

## Report to BACWA Board from AIR Committee (July 2011)

<b>Document Control</b>	Prepared by Divya Bhargava (Project Engineer) Reviewed by Randy Schmidt (Committee Chair)
<b>Committee Request for Board Action</b>	None at this time.
<b>Committee Agenda Items</b>	None at this time.

### Recent Committee Actions:

<b>Recent Committee Actions</b>	<ul style="list-style-type: none"> <li>• Committee Meeting was held on July 20, 2011 at SFPUC's Oceanside Wastewater Treatment Plant Site</li> <li>• The meeting included our standard regulatory presentation, followed by a presentation and tour of SFPUC's FOG and bio-energy/fuels renewable programs</li> <li>• Our meeting included a presentation by AIR Chair Randy Schmidt on CARB's proposed updates for the Cap &amp; Trade program and Mandatory Reporting</li> <li>• We also discussed SF BCDC's Bay Plan Amendments and how it could potentially impact the POTW's</li> <li>• It was decided that a group meeting will be scheduled with BAAQMD regarding compliance challenges with Regulation 9 Rule 7 (for boilers, steam generators, and process heaters). Before that Randy Schmidt will draft a letter from the BACWA AIR Committee to Brian Bateman (BAAQMD Engineering Director)</li> <li>• We also discussed the proposed AB 752 bill regarding planning for sea level rise and the potential requirement for potentially impacted special districts and cities that administer state-granted coastal public lands to develop a plan that addresses mitigation for sea level rise impacts to infrastructure and habitat protection. Bill's status: in committee; first hearing date TBD.</li> <li>• During the second half our meeting, there was an interesting presentation and tour by Karri Ving and Natalie Sierra of SFPUC, which showed how they convert FOG from restaurants &amp; households into biodiesel using a patented technology.</li> </ul> <p>Air Committee will continue to track air quality regulations in FY 2011/12 through the following means and continue to collaborate with the CWCCG regarding climate change regulations and activities.</p> <ul style="list-style-type: none"> <li>• Quarterly meetings: <ul style="list-style-type: none"> <li>- The next BACWA AIR meeting is scheduled for Wednesday, October 19th, 2011. CCCSD is reviewing the possibility of hosting the meeting at their site, otherwise the meeting will be held at the CH2M HILL offices in Oakland.</li> <li>- The first quarterly meeting of 2012 is scheduled to be conducted at the San Jose/Santa Clara Water Pollution Control Plant</li> </ul> </li> <li>• Newsletter(s): We would continue to prepare the BACWA AIR newsletter annually</li> <li>• Website: We would continue to keep the website updated with the current issues</li> <li>• AIR Issues Matrix: We will keep updating the AIR Matrix regularly to incorporate any new issues and to keep members up to date with the current issues</li> </ul>
<b>AIR Website</b>	<a href="http://bacwa.org/Committees/AirIssuesRegulations.aspx">http://bacwa.org/Committees/AirIssuesRegulations.aspx</a>

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Next AIR  
Committee  
Meeting:

Wednesday, October 19, 2011  
Venue: TBD  
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# **BAPPG Committee Report to BACWA Board**

Meeting Date: July 28, 2011  
Prepared By: Sarah Scheidt, City of Sunnyvale  
BAPPG Committee Chair

## **Project Updates**

<b>Project</b>	<b>Update</b>	<b>Completion Date</b>
P2 Week Posters	BAPPG's P2 poster will be based off an EBMUD billboard. The final poster will be finalized in late July.	September 2011
Copper	BAPPG's consultant presented at five outreach / educational events for Outreach to Bay Area Plumber Unions and Community College Plumbing Programs. BAPPG will develop a factsheet on copper algaecides used in pools, spas, and fountains.	July 2011 August 2011
Mercury Outreach	Outreach to community colleges project complete, 12 educational events to dental staff training programs occurred.	July 2011
Regional Bay Protection & Behavior Change Campaign	Meeting July 18 <sup>th</sup> discussing how to develop the regional brand – using a consultant or engaging the public in the brand development through a contest. Also discussing funding, and seeking agency commitments for Steering Committee and Working Group participation.	July 2011 - ongoing
Chinook Book Ads	The Chinook Book is an annual green coupon book published in two editions: one for the South Bay and one for the East Bay. BAPPG insert an add focusing on avoiding a clog disaster (see attached). The coupons last a year, providing numerous opportunities for users to see our ad. The new books will be released in the fall, but ads are purchased and placed in the spring.	Fall 2011
General P2	BAPPG is collecting agency information to submit to the Regional Board for consideration of the Dr. Teng Chung Wu Pollution Prevention Award.	August 2011

## **Next BAPPG Meeting**

August 3, 2011, 10am – 12 pm, 1515 Clay Street, Oakland, CA, Second Floor, Room 12

# **Collection Systems Committee Report to BACWA Board**

July 21, 2011

From: Andy Morrison, Committee Chair

Prepared By: Andy Eggleston

## **Committee Request for Board Action:**

None.

### **Highlights of New Items Discussed and Action Items**

#### **USEPA Stakeholder Process for Federal SSO Rule**

The USEPA held a one-and-a-half day workshop in Washington, DC on July 14 and July 15 to solicit stakeholder input on the potential development of a Federal rule to regulate Sanitary Sewer Overflows (SSOs) and to address peak wet-weather issues. There was some overlap in the issues raised during this workshop and those that have been discussed as part of the State-wide Sanitary Sewer System Waste Discharge Requirements (SSS WDR) development and revision processes. Common issues include: a zero-SSO goal and why this is not realistic, how to appropriately address de minimus spill volumes, and if and how NPDES permits should regulate collection systems operations and maintenance activities.

#### **Status of CIWQS Data Quality Review Committee**

State Water Board staff has asked for volunteers from BACWA and the Central Valley Clean Water Association (CVCWA) to assist them in preparing a new Discharger's Guide for the SSO section of CIWQS. The project presents a new opportunity to incorporate collection system agency perspective and experience into the State Water Board's SSO Reduction Program. The first meeting with volunteers from CVCWA's collection system committee is planned for September. Several people have volunteered to participate on BACWA's behalf.

Separately, CIWQS now includes a new reporting tool that produces a report of SSO data for similarly-typed systems around the state. This tool is currently available for legally-responsible officials (LROs), and it is expected to be made public in the near future. It was suggested that LROs check reports for their agency before the tool is made public.

#### **Changes to State-wide SSS WDR**

The State Water Board received over 1,100 individual comments on the proposed revisions to the SSS WDR. Recent communications with State Water Board staff indicate that responses to these comments, as well as a second draft of the proposed revisions, will likely be available by mid-September. A workshop has been scheduled for November, and staff expects that the WDR will be included in an adoption hearing in January. The State Water Board is expected to post an official schedule of activities related to the SSS WDR revision process on the program's website during the week of July 25.

#### **Discussion of Computerized Maintenance Management System**

Members of the Committee shared information about the Computerized Maintenance Management Systems (CMMS) they are using. We will be following up with a more detailed survey to capture details such as: versions of software being used, pros and cons of functionality, cost, integration with GIS software or other systems, inter-departmental coordination, staffing requirements, and applicability to program management decisions. Results of the survey may be used to facilitate inