create serious environmental and health impacts when burned,” says Geoff Brosseau, executive director of BASMAA. “One of the worst culprits is foil-based wrapping paper because it can’t be recycled. Its smoke contains dioxin and metals that are toxic, go up in the air and then fall on the ground and wash into the waterway as soot.”

Gift cards: the ultimate gift to ensure the recipient gets what they want while reducing trash and waste.

- Reusable gift bags: save bags you’ve received and pass them along to someone new.
- Reusable boxes: decorated gift boxes are perfect for using over and over.
- Holiday tins: fill with festive holiday treats.
- Old maps: use an old map and string to create an interesting package and discussion.
- Cloth napkins or scarves: place your gift in a holiday scarf or napkin and use a bow to hold it together.
- Baskets: place your gift in a basket and decorate with fabric ribbon.
- Sunday comics: colorful and can be recycled with the rest of your newspaper.

To learn more visit BayWise.org and SpareTheAir.org

CLIENT: Metropolitan Transportation Commission (MTC)

PROJECT: Bay Area Bike Share Program Launch Press Event

REFERENCE: Ursula Vogler

TELEPHONE: (510) 817-5785 | **EMAIL:** UVogler@mtc.ca.gov

SCHEDULE: 2013

This case study serves as an example of an Integrated Outreach Strategy, Media Relations, Advertising Administration and Audience Research.

In 2013, the Metropolitan Transportation Commission (MTC) and the Bay Area Air Quality Management District (Air District) contracted with O’Rorke to support the launch of Bay Area Bike Share. A pilot program launched in partnership with 10 different regional agencies, Bay Area Bike Share was designed to provide a new short-distance transportation option for residents and visitors in San Francisco, Redwood City, Mountain View, Palo Alto and San Jose.

O’Rorke first worked with MTC, Air District and other regional partners to develop high visibility signage for the Bike Share station kiosks throughout the region. During this process, O’Rorke coined the tagline “Ride. Return. Repeat.,” which has since been used on other partner collateral promoting the program. Following this initial design process, O’Rorke also planned and executed a small media buy to promote the program launch, featuring online ads, radio spots and grassroots outreach efforts.

In addition, O’Rorke also worked with MTC and Air District to plan, organize and manage the kick-off press event at the San Francisco Caltrain station on August 29, 2013. O’Rorke staff managed all event logistics and also helped to secure and draft talking points for key speakers including Mayor Ed Lee and Jared Blumenfeld, Region 9 EPA Director. The event was an enormous success and received coverage from local radio stations KQED, KPCC, KCBS and KGO; TV coverage from CBS, NBC Bay Area, KGO, KTVU and KRXI; print and online coverage from 16 local publications; 24 AP stories including key coverage on ABC National News; and additional online coverage on national sites including Forbes and Yahoo!



Table 1 Rates

O'Rorke, Inc.

	Description	Rate Basis	Rate
1	Task 1 - Assist BAPPG Chair and Project Leads in executing a 12-month Integrated Outreach Strategy	Per task	\$10,000
2	Task 2 - Ongoing Advertising Administration (Of the total, \$10,000 are Advertising Paid Media / Hardcosts)	Per task	\$12,000
3	Task 3 - Web Content	Per task	\$5,000
4	Task 4 - Media Relations	Per task	\$3,000
	Total		\$30,000

	Description	Rate Basis	Rate
1	Tracy Keough / Managing Director	Per hour	\$180
2	Grier Mathews / Supervisor	Per hour	\$162
3	Abbi Hertz / Supervisor	Per hour	\$162
4	Emiko Hashisaki / Supervisor	Per hour	\$162
5	Julia Fishman / Supervisor & Media Buyer	Per hour	\$162
6	David Libby / Supervisor & Social Media Specialist	Per hour	\$162
7	Angela Anderson / Graphic Designer	Per hour	\$150
8	Connie Zhang / Media Manager	Per hour	\$125
9	Intern / Media Coordinator	Per hour	\$0



EXECUTIVE BOARD CHAIR AUTHORIZATION REQUEST

FILE NO.: 13,480

DATE: January 20, 2015

TITLE: Solano Community College Agreement for Spring 2015 WOT \$77,500

ACTION

Executive Board Chair authorization to execute an agreement with Solano Community College in an amount not to exceed \$77,500 for WOT program (Bay Area Consortium for Water & Wastewater Education), for Spring 2015 semester courses.

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 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). The Spring 2015 agreement does not exceed the \$79,200 contracting cap set by the BACWA Board in July 2008.

FISCAL IMPACT

Funds are available for this agreement in the Water Operator Training (WOT) account. Based on the most current Treasurer's Report, as of January 1, 2015 the account has a balance of \$98,388; minus the annual administration fee of \$2,500, the remaining unobligated balance for fiscal year 2014-15 is \$95,888.

ALTERNATIVES

This action does not require consideration of alternatives.

Attachments:

1. SOLANO COMMUNITY COLLEGE DISTRICT AGREEMENT FOR EDUCATIONAL SERVICES

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:

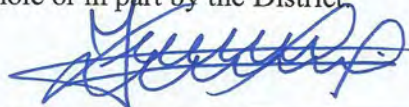
- A. The District will provide five (5) credit classes, WATR 100, Wastewater Treatment I, WATR 103, Biological Principles of Water and Wastewater, WATR 104, Water Treatment I, WATR 107, Mathematics of Water and Wastewater Treatment, and WATR 126, Pumps and Motors, for up to 30 students per class, for BACWWE (Bay Area Consortium for Water and Wastewater Education) member organizations and others.
- B. The District will develop, coordinate, deliver, and evaluate the training. Instruction/training will be delivered at various BACWWE sites, to be determined. Classes will begin in January 2015, 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. BACWWE and SCCD 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 seventy seven thousand five hundred dollars (\$77,500). 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.

David Williams
Executive Director
BACWA
Oakland, CA

Date _____



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

Date _____



BACWA EXECUTIVE BOARD ACTION REQUEST

AGENDA NO.: 10

FILE NO.: 13,493

MEETING DATE: February 20, 2015

TITLE: Consolidation of Reserve Funds

☒ MOTION

☐ DISCUSSION

☐ RESOLUTION

RECOMMENDED ACTION

Authorize consolidation of existing funds into three accounts and delete any unused fund accounts

SUMMARY

On September 24, 2009 the BACWA Board approved a resolution (File 11,896) to create six new accounts from the current unobligated funds. At the 2013 Pardee Technical Seminar the Board was briefed on the options for streamlining the number of BACWA accounts. On March 21, 2014 the BACWA Board authorized some consolidation of the accounts. At the December 19, 2014 BACWA Executive Board Meeting the Board recommended further changes to the number of BACWA Funds by consolidating all funds into one of three accounts; an operating account, a legal reserve, and a Clean Bay Collaborative fund; and eliminating any unused Fund Accounts. The Attachment shows the accounts that would be changed with balances as of November 30, 2014. The changes will be made by EBMUD Accounting Services at the end of Fiscal Year 2015.

FISCAL IMPACT

There is no direct fiscal impact from this action.

ALTERNATIVES

Do not consolidate the accounts. This alternative is not recommended since the function of the BACWA organization only needs three accounts and having an excessive number of accounts makes it confusing as to what account is funding what activities.

Attachments: Old Format vs New Format

OLD FORMAT

Fund Balances as of month end 11/30/14

LINE NUMBER	DEPT ID	DECSRIPTION	BEGINNING FUND BALANCE 7/1/14	TOTAL RECEIPT \$	TOTAL DISBURSEMENTS	ENDING FUND BALANCEE 10/31/14	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 11/30/14	CHANGES
1	800	BACWA	777,507	618,863	173,485	1,222,885	373,306	849,579	Unchanged
2	801	TRNG FND	-	-	-	-	-	-	Delete
3	802	AIR	19,063	66,159	28,674	56,548	48,390	8,158	Unchanged
4	803	BAPPG	60,537	77	12,358	48,255	16,685	31,570	Move to 800
5	804	LEGAL RSRV	300,000	-	-	300,000	-	300,000	Unchanged
6	805	WQA CBC	675,382	825,033	1,107,355	393,061	183,863	209,197	Rename CBC - 805
7	806	BACWAOPRES	160,000	0	0	160,000	0	160,000	Move to 800
8	807	RWR	16,780	20	0	16,800	0	16,800	Move to 800
9	809	RESERVE	-	-	-	-	-	-	Delete
10	810	WOT	58,295	114,593	77,500	95,388	-	95,388	Unchanged
11	811	PRP84	158,082	5,336,248	5,252,935	241,395	20,352	221,044	Unchanged
12	812	WQA EMERG	-	-	-	-	-	-	Delete
13	813	TECHACTION	-	-	-	-	-	-	Delete
14	814	CBC OPRSRV	1,198,890	1,957	0	1,200,847	0	1,200,847	Move to CBC - 805
15	815	PRP50	109,015	127	5,275	103,867	12,778	91,089	Unchanged
			3,533,551	6,963,078	6,657,582	3,839,047	655,374	3,183,673	

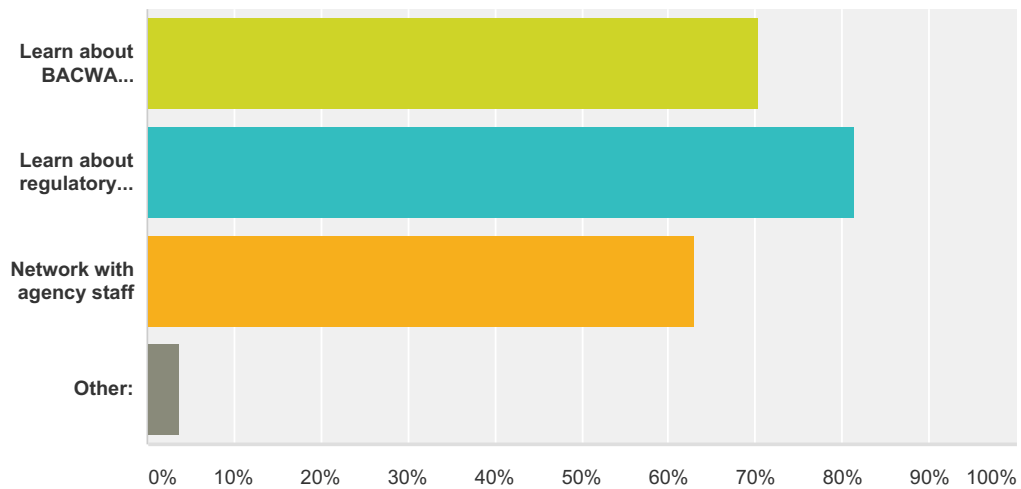
NEW FORMAT

Fund Balances as of month end 11/30/14

LINE NUMBER	DEPT ID	DECSRIPTION	BEGINNING FUND BALANCE 7/1/14	TOTAL RECEIPT \$	TOTAL DISBURSEMENTS	ENDING FUND BALANCEE 10/31/14	OUTSTANDING ENCUMBRANCES	UNOBLIGATED FUND BALANCE 11/30/14
1	800	BACWA	1,014,824	618,960	185,843	1,447,940	389,991	1,057,949
2	804	LEGAL RESERVE	300,000	0	0	300,000	0	300,000
3	805	CBC	1,874,272	826,990	1,107,355	1,593,908	183,863	1,410,044
TOTAL			3,189,096	1,445,950	1,293,198	3,341,848	573,854	2,767,993
4	802	AIR	19,063	66,159	28,674	56,548	48,390	8,158
5	810	WOT	58,295	114,593	77,500	95,388	0	95,388
6	811	PROP 84	158,082	5,336,248	5,252,935	241,395	20,352	221,044
7	815	PROP50	109,015	127	5,275	103,867	12,778	91,089
TOTAL			344,455	5,517,127	5,364,384	497,198	81,520	415,679
			3,533,551	6,963,077	6,657,582	3,839,046	655,374	3,183,672

Q1 What are your reasons for attending the annual meeting?

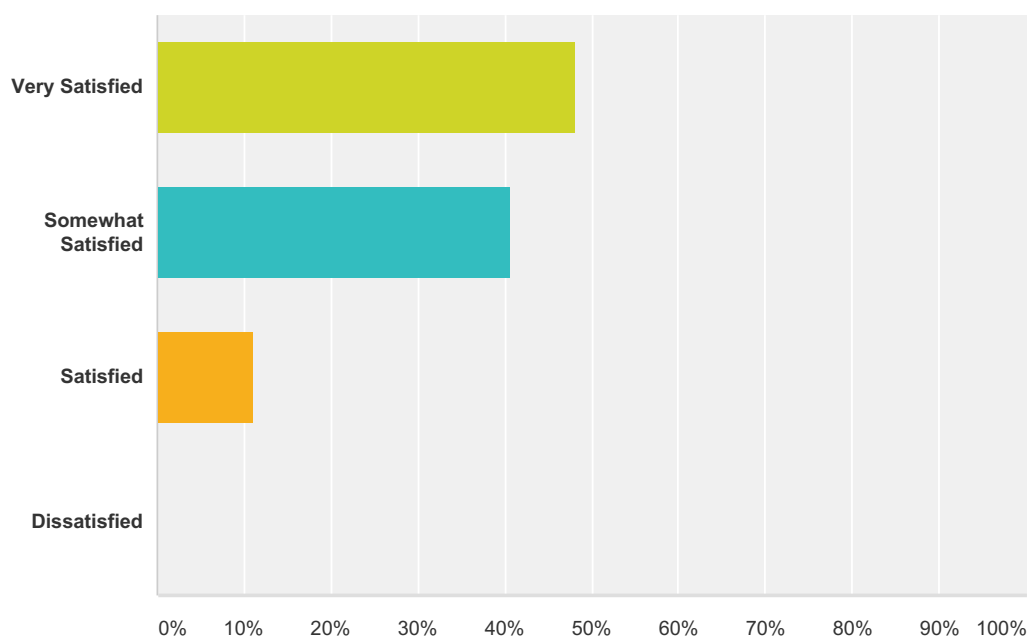
Answered: 27 Skipped: 1



Answer Choices	Responses	
Learn about BACWA activities	70.37%	19
Learn about regulatory developments	81.48%	22
Network with agency staff	62.96%	17
Other:	3.70%	1
Total Respondents: 27		

Q2 How satisfied were you with the presentations?

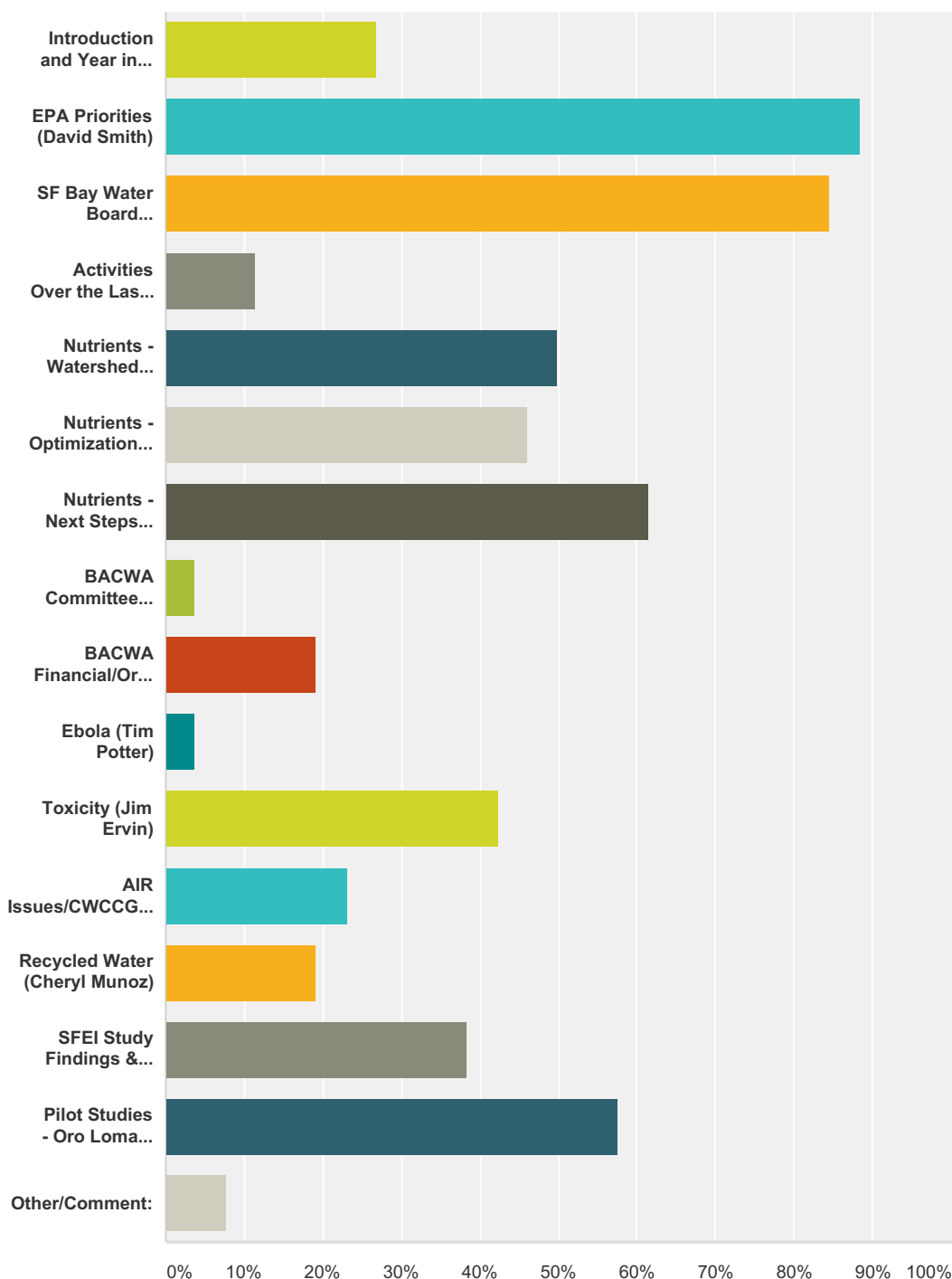
Answered: 27 Skipped: 1



Answer Choices	Responses	
Very Satisfied	48.15%	13
Somewhat Satisfied	40.74%	11
Satisfied	11.11%	3
Dissatisfied	0.00%	0
Total		27

Q3 What topics did you find MOST useful and/or interesting?

Answered: 26 Skipped: 2

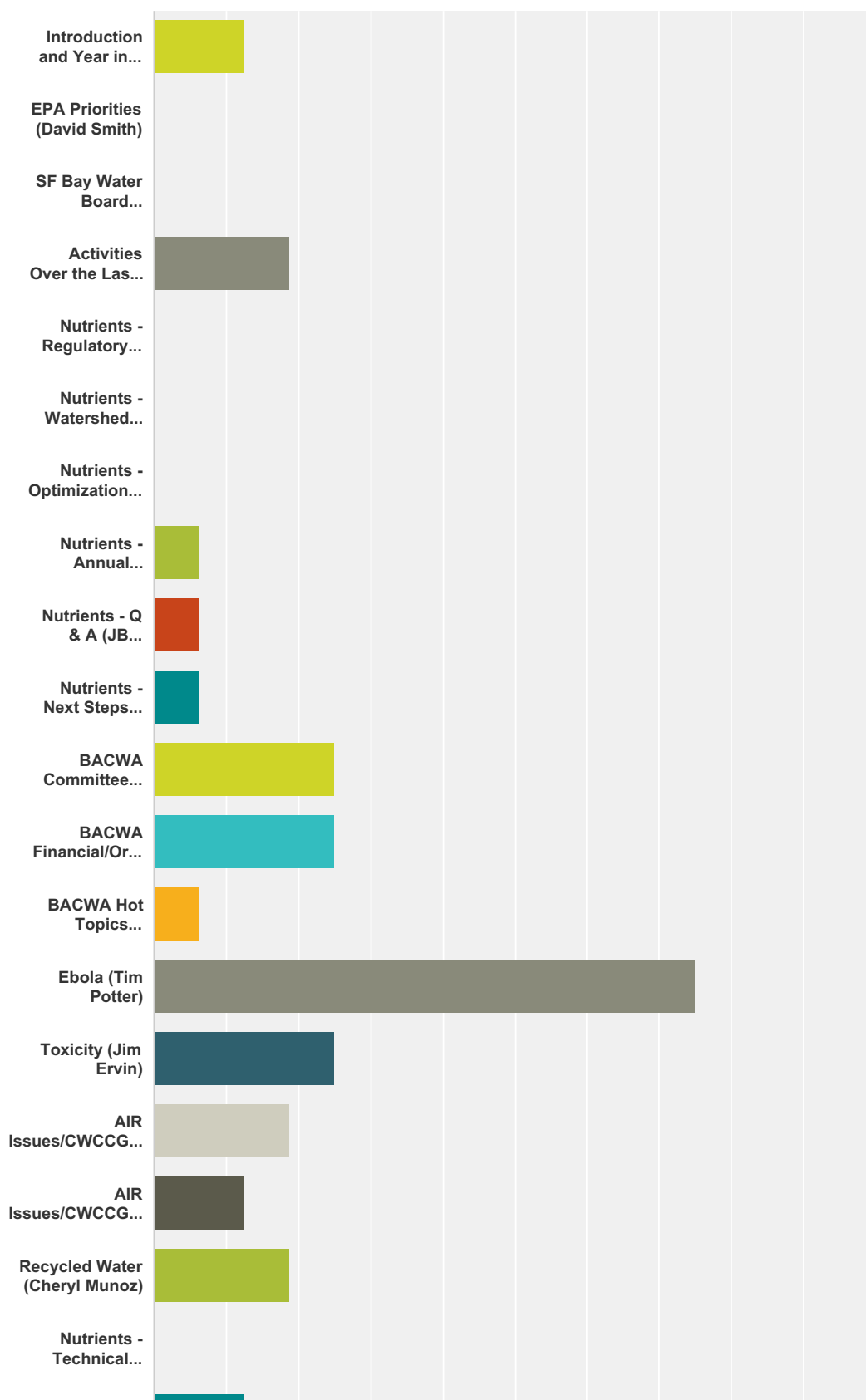


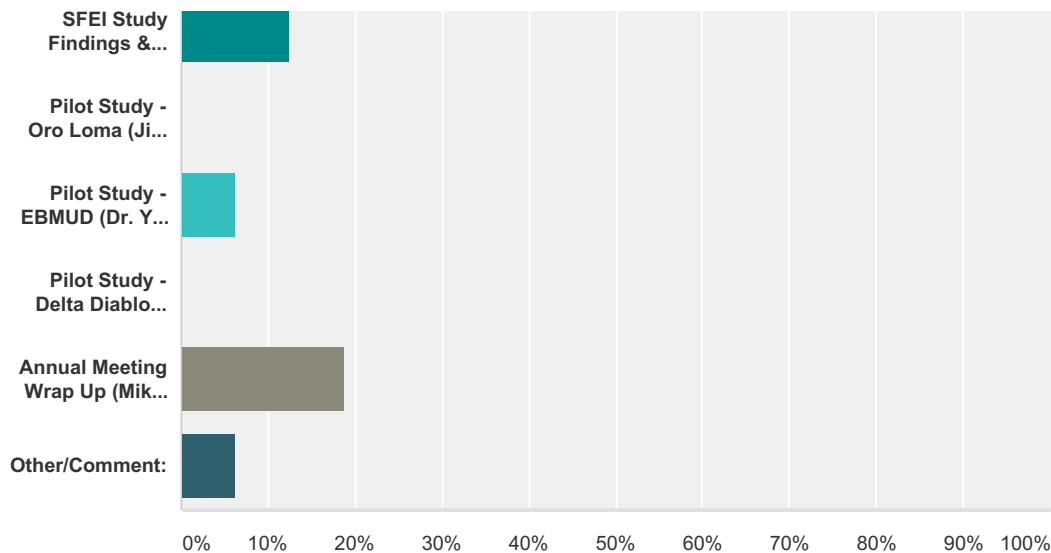
Answer Choices	Responses	
Introduction and Year in Review (Mike Connor)	26.92%	7
EPA Priorities (David Smith)	88.46%	23

SF Bay Water Board Priorities (Bruce Wolfe)	84.62%	22
Activities Over the Last Year/Governance Update (David Williams & Jim Ervin)	11.54%	3
Nutrients - Watershed Permit (David Williams)	50.00%	13
Nutrients - Optimization/Upgrade Studies (JB Neethling)	46.15%	12
Nutrients - Next Steps (Robert Schlipf)	61.54%	16
BACWA Committee Recognition (Mike Connor)	3.85%	1
BACWA Financial/Organizational Outlook (David Williams)	19.23%	5
Ebola (Tim Potter)	3.85%	1
Toxicity (Jim Ervin)	42.31%	11
AIR Issues/CWCCG (Sarah Deslauriers & Randy Schmidt)	23.08%	6
Recycled Water (Cheryl Munoz)	19.23%	5
SFEI Study Findings & Science Plan (David Senn)	38.46%	10
Pilot Studies - Oro Loma (Jimmy Dang); EBMUD (Dr. Yun Shang); Delta Diablo (Amanda Roa)	57.69%	15
Other/Comment:	7.69%	2
Total Respondents: 26		

Q4 What topics did you find LEAST useful and/or interesting?

Answered: 16 Skipped: 12



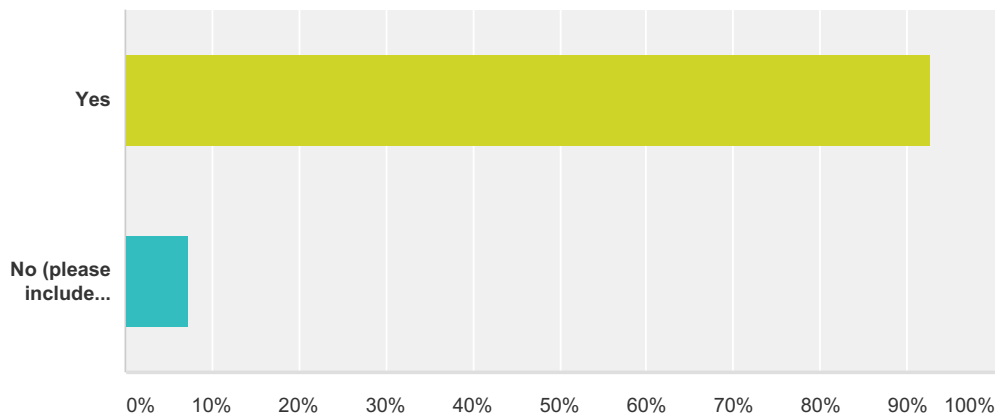


Answer Choices	Responses	
Introduction and Year in Review (Mike Connor)	12.50%	2
EPA Priorities (David Smith)	0.00%	0
SF Bay Water Board Priorities (Bruce Wolfe)	0.00%	0
Activities Over the Last Year/Governance Update (David Williams & Jim Ervin)	18.75%	3
Nutrients - Regulatory Update (Moderator - Roger Bailey)	0.00%	0
Nutrients - Watershed Permit (David Williams)	0.00%	0
Nutrients - Optimization/Upgrade Studies (JB Neethling)	0.00%	0
Nutrients - Annual Reporting (JB Neethling)	6.25%	1
Nutrients - Q & A (JB Neethling)	6.25%	1
Nutrients - Next Steps (Robert Schlipf)	6.25%	1
BACWA Committee Recognition (Mike Connor)	25.00%	4
BACWA Financial/Organizational Outlook (David Williams)	25.00%	4
BACWA Hot Topics (Moderator - Amy Chastain)	6.25%	1
Ebola (Tim Potter)	75.00%	12
Toxicity (Jim Ervin)	25.00%	4
AIR Issues/CWCCG (Sarah Deslauriers)	18.75%	3
AIR Issues/CWCCG (Randy Schmidt)	12.50%	2
Recycled Water (Cheryl Munoz)	18.75%	3
Nutrients - Technical Update (Moderator - Mike Connor)	0.00%	0
SFEI Study Findings & Science Plan (David Senn)	12.50%	2

Pilot Study - Oro Loma (Jimmy Dang)	0.00%	0
Pilot Study - EBMUD (Dr. Yun Shang)	6.25%	1
Pilot Study - Delta Diablo (Amanda Roa)	0.00%	0
Annual Meeting Wrap Up (Mike Connor)	18.75%	3
Other/Comment:	6.25%	1
Total Respondents: 16		

Q5 Did you find the overall length of the meeting to be appropriate? If not, please explain.

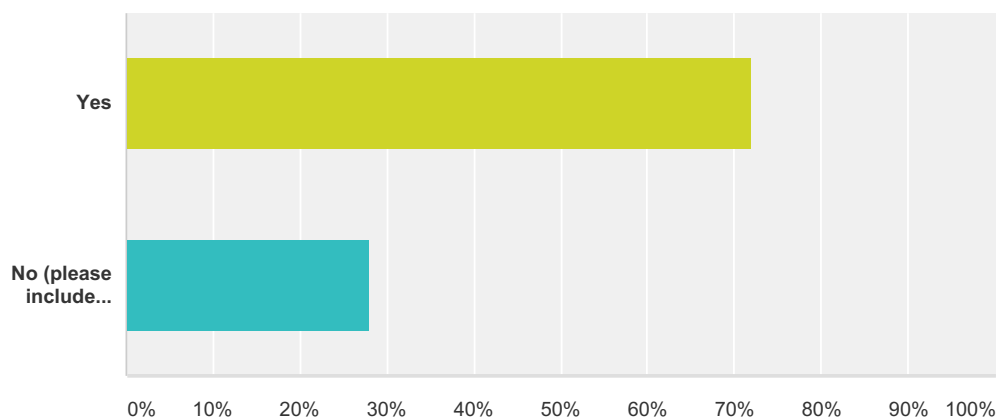
Answered: 27 Skipped: 1



Answer Choices	Responses	
Yes	92.59%	25
No (please include comment)	7.41%	2
Total		27

Q6 Would you recommend that we continue to have the meeting at this venue? (Elihu M. Harris State Building Auditorium) If not, please explain.

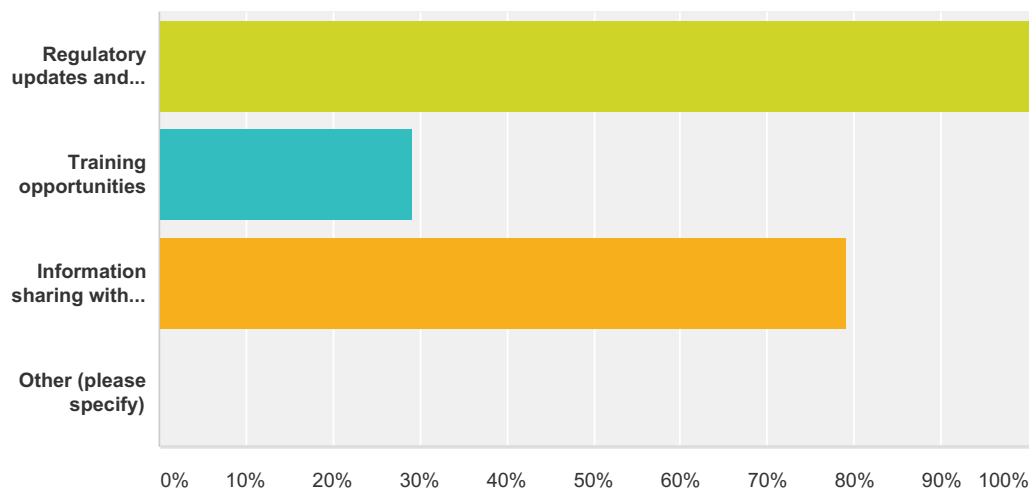
Answered: 25 Skipped: 3



Answer Choices	Responses	
Yes	72.00%	18
No (please include comment)	28.00%	7
Total		25

Q7 What are the most important benefits that you receive from BACWA membership?

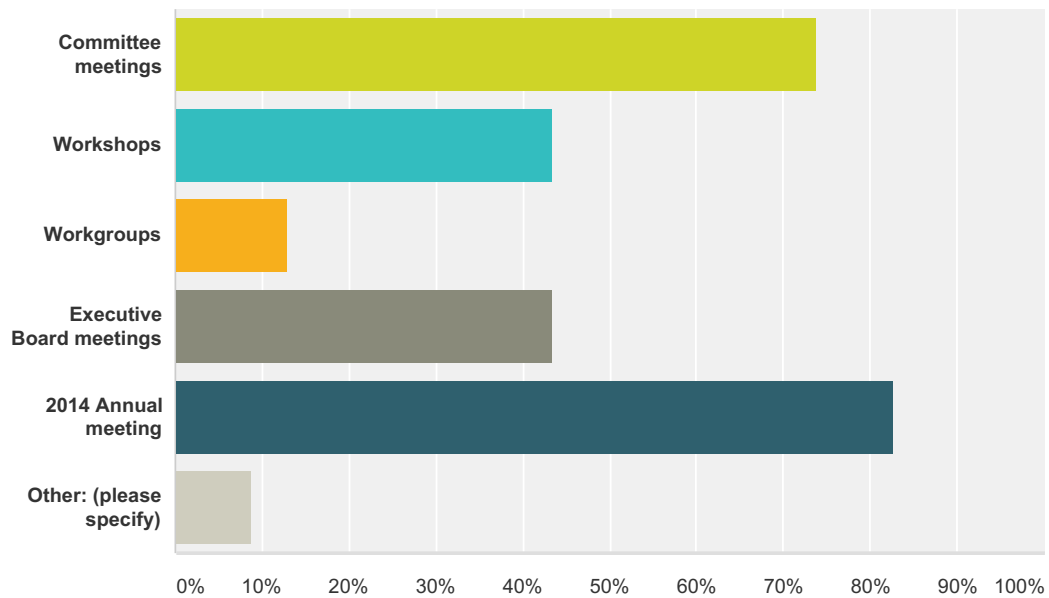
Answered: 24 Skipped: 4



Answer Choices	Responses	
Regulatory updates and advocacy	100.00%	24
Training opportunities	29.17%	7
Information sharing with other agencies	79.17%	19
Other (please specify)	0.00%	0
Total Respondents: 24		

Q8 What BACWA events did you attend in 2014?

Answered: 23 Skipped: 5



Answer Choices	Responses	
Committee meetings	73.91%	17
Workshops	43.48%	10
Workgroups	13.04%	3
Executive Board meetings	43.48%	10
2014 Annual meeting	82.61%	19
Other: (please specify)	8.70%	2
Total Respondents: 23		

What could BACWA do to better serve your agency?

I get a tremendous amount of value from BACWA. I think it is one of the best organizations around!

Make sure that all committees make conference calls available for meetings, including good conference phones.

Keep up the good work

Provide more expert assistance at committee meetings.

Any other suggestions for improving the meeting?

Further discussions on drought impacts and water conservation efforts/opportunities would be useful and interesting.

David Senn's talk was quite detail oriented and fascinating and I would have remembered more if it was before lunch.

Good topics, but some of the speakers could have been a bit more efficient, interesting.

A meeting to promote active two-way communications and discussions between presenters and audiences.

I prefer the classroom style meeting setup where we can have a writing table.

Too long and too technical.

It was a very good meeting

Schedule shorter presentations for after lunch, and longer presentations before lunch.

Don't put it on a Friday.

BACWA BUDGET
FISCAL YEAR 2016
DRAFT

<u>REVENUES & FUNDING</u>	<u>Line Item Description</u>	<u>FY 2014 Actuals</u>	<u>FY 2015 Budget Amended</u>	<u>FY 2015 Actuals to Date (Dec 2014)</u>	<u>FY 2016 Draft Budget</u>	<u>FY 2016 NOTES</u>
Principals' Contributions		\$494,061	\$459,000	\$459,000	\$468,180	2% increase (\$91,800 to \$93,636)
Associate & Affiliate Contributions		\$160,500	\$168,300	\$151,470	\$170,079	2% increase (\$7,650 to \$7,803 & \$1,530 to \$1,560), removed St Helena (see attached billing draft)
Fees	Clean Bay Collaborative	\$765,500	\$675,000	\$579,712	\$675,000	
	Nutrient Surcharge	\$0	\$300,000	\$268,332	\$600,000	
Other Receipts						
	AIR Committee Phase-in	\$0	\$0	\$0	\$50,000	
	BAPPG Non-Members	\$0	\$3,450	\$3,450	\$3,600	
	AIR Non-Member	\$0	\$0	\$0	\$6,200	
Fund Transfer	Special Program Admin Fees	\$12,924	\$6,500	\$0	\$2,500	WOT
Interest Income		\$2,873	\$4,000	\$1,043	\$1,500	
	Total Revenue	\$1,435,858	\$1,616,250	\$1,463,007	\$1,977,059	
<u>EXPENSES</u>						
	<u>Line Item</u>	<u>FY 2014 Actuals</u>	<u>FY 2015 Budget Amended</u>	<u>FY 2015 Actuals to Date (Dec 2014)</u>	<u>FY 2016 Draft Budget</u>	
Labor						
	Executive Director	\$175,000	\$178,500	\$89,250	\$183,498	Annual CPI change for San Francisco-Oakland-San Jose
	Assistant Executive Director	\$84,070	\$76,500	\$38,481	\$78,642	Annual CPI change for San Francisco-Oakland-San Jose
	Regulatory Program Manager	\$0	\$120,000	\$45,807	\$123,360	Annual CPI change for San Francisco-Oakland-San Jose
	Total	\$259,070	\$375,000	\$173,538	\$385,500	
Committees						
	Collections System	\$23,997	\$26,000	\$12,987	\$10,000	Includes Venue Costs & Consultant Services
	Permit Committee	\$0	\$1,000	\$0	\$1,000	
	Recycled Water Committee	\$2,545	\$8,365	\$0	\$1,000	Requests for outside assistance considered on a case by case basis
	Biosolids Committee	\$0	\$5,000	\$0	\$3,100	
	InfoShare Groups	\$10,849	\$12,000	\$7,015	\$1,000	Assumes BACWA Support
	Laboratory Committee	\$2,106	\$7,000	\$0	\$6,000	
	Pretreatment	\$0	\$1,000	\$0	\$1,000	
	BAPPG	\$70,920	\$81,000	\$12,358	\$86,000	
	AIR	\$78,340	\$81,120	\$46,385	\$50,000	Consultant Support, Admin provided by BACWA Staff
	Misc Committee Support	\$104,894	\$28,064	\$11,407	\$20,000	
	Total	\$293,650	\$250,549	\$90,152	\$179,100	
Legal						
	Regulatory Support	\$2,977	\$2,000	\$0	\$2,500	
	Executive Board Support	\$1,972	\$2,000	\$952	\$2,000	
	Total	\$4,949	\$4,000	\$952	\$4,500	

BACWA BUDGET
FISCAL YEAR 2016
DRAFT

	<u>Line Item</u>	<u>FY 2014 Actuals</u>	<u>FY 2015 Budget Amended</u>	<u>FY 2015 Actuals to Date (Dec 2014)</u>	<u>FY 2016 Draft Budget</u>	
Collaboratives						
	State of the Estuary (biennial)	\$0	\$20,000	\$0	\$0	Biennial. Last in 2013. Not paid yet this year
	Arleen Navarret Award	\$0	\$0	\$0	\$1,000	
	FWQC (Fred Andes)	\$5,000	\$5,000	\$0	\$5,000	
	CPSC (Ca Product Stewardship Council)	\$5,000	\$5,000	\$0	\$0	Included in BAPPG Budget at \$9,000
	PSI (Product Stewardship Institute)	\$500	\$500	\$500	\$0	Included in BAPPG Budget at \$1,000
	Stanford ERC (ReNUWit)	\$10,000	\$10,000	\$10,000	\$10,000	
	CWCCG	\$0	\$25,000	\$25,000	\$35,000	
	Total	\$20,500	\$65,500	\$35,500	\$51,000	
Communication						
	Annual Report	\$0	\$1,000	\$0	\$0	
	Website Development/Maintenance	\$6,639	\$0	\$3,683	\$0	
	Website Hosting (Power DNN)		\$600		\$600	Change to Computer Courage with new website
	File Storage (Box.net)		\$720		\$720	
	Website Development/Maintenance		\$5,000		\$1,200	
	IT Support (Managed Services)				\$1,800	3 computers @ \$50/computer - Computer Courage
	IT Support (As Needed)		\$1,500		\$2,000	IT Support-Computer Courage
	Email (Office 365/MS Exchange)		\$480		\$480	
	Other Communication (Survey Monkey)	\$73	\$0		\$288	
	Other Communication (iContact)		\$200		\$0	
	Total	\$6,712	\$9,500	\$3,683	\$7,088	
Meetings						
	Meetings			\$7,278		
	EB Meetings		\$2,500		\$2,500	
	Annual Meeting		\$7,000		\$8,000	
	Pardee		\$5,000		\$5,000	
	Misc. (Summit Partners)		\$1,100		\$1,100	
	Total	\$11,896	\$15,600	\$7,278	\$16,600	
Administration						
	EBMUD Financial Service & Audit	\$24,662	\$40,000	\$14,111	\$40,000	
	Administrative Expenses	\$3,867	\$5,500	\$3,971	\$7,500	Conference Attendance, Supplies, Parking, Mileage, Tolls, Misc.
	Insurance	\$4,321	\$4,500	\$4,308	\$4,500	
	Total	\$32,850	\$50,000	\$22,390	\$52,000	

BACWA BUDGET
FISCAL YEAR 2016
DRAFT

	<u>Line Item</u>	<u>FY 2014 Actuals</u>	<u>FY 2015 Budget Amended</u>	<u>FY 2015 Actuals to Date (Dec 2014)</u>	<u>FY 2016 Draft Budget</u>	
Technical Support						
	Nutrients					
	Watershed		\$880,000	\$879,762	\$880,000	
	Additional work under permit		\$100,000	\$20,000	\$100,000	
	Annual Reporting		\$100,000		\$0	
	Opt/Upgrade/Annual Reporting Studies		\$250,000		\$559,000	
	Nutrient Program Coordination		\$0		\$50,000	
	General Tech Support		\$50,000	\$270,050	\$50,000	
	Chemicals of Concern (K. Moran/CASA support)		\$15,000		\$15,000	
	Risk Reduction		\$15,000		\$17,500	Remaining 3 years is approx. \$50k
	Rate database		\$6,000		\$0	Create forum for Agencies to share their own surveys
		\$474,545	\$1,416,000	\$1,169,812	\$1,671,500	
	TOTAL EXPENSES	\$629,627.49	\$2,186,149	\$1,503,305	\$2,367,288	
	NET INCOME BEFORE TRANSFERS				-\$390,229	
	TRANSFERS FROM RESERVES				\$390,229	
	NET INCOME AFTER TRANSFERS				\$0	

Regulatory Approach to Toxicity in SFRWQCB

EPA Region IX Headquarters

70 Hawthorne Street, San Francisco, CA

Agenda

February 20, 2015

- I. Background on Toxicity in SFRWQCB (Tom)
- II. Concerns Regarding Inclusion in Permits (Tim)
- III. Historical Results from Chronic Toxicity Testing in the Bay Area (Jim)
- IV. BACWA Member's Conclusions on Numeric Limits in Permits (Mike)
- V. EPA's Objectives on engaging RWQCBs on Toxicity at this time (Dave S.)
- VI. BACWA's Thoughts on Toxicity Permitting
 - a. Use of dilution
 - b. Use of triggers
 - c. Approach to determining RP
 - d. Testing for acute toxicity
 - e. Uses of averages in determining compliance
 - f. Potential penalties for violations
- VII. Discussion (All)

Sent Via Email

February 17, 2015

To: Attached Mailing List

Subject: Approval of Scoping and Evaluation Plan for Potential Nutrient Reduction by Treatment Optimization and Treatment Upgrades, Order No. R2-2014-0014, NPDES Permit No. CA0038873

This letter approves the Scoping and Evaluation Plan (hereafter Plan), dated November 26, 2014, and amended on February 3, 2015, for potential nutrient reduction by treatment optimization and treatment upgrades. The Bay Area Clean Water Agencies (BACWA) submitted the Plan and amendment on behalf of all major municipal wastewater treatment plants to satisfy provisions C.1 and C.2 of Order No. R2-2014-0014.

By letter dated January 9, 2015, the Water Board conditionally approved the Plan. The conditions directed BACWA to (1) use plant-specific information rather than an assumed rate of population growth in each plant's service area, (2) foster innovative treatment technologies, and (3) evaluate more aggressive treatment levels for total nitrogen. To address these conditions, BACWA indicated in a February 3, 2015, letter that it would use local general plan documents to evaluate likely growth in each service area, expand its evaluation of innovative technologies to determine next steps for implementation, and document when innovative technologies may be used to achieve more aggressive treatment levels for total nitrogen. This response satisfies our concerns. Additionally, we received no other comments on the Plan and amendment at a Board information item on this matter on February 11, 2015.

If you have any questions regarding this letter, please contact Robert Schlipf at (510) 622-2478 or by email robert.schlipf@waterboards.ca.gov.

Sincerely,

Bruce H. Wolfe
Executive Officer

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Sherry Hull

From: Sherry Hull
Sent: Wednesday, February 18, 2015 6:00 PM
To: Sherry Hull
Subject: FW: agenda item # 14 c i

From: NMS Science Manager

3. In our December 2014 Science Plan meeting with Science Advisors, one recommendation was that during the next 1-3 years a substantial portion of the science investigation budget should be focused in a smaller portion of the Bay to maximize what we learn. With the current budget, after accounting for basic program management/science-synthesis, modeling, and on-going monitoring and monitoring program development, there remains ~400k/yr. With this funding, we could support roughly 2 “special studies” per year. If we were to distribute these special studies across the full Bay, our understanding would be “an inch deep and a mile wide”. Instead of the inch=deep-mile-wide approach, the group recommended targeted and coordinated studies over the first few years to maximize what we learn. The group recommended Lower South Bay be the focus over the next few years. The reasons behind this recommendation are:

i. With limited funds, we will learn the most, and most quickly, if we focus investigations in one part of the Bay. Since physics, chemistry, and biology are all linked, we arguably need to be studying them simultaneously so that we can interpret observations. We can’t realistically do everything Bay-wide, in parallel, either in terms of logistics or budget. For the reasons mentioned in subsequent bullets, the group identified LSB as a logical subembayment. Lessons learned in LSB will transfer (both mechanistic understand, and how to carry out the studies) to future investigations in other subembayments, making that future work more efficient.

ii. Lower South Bay has probably the strongest spatial gradients in chemistry, physics, and biological response of any of the subembayments. Therefore, it provides the best opportunity, in the smallest space, to study a wide range of conditions, and learn the most that way.

iii. We are already focusing a fair bit of effort in LSB, in terms of moored sensors, DO in margins, and the proposed mapping project. We can best take advantage of that information if we collect the other complementary information.

iv. LSB has the highest nutrient concentrations, highest phytoplankton abundance, and lowest observed DO. Although this is not the primary driver for focusing investigations on LSB in the next few years - if (i) is the primary driver, and we know we need to focus somewhere, then this is one among several reasons that LSB bubbles to the surface.

Do you have ideas/questions/concerns about this?

4. In the Science Plan outlook, work would continue Bay-wide, and in particular in Suisun. Four examples are below...

i. There would be a continued major focus will be on collecting phytoplankton composition data and toxin concentration data at numerous stations Bay-wide, and more intensively in targeted areas. In a year-1 NMS sponsored project, we developed a 2.5 year Bay-wide survey of phytoplankton community composition (based on pigments/CHEMTAX). This includes 2 stations in Suisun, and 2 in the LowerSac. See attached. This work is being written up as a manuscript now. I expect that the Science Plan will recommend continuing work on this project. By the end of FY2016, 4-5 years of monthly phytoplankton composition data will be available (>500

station/date combinations), along with basic physical/chemical data to support a rigorous statistical analysis into the factors that regulate phytoplankton response. If the Delta RMP (through DWR) continues with its data collection, and perhaps provides pigment samples for analysis, we would have an outstanding resource to not only look at the Bay, but to look across the full Bay-Delta

ii. I'm proposing that we bring together key technical advisors representing a range of viewpoints in FY2016 to help identify the key science questions and key studies to test those questions, in Suisun Bay (and the Delta).

iii. Hydrodynamic model development and source tracking modeling will continue Bay-wide. Water Quality modeling will start in South Bay, but will transition to Bay-wide in its second or third year.

iv. Monitoring work (nutrients, phytoplankton, etc.) would continue Bay-wide, as well as data interpretation/synthesis.

ooo
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San Francisco Bay Regional Water Quality Control Board

San Francisco Bay Nutrient Management Strategy (NMS)

Steering Committee

February 9, 2015

San Francisco Bay Regional Water Quality Control Board (RWQCB)

Room 12, Second Floor

1515 Clay St, Oakland, CA 94612

AGENDA

	Agenda Item	Lead	Time
1	Welcome, Introductions, and Agenda Review	Facilitator Rich Wilson / Dave Senn	9:00 – 9:10
2	Program Updates <ul style="list-style-type: none"> Planning Subcommittee updates Science Program Financials <i>Decision point: approval of project funding requests</i>	Ben Horenstein and Ian Wren; Dave Senn	9:10 – 10:30
	Break		10:30 – 10:45
3	Science Plan Update <ul style="list-style-type: none"> Revisit goals, uses and Science Plan development timeline Update on December Science Plan meeting 	Dave Senn	10:45 – 12:00
	Lunch		12:00 – 12:30
	Science Plan Update (discussion continues as needed)	Dave Senn	12:30 – 1:00
4	Program Funding Request (optional pending outcomes of agenda item 2)	Dave Senn	1:00 – 2:00
5	Additional Updates and Minor Items <ul style="list-style-type: none"> Discuss potential formation of monitoring program workgroup (institutional strategy) Other updates (Steering Committee / others) 	Dave Senn; Steering Committee; attendees	2:00 – 2:30
6	Review Action Items and Preview Next Meeting	Facilitator; Dave Senn	2:30 – 3:00
	Adjourn		3:00

NOTES:

- Public comment periods will be accommodated at the end of each agenda item (excluding item 1). The duration of each comment period will be at the discretion of the meeting facilitator.
- Breaks will be taken at the discretion of the meeting facilitator and the Steering Committee.

DR. TERRY F. YOUNG, CHAIR | BRUCE H. WOLFE, EXECUTIVE OFFICER

San Francisco Bay Nutrient Management Strategy (NMS)
Steering Committee (SC)
Meeting No. 4
February 9, 2015
DRAFT Meeting Summary

1. Welcome, Introductions, Agenda Review

Rich Wilson (facilitator) welcomed all and introductions were made. Attendees and their affiliation are shown in Attachment A.

The agenda was reviewed with no changes noted.

A request was made for any comments or corrections to the October meeting summary. No comments were received.

2. Program Updates

- a. **Planning Subcommittee Updates:** Members of the Planning Subcommittee (PS) provided an update of activities as follows:
- Two meetings were held since the last Steering Committee (SC) meeting on October 27, 2014
 - Letters in support of a grant to USGS for advanced modeling were sent from Baykeeper and BACWA.
 - The need for facilitation and PS and SC support were discussed and how these services could be provided by a Projector Coordinator.
 - A \$10k agreement funded by BACWA was approved to continue facilitation services by CCP.
 - A conceptual plan for longer term support to the SC and PS is being developed and will be shared with the SC.
 - The PS is developing a longer term schedule of meetings to allow all participants to schedule the future meetings on their calendars.

On the scheduling of meetings, a request was made to not schedule future SC meetings on Tuesdays due to an on-going conflict with one SC member's calendar.

A question was raised as to the benefit of having letterhead for the SC. After some discussion it was decided that at some point letterhead may be beneficial but for now no letterhead will be used.

The SC was reminded that the purpose of the PS is to provide a forum for immediate and quick responses needed between SC meetings plus helping to carry out the directions provided by the SC.

- b. **Science Program:** The Science Manager (SM) provided an overview of the progress on the science program. The SM asked if the materials provided to the

SC are meeting the needs of the SC membership. All work products are available on the web.

The SM explained that in building the science program he has worked with key scientific collaborators which include SFEI, SCCWRP, UCSC, USGS-Menlo Park and Sacramento, and UCB. He highlighted four areas: Moored Sensors, Algal Toxins, Phytoplankton Community, and Program Management.

Moored Sensors

- 3 are currently installed at the Dumbarton Bridge, Alviso, and the San Mateo Bridge
- the number of moored sensors will be expanded include Coyote Creek in April 2015
- sensors monitor for chl-a, DO, and NO3 at some stations.
- showed graphs of sensors readings and explained observations
- use of an acoustic Doppler current profile instrument allows calculation of loadings
- data can be viewed at www.enviz.org
- data shows strong correlation between DO and tides.
- salt pond operation can impact chl-a concentrations.
- data helps answers what are the dominate DO conditions in various parts of the Bay vs. simple point readings.

Algal Toxins

- mussels were analyzed in 2012 & 2014
- data helps answer the question if toxins are entering the food web.
- evidence shows toxins (domoic acid & microcystins) are entering the food web.
- asked the question if this was a valuable monitoring approach?

Phytoplankton Community

- measuring pigments to quantify biomass of different classes of organisms.
- showed plots of phytoplankton community composition at several stations

Several questions followed these presentations.

Q: Where are the toxins coming from?

A: from active algal species

Q: what are the beneficial uses we are trying to protect?

Q: are algae growing in the location found or do they flow into the area?

Program Management

- The SM attended the Bay Delta Science Conference in November 2014, 4 papers on NMS funded projects were presented
- IEP newsletter contained articles on NMS
- The Nutrient Technical Workgroup is planning two meeting by June 2015, **notices will be sent to SC members**

A request was made to clarify the technical groups by a matrix of who is on what groups and what are the roles and responsibilities of the various technical groups. **The PS will be clarifying this issue.**

The SM indicated that recruiting is an on-going effort. Two new positions are needed for working on the moored sensors and the modeling efforts. Lots of good candidates for the moored sensor program but few good modelers. It was pointed out that the SM should be open to hiring as well as contracting for needed assistance. **The SM will check in with the SC at its next meeting to review hiring approaches and issues.**

A discussion ensued on whether using a different model would make more applicants available. IT was also pointed out that modeling efforts should be coordinated with efforts in Region 5. The SM explained that they are using the Cascade hydrodynamic model which appears to be the most appropriate model for this work. A question was asked as to how the modelers will be funded over the long term and who is on the selection committee. The SM stated the NMS will fund the positions and he is open to having other review the need for the moored sensor positions. For the modelers, the key collaborators will help make the selections.

- c. **Financials**: The SM stated that most projects are on track. Funds amounting to roughly \$400k are still unallocated from the fund available in FY 15.

It was pointed out that in order for the SC to have a good understanding of the financial picture, common terminology needs to be established to differentiate between funding efforts that end within a FY and may have balances remaining which could then be reallocated to other efforts vs. projects that may extend beyond the current FY but need to be completed and thus their balances remaining at the end of a FY are not available.

A question was asked as to who else is doing work and how does the work they are pursuing fit in with the overall NMS Science Plan.

The concept behind the SC is to have a “one tent” forum where information can be shared and collaboration ensured. An example was the Bay Delta Conference. Some felt that the presentation of new science that disputed previous work could have been shared earlier.

A question was asked about whether or not wet weather is being captured in the assessment of toxins since hydrology seems to play a big part. The response from the SM was that yes, hydrology will be evaluated.

The Assessment Framework appears to be a critical document that will play into the decision making on whether or not the Bay is impaired. A request was made to have a presentation on how that document is being developed.

BREAK

3. Science Plan Update

a. Goals, Uses and Timeline

The SM gave several PP presentations on the update to the Science Plan. These presentations can be found at the following link:

http://sfbaynutrients.sfei.org/sites/default/files/NMS_SC_Feb92015_Senn.pdf

For any other materials from the meeting, the link is...

<http://sfbaynutrients.sfei.org/books/nms-steering-committee-meeting-materials>

Highlights from the presentations are as follows:

The Bay is exhibiting problems; algal toxins are detected Baywide, ecosystem decline in Suisun Bay and Delta, DO in shallow margin habitats.

Components of the Science Plan:

- Assessment Framework
- Loads Assessment
- Monitoring
- Modeling

Assessment Framework:

- what constitutes impairment?
- is impairment occurring and where?
- are nutrient causing impairment?
- what are future impairments?
- what are contributions of nutrients?
- what are management actions?

Assumes a 10 year window for providing actionable answers.

Science Plan:

- multi-year plan
- prioritize lines of inquiry
- identify time and funding needs
- be informed by time and budget

SM is interacting with team of science advisors in the process of developing the Science Plan.

Charge to science advisors:

1. Agree on plan
2. Concur on priorities
3. Detailed approach to HABS/toxins

Major Themes

1. Prioritize as necessary
2. Focus investigations in 1 region of Bay to maximize use of limited funding resources (LSB focus over the 1st 3 years of Science Plan)

3. Challenge: timeline and budget (\$3-5M/yr needed vs. \$1.4 M available)
4. In early years develop a program/collaborator model vs. RFP type process

Overall Science Plan Layers

1. HAB/toxins
2. High Chl-a, low DO
3. NH₄, phytoplankton
4. Nutrient load and transformation

Questions were then posed to the SC members:

Q1: How detailed should the Science Plan Be?

Several comments/statements/questions were then made by various SC members as follows:

-One member voiced support for the 10 year plan

-It was noted that the presentations showed the Assessment Framework (AF) being completed in parallel with the HAB/toxin studies, so the question was is it better to do the science first before assessing impairment?

Response: SM responded that the AF is not meant to say the Bay is impaired but to set a process.

-What will the AF report do?

Response: the Water Board (WB) responded that those questions should be addressed to the WB not the SM.

-Request was made for the WB to explain how they propose to use the AF at the next SC meeting

-A concern was raised about focusing on subembayments could have the unintended consequence of losing some SC member's interest and perhaps funding.

Response: SM stated that there would still be work done on a Bay-wide basis but due to budget constraints you'd get better bang for the buck by focusing on LSB where a wide array of issues can be studied in a more confined area.

-A concern was raised about so much detail in the layers of the Science Plan, prefers the KISS approach.

Response: SM stated there will be priorities within each layer.

-Statement that staying broad is better than going detail at the start since the detail may change over time.

Response: WB staff stated they prefer more detail and that there is a sweet spot between detail and themes.

-SC member stated they like detailed projects for all layers of the Science Plan.

Q2: How do we manage input to the Science Manager?

-Statement made that the SM will always give more detail than expected. The Science Plan will change over time.

-Request by SC member to have a little time to weigh-in would be good regarding the level of detail would be good. A critical issue is the focus on subembayment vs. Bay wide.

The SM agreed to immediately get all questions he is looking for feedback on regarding the Science Plan out to the SC members who should get their feedback to the SM within one week.

LUNCH BREAK

Discussion continued on the Science Plan Update

The SM stated that the focus on the LSB would consist of expending about 30% of the annual budget on scientific studies in that subembayment with the remaining 70% on Bay-side studies.

-One SC member voiced agreement with this approach.

-Another SC member voiced support as well but wanted other areas such as Suisun Bay to have a focus as well. The Water Contractors are planning to pursue other studies in Suisun Bay and they would like to vet their study plans with the SC process and leverage their efforts with the NMS Science Plan.

-A SC alternate stated understanding of why the focus on LSB was made but with too much focus on LSB if regulatory management decisions need to be made then there may not be the scientific backing to support those decision in other subembayments.

-A question was asked should the Science Plan be science driven or regulatory driven?

-The WB stated that all work needs to be done under the "one tent" concept. There is not enough money to all of the "must do's" let alone the "should do's". More funds need to be raised. The intent is to lay out a Science Plan based on current funding which is \$880k from BACWA and \$500k from the RMP. A super majority of contributors have a stake in the LSB. If folks are doing work in Suisun Bay, then it should be included in the "one tent".

-It was noted that the premise is that the science will lead the regulatory actions. Will regulatory decisions be consistent with the priorities in the Science Plan?

Response: the WB responded that generally yes, but it is always with a weight of evidence approach. There is a desire to avoid having LSB become a problem and thus the precautionary principal may come into play.

-One SC member asked are the beneficial uses being maintained? How can we use what is being produced to ensure beneficial uses are being protected?

-A SC alternate stated that the three POTWs in the LSB already nitrify and asked how are the predictions there going to be related to the other subembayments where nitrification is not occurring?

-The WB stated that processes in the LSB are different than in Suisun Bay.

-Another SC member voiced support “weight of evidence” was used with respect to decisions on future regulatory actions vs. “preponderance of evidence”.

Response: the WB stated that the key is we are doing it together not just the WB looking at the data and coming up with actions.

-A SC member questioned the schedule for addressing the 6 key questions and wondered how #3 dealing with to what extent nutrient are causing or contributing to impairment be finalized ahead of #1 and #2 dealing with what does impairment look like and is impairment currently occurring?

Response: the SM stated that questions will be answered along the way.

4. Program Funding Request

The SM stated that he had four funding requests for the SC to consider as follows:

- | | |
|-------------------------------------|--------|
| 1. Science Program management: | \$65k |
| 2. Study of DO in the margins: | \$80k |
| 3. Biochemical mapping: | \$119k |
| 4. Physical data collection in LSB: | \$83k |

Discussion ensued on the funding requests. The facilitator explained that each SC member would be able to vote on each proposal: thumbs up, thumbs down, thumbs sideways, or abstain. The vote would be based on each proposal’s merits rather than one versus another.

Proposal #1 - Science Program Management: The SM described that the value was based on the that assumption that the budget wraps up with a June 30th fiscal year, and that D.O. and modeling are moving forward without hiring staff yet. A question was asked what is meant by “outreach” under the description of activities for Science Program Management. It was explained that as part of developing the science there would be requests to have presentations on the findings. The suggestion was made to change the description of the activity to “science dissemination” rather than outreach, and was further modified by the SM to include fundraising.

Vote: Thumbs Up - 12
Thumbs Down – 0
Thumbs Sideways – 0
Abstain – 0

Consensus of Thumbs Up reached on Proposal #1.

Proposal #2 – Dissolved Oxygen in Shallow Margin Habitats: The SM explained that the SC originally granted half of the funds for this proposal, and this is the request for the second half.

A SC member asked how they plan to spend \$80,000 in four months?

Response: Equipment purchase and field support to USGS.

WB asked if there is a comparable project in Suisun Marsh?

Response: There is a TMDL project in Suisun Marsh for D.O. and whether it should be a fixed number. WB clarified that this would be *in addition* to this effort.

What is the deliverable due date? Will you need additional budget for report?

Response: SM not recalling but believes the answer is yes, as the full deliverable would be due at the end of 2 years. **SM to get back to group on deliverable deadlines.**

Vote: Thumbs Up - 11

Thumbs Down – 0

Thumbs Sideways – 0

Abstain – 0

Consensus of Thumbs Up reached on Proposal #2 (One WB staff left before vote).

Proposal #3 – Biogeochemical Mapping in Lower South Bay: The SM explained that the system is very different during high and low tides, and that the USGS boat can only go so far during low tides, creating a possible bias. This proposal is to map entire system to fill in the gaps.

Data collection and analysis is the main cost?

Response: The proposal includes \$10,000 for qPCR (10-20 samples @\$100/sample) and metogenomics

We are not buying equipment and its not the USGS boat – who's is it?

Response: USGS Sacramento's boat – it's a small 25' boat that will trailering down for 2 days to this testing, and we are also using their equipment

The results from this will help interpret your fixed station data?

Response: Yes, data collection with longer-term possibilities, i.e. proof of concept (can we do this?), in order to catch four seasons at high and low tide.

Vote: Thumbs Up - 10

Thumbs Down – 0

Thumbs Sideways – 1

Abstain – 0

Consensus of Thumbs Up reached on Proposal #3.

Proposal #4 – Physical Data Collection in Lower South Bay: The SM stated that we are currently only collecting water quality data, and lacking the physical information to obtain a clearer picture of the system. In order to interpret data at fixed stations, we also need to collect information on the physical characteristics of the Bay. This proposal would support a grad student from UC Berkeley (getting 1.2 people for the price of one because she has fellowship money), install three more stations, maintenance, and data analysis over the course of a year.

Where would this be occurring?

Response: Dumbarton Narrows

Is the purpose also to understand stratification and to understand if/how water from the margins have different densities?

Response: Yes, this is part of it

Vote: Thumbs Up - 10

Thumbs Down – 0

Thumbs Sideways – 1

Abstain – 0

Consensus of Thumbs Up reached on Proposal #4.

A WB member pointed out that last year when we had to approve millions of dollars in a very short period of time, that we had agreed that next time we would bring in technical panel review and external peer review. Concern that we pay for it, use the information, and approve the work without any outside review. This may cause a potential conflict.

A SC member agreed that it would be a good idea to have an outside scope review.

The SM agreed that it had escaped him this time, but also cautioned not to get too tied up in the process.

WB stated that we are in start-up mode and that getting outside review on proposals will happen next time.

A SC alternate reiterated that there is a need for a process to vet project proposals, both internal and external, and identified when there was no opportunity for an external project to be discussed in front of the SC. WB staff pointed out that the project, albeit in a less mature phase, had been brought up at the SC; but still agreed that this is a good time to clarify the process

Another SC member pointed out that the SM is fully capable of the work and is already working in collaboration with many other parties, which provide some outside review and input. Going through more independent review will just stop things up. Therefore, let the SM do his work.

The PS and SM agreed to draft a process to vet proposals, both internal and external, for consideration at the next meeting.

5. Additional Updates and Minor Items

- a. **Monitoring Workgroup (MWG):** The SM inquired as to whether we should form a MWG in order to have leadership when coordinating with other organizations (IEP, DWR, etc.), lobby congressional avenues, meet with external groups to identify and put in place networks to gain funding, etc..

WB mentioned looking outside the Bay for opportunities to partner, for example;

- Incredible opportunity to partner with IED with the new water quality objectives
- Delta Science Program
- Public water agencies

A SC member like the idea although expressed concern that it may be a lot of work. The SM stated that it is in enough people's interest to at least get started and see how beneficial it is.

Another SC member suggested RMP be involved in some manner so we are not independently setting something up parallel to RMP without having them involved.

WB member stated that the RMP was not set up to address all the questions in play here.

Ben Horenstein volunteered someone from BACWA on the MWG.

Decision to allow SM to form a MWG with the purpose of collaborating and identifying resources for monitoring in the Bay. **SM to report back to the group on the rationale and purpose for the MWG, and identify who may participate.**

6. Review Action Items and Preview Next Meeting

SM asked the group to identify anything else that should be at these SC meetings. – What are the things that will make these meeting more production and informative?

A SC member stated that the SM does a fabulous job, although more insight into the SM's insight would be helpful. For example, from today's meeting it is not entirely clear why the LSB was chosen. The group could be better informed if we were provided greater insight into this decision because as of right now, we are relying on the SM's judgment.

Another SC member stated that more updates from the regulatory side, more specifically, where and how the regulatory side connects, would be helpful.

A WB member stated that things the SM needs from the SC should be first on the agenda to give the SM what he needs, and then the science update should follow.

Another WB member agreed. Updates are always available on the website. Process decisions need to go first to get them behind us.

A WB member stated that material for the meeting need to be distributed in a timely manner with an agenda so the SC can provide feedback.

Action Items were reviewed (see Attachment B).

The agenda for next meeting was discussed:

- More specific conversation on the Science Plan, with the intention to deliver a draft Science Plan two weeks before the meeting.
- Define what is our fiscal year, when should projects be approved for funding; SM will come to the next meeting with a proposal.

The meeting adjourned at 3:00 PM.

ATTACHMENT A

Nutrient Management Strategy- Steering Committee Meeting No. 4 Attendees

Steering Committee and Alternates

Ben Horenstein	Bay Area Clean Water Agencies (BACWA)
Tim Potter	BACWA
Jim Ervin	BACWA
Bhavani Yerrapotu	BACWA
Jeff Page	Napa County Farm Bureau
Lisa Thompson	Sacramento Regional County Sanitation District
Ian Wren	San Francisco Baykeeper
Valerie Connor	State and Federal Contractors Water Agency
Leanna Zweig	US Fish and Wildlife Service
Kevin Buchan	Western States Petroleum Association
Joe Holmuzki	US Geological Survey
Adam Olivieri	Bay Area Stormwater Management Agencies Association
Terry Fleming	US Environmental Protection Agency
Tim Potter	BACWA

Public Attendees

Emily Novick	San Francisco Estuary Institute (SFEI)
Mike Connor	EBDA
Melody LaBella	Central Contra Costa Sanitary District
Mary Lou Esperanza	Central Contra Costa Sanitary District
David Williams	BACWA
Patricia McGovern	PM Engineers / BACWA

NMS Staff and Water Board

Tom Mumley	Water Board
Naomi Feger	Water Board
Richard Looker	Water Board
Chris Foe	Water Board
David Senn	SFEI
Rich Wilson	Center for Collaborative Policy

ATTACHMENT B

Nutrient Management Strategy- Steering Committee Meeting No. 4 Action Items

#	Action Item	Responsible Party
1	Send notices to the SC members of the two Nutrient Technical Workgroup meetings that will occur by June 2015.	Science Manager
2	Develop a conceptual plan to capture NMS program needs and options for addressing those needs.	Planning Subcommittee
3	Clarify the technical groups by developing a matrix of who is on what groups and what are the roles and responsibilities of the various technical groups.	Planning Subcommittee
4	Check in with the SC at its next meeting to review hiring approaches and issues with regard to the moored sensors and the modeling efforts.	Science Manager
5	Present at the next meeting on how the WB plans to use the Assessment Framework document.	Water Board
6	Circulate questions to the SC members immediately following this meeting to guide the request for feedback on the Science Plan.	Science Manager
7	Provide feedback to the SM on the Science Plan within one week of his providing questions (COB Monday, February 16, 2015).	Steering Committee
8	Draft a process for consideration at the next meeting to vet proposals, both internal and external, under the NMS framework, before projects are presented to the Steering Committee for decision-making.	Planning Subcommittee and Science Manager
9	Report back to the group at the next meeting on the rationale and purpose for forming a Monitoring Workgroup, and identifying who may participate.	Science Manager
10	Communicate a BACWA participant on the proposed Monitoring Workgroup	Ben Horenstein

Planning Subcommittee Meeting No. 6

January 14, 2015

1:00 – 3:00 pm

Water Board Offices

Agenda

1. Modifications to Agenda **(all)**
2. Review of Outstanding Action items **(Dave W)**
3. Science Program update **(Dave S, very brief review)**
 - i. Projects
 - ii. Financial management
4. Update on priority list of things to do
 - i. Report-Outs **(all)**
 1. Status of continued CCP facilitation **(David C)**
 2. WB's approach to weighing-in on policy issues **(Tom)**
 3. Recent letter from the Water Contractors on Suisun Bay studies. **(Tom)**
 - ii. Issues
 1. Staffing Plan, skill set, and budget for current and long term Science Plan needs **(David S)**
 2. Allocation of remaining FY 15 funds **(David S)**
 3. Proposal for near term and long term support of SC **(Ben)**
 - iii. Scheduling
 1. Review future meeting schedules **(Ian)**
5. Planning for upcoming Steering Committee meetings

- i. Draft Agenda for SC Meeting No. 4 **(David S)**
- 6. Other Updates
 - i. Proposed annual timeline for authorizing funds **(Dave W)**
- 7. Planning the next Subcommittee meeting
 - i. Review of Action items **(David W)**
 - ii. Next steps **(all)**
 - iii. Next Meeting Date **(Ian)**

Planning Subcommittee (PS) Meeting No. 6

January 15, 2015

1:00 – 3:00 pm

Water Board Offices

Meeting Summary

Attendees: Tom M., David S., Ian W., Ben H., Rich W., David C (phone)., Dave W. (notes)

Note: Action Items and Decisions are shown in *bold italic*.

1. **Modifications to Agenda** – Under 4ii combine items 1. and 3.
2. **Review of Outstanding Action items** – A quick review of the Action Items from Meeting No. 5 was completed. All items were completed or were on the current agenda for discussion.
3. **Science Program update:**
 - i. **Projects** – the Science Manager (SM) provided a handout showing updates of major activities (see Attachment A). It was noted that huge amounts of data are being collected and this may lead to funding requests to assist in managing all of the data. A question was raised as to who are the Science Advisors and how are they selected. There is a need for transparency on who they are and how selected. ***Action Item: add discussion of Science Advisors to next PS meeting agenda.***
 - ii. **Financial management** – the Science Manager (SM) noted there will be a funds request at the next Steering Committee (SC) meeting.
4. **Update on priority list of things to do**
 - i. **Report-Outs**

1. **Status of continued CCP facilitation** – CCP has the BACWA approved contract for \$10k and is in the process of executing the contract.
2. **WB's approach to weighing-in on policy issues** – this is a work in progress.
3. **Recent letter from the Water Contractors on Suisun Bay studies** – It was agreed that there is not a need for a separate process on this issue. The Charter provides for members of the SC to propose projects and alternatives for funding the projects. The key concern is to ensure that whatever projects are pursued that they are vetted through the SC and the SM. ***Action Item: the WB, with facilitation assistance from CCP and assistance from the SM, will convey to the Water Contractors that there is interest in (1) specifically what are the Contractors interested in doing (2) how they proposed to fund any studies and (3) what process they propose for vetting their interests with the SC. This Item would then be agendaized at the SC meeting.***

ii. Issues

1. **Staffing Plan, skill set, and budget for current and long term Science Plan needs** – combined with 4.ii.3
2. **Allocation of remaining FY 15 funds** – Roughly \$425k of FY 15 funds remain to be allocated by the SC. At the next SC meeting the SM plans on requesting \$40k for additional Science Program Management. The original request to the SC was for \$300k but only \$200k was allocated. The SM also plans on requesting \$90k for studies of DO in the Margins. Originally \$300k had been requested for this study but only \$150k had been allocated. Finally the SM will also request \$50k for a study of biogeochemistry mapping. Total requests for allocation at the next SC meeting are anticipated to be \$180k.

A discussion ensued as to how projects were budgeted; on a FY basis with remaining funds returned to the funding pot of available funds or on a project basis wherein funds were committed to be spent regardless of any schedule slippage.

It was agreed that this needs to be clarified. **Action Item:** *add agenda item to the next PS meeting to discuss project funding allocations. The SM and David W. to work together to make presentation at next meeting.*

3. **Proposal for near term and long term support of SC** – the need for program coordination and facilitation support for both the PS and the SC was discussed. A graphic was distributed which depicted functional areas (i.e. Strategic, Financial, Technical and Administrative) where the PS and SC needed assistance and near term vs. longer near activities (See Attachment B). A discussion followed on what was meant by the need for activities under the Strategic functional area. It was agreed that at some point there was a strong need for program coordination support, apart from the on-going science program management. In addition there was an on-going need for facilitation services. A second graphic was distributed that depicted the SFEI staffing needs as well as the relationship between Science Program and overall Program Management (See Attachment C).

In order to move forward with securing the needed assistance the three following options were proposed:

- a. SFEI continues to provide Science Program Management and CCP could provide both Program Coordination and Facilitation support
- b. SFEI continues to provide Science Program Management plus Program Coordination and Facilitation.
- c. SFEI continues to provide Science Program Management and a Request for Proposal is made to solicit interest in providing Program Coordination and/or Facilitation.

After discussion, the sense was to go with Option c. **Action Item:** *David W. will draft a RFP for Facilitation and Coordination services to be reviewed at the next PS.*

iii. Scheduling

1. **Review future meeting schedules** – the future meeting schedule was discussed. Due to complications with scheduled future meetings of the PS, the schedule will be re-confirmed **Action Item: Confirm future PS meeting schedule**

5. Planning for upcoming Steering Committee meetings

- i. **Draft Agenda for SC Meeting No. 4** – a draft agenda for the next SC meeting scheduled for February 9, 2015 was presented (see Attachment D). The need for developing standard agenda items for the SC meetings was discussed.

Action Item: At the next SC meeting a mention should be made of the RFP for program Coordination to see the reaction of the SC members. Ian will review past PS meetings minutes in order to provide an update to the SC members.

6. Other Updates

- i. **Proposed annual timeline for authorizing funds** - time did not allow engaging in a discussion on this item. It will be held over to the next PS meeting.
- ii. A brief discussion ensued on what opportunities are available to stakeholders to weigh-in on a project level or issue basis (e.g. the DO in the margins of the LSB) other than the SAG or the NTW?

Another topic raised is what happens if the SM leaves?

7. Planning the next Subcommittee meeting

- i. **Review of Action items** – deferred due to timing constraints
- ii. **Next steps** – deferred due to timing constraints
- iii. **Next Meeting Date** – to be confirmed by Ian

8. Adjournment: the meeting was adjourned at 3:50 pm

MERCURY/PCB RISK REDUCTION OPPORTUNITIES UPDATE

February 20, 2015 BACWA Board meeting

BACWA Lead: Lorien Fono

SUMMARY

The 2013 Mercury/PCB watershed permit requires participation in risk reduction programs as follows:

Dischargers shall continue to implement and participate in programs to reduce mercury and PCB-related risks to humans from consumption of San Francisco Bay/Delta fish. This requirement may be satisfied by a combination of related efforts through the Regional Monitoring Program or other similar collaborative efforts. Dischargers shall describe the progress of their efforts in the Annual Self-Monitoring Report. Alternatively, the Bay Area Clean Water Agencies (BACWA) may fulfill the annual reporting requirement by providing a summary of annual risk reduction program efforts for agencies that choose to participate through BACWA.

On October 2, 2014, the Regional Water Board sent Hg/PCB Watershed permittees a letter requesting that they submit a proposal on how they intend to comply with the permits risk reduction provision. On November 21, 2014, BACWA responded with a letter outlining three alternatives, which were, briefly:

1. Collaborate with BASMAA on risk reduction pilot projects;
2. Work with ASC/SFEI to develop a structure and steering committee under which risk reduction activities would be managed; or
3. Directly fund community-based organizations (CBOs) that were funded under the project from the previous permit term.

BACWA committed to contributing \$50K for the permit term.

In January 2015, Jan O'Hara from the Regional Water Board contacted Lorien Fono, BACWA Regulatory Program Manager. She stated that while in the long term, the Regional Water Board prefers option 2, in the short term they would prefer that the permittees proceed with option 3. She suggested that BACWA reach out to the four CBOs that were funded as part of the previous permit effort with an offer to fund their projects. The Regional Water Board will require an annual meeting with the permittees and funded CBOs to monitor progress.

If the BACWA Board elects to proceed with this request, in order to move forward with a risk reduction request for proposals, the following questions should be addressed:

1. Using what criteria will BACWA select a proposal? Should the Regional Water Board be invited to weigh in?
2. Will the \$50K be granted to a single CBO or split amongst multiple CBOs?
3. Will the \$50K be disbursed over the remaining 3 permit years or in a lump sum?

Once BACWA has decided on a path forward, Jan O'Hara requests verbal confirmation of next steps and a timeline to move the project forward.

SUPPORTING MATERIAL

The documents related to the CDPH's risk reduction report from the previous permit are viewable here:

<https://bacwa.box.com/s/hurlfsb4c6eezlpjnhvx>

The Regional Water Board's BACWA's letter requesting that permittees develop a plan to address the risk reduction requirement, October 2, 2014: <https://bacwa.box.com/s/9gqkpowry32d4r123fozkgw623w71jbf>

BACWA's response to the Regional Water Board's Request, November 21, 2014:

<http://bacwa.org/Portals/0/ExecutiveBoard/Library/BACWA%20Risk%20Management%20Comment%20Letter%2011-21-14.pdf>

DRAFT



Executive Board Special Meeting Agenda

SF Bay Regional Water Board / BACWA Executive
Board
Joint Meeting

February/March, 2015

SF Bay Water Board, 1515 Clay Street, St. 1400 Oakland, CA

ROLL CALL AND INTRODUCTIONS

PUBLIC COMMENT

DISCUSSION/OTHER BUSINESS

1. Nutrients
 - a. Nutrient Science Plan
 - b. Optimization/Upgrade Studies
2. Toxicity testing – numeric limits in permits
3. Recycled Water Permitting – 96-011 vs. 2014-0090
4. Risk Reduction Update
5. SSO Enforcement Options
6. Joint Meetings with WB
 - a. Pardee Technical Seminar
 - b. Mid-Year Coordination Meeting – Local venue
7. Other Misc Items with Minor Updates (note: may not get to these)
 - a. State CECs Phase 2 Study
 - b. Selenium Update
 - c. State Bacterial Objectives Scoping Document

ADJOURNMENT



**2015 BACWA EXECUTIVE BOARD
REGULAR MONTHLY MEETING SCHEDULE**





DATE	TIME	LOCATION
January 30, 2015 <i>(Annual Member Meeting – no regular Board meeting in January)</i>	8:30 – 3:00	California Regional Water Board Auditorium 1515 Clay Street, Oakland, CA
February 20, 2015	9:00 – 12:30	SFPUC
March 20, 2015	9:00 – 12:30	EBMUD Lab Library
April 17, 2015	9:00 – 12:30	SFPUC
May 15, 2015	9:00 – 12:30	EBMUD Lab Library
June 19, 2015	9:00 – 12:30	SFPUC
July 17, 2015	9:00 – 12:30	EBMUD Lab Library
August 14, 2015	9:00 – 12:30	SFPUC
September 18, 2015	9:00 – 12:30	EBMUD Lab Library
October 21 – 23, 2015 <i>(Pardee Tech Seminar)</i>	TBD	EBMUD Pardee Facility
November 20, 2015	9:00 – 12:30	SFPUC
December 18, 2015 <i>(Holiday Lunch)</i>	9:00 – 2:00	EBMUD Lab Library

Special Board Meetings to be scheduled in 2015:

Joint BACWA/San Francisco Bay Regional Water Board meetings will be scheduled for February, April, June, August, October, and December.

Revised: January 6, 2015

Calendar for October 2015 (United States)

October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
Phases of the moon: 4:  12:  20:  27: 						
Holidays and Observances: 12: Columbus Day (Most regions), 31: Halloween						

Calendar generated on www.timeanddate.com/calendar

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Alexandria, VA

January 8, 2015

David R. Williams
Executive Directory
Bay Area Clean Water Agencies (BACWA)
PO Box 24055, MS 59
Oakland, CA 94623

Sent via email to dwilliams@bacwa.org

Dear David:

Thank you for BACWA's interest in cooperating with the Water Environment Federation (WEF) on the Nutrient Symposium 2015.

We look forward to partnering with your organization to successfully engage a broad range of practitioners in this more hands-on focused event. We recognize BACWA's interest in this arena and we are requesting your support for this event. We propose the following responsibilities for WEF and BACWA.

WEF will be responsible for the following items related to the symposium:

- Coordinate and manage all activities related to the technical program;
- Manage all logistics and registration for the event;
- Manage and coordinate event promotion;
- Provide staff for onsite coordination of the programs, logistics and registration;
- Sign all contracts, pay all associated bills, and bear the financial risk for the event;
- Include the logo/and or name of BACWA in the conference brochure, conference onsite program, the conference webpage, and other appropriate marketing material as a "cooperating organization;"
- Provide space to display BACWA promotional information; and
- Provide one (1) complimentary registration the symposium for BACWA to use for a representative or attendee of choice (not including BACWA Staff).

The following services will be offered in-kind by BACWA for the Nutrient Symposium 2015. BACWA will have no financial role in this symposium and will not receive any income from the event nor be liable for any losses in the event that these should be incurred. BACWA will be responsible for the following items related to the event:

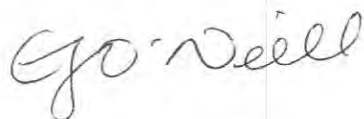
- Assist in the dissemination of information about the event (e.g. brochures, registration deadlines) through BACWA members and other contacts via electronic outreach, publications, committees, meetings, and other appropriate vehicles;
- Establish and publicize links on the BACWA website to the symposium web site (www.wef.org/Nutrient).
- Provide WEF with an .eps or similar high-resolution logo to use in promotional materials.

In addition to the items listed above, WEF would like to invite a BACWA representative to participate in the symposium program or steering committees. If interested, please provide WEF staff with name(s) of individuals to be added to the committee roster.

If you are in agreement with the responsibilities listed above, please sign this letter below and return to Renee Kayal, WEF Program Director, Education & Training. Ms. Kayal can be contacted at rkayal@wef.org or 703-684-2473 if you have further questions.

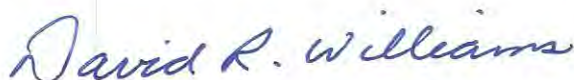
Thank you again for your interest in collaborating with WEF on the symposium. I look forward to a mutually successful collaboration.

Sincerely yours,
WATER ENVIRONMENT FEDERATION



Eileen J. O'Neill, Ph.D.
Executive Director

Signature:



David R. Williams, Executive Director, Bay Area Clean Water Agencies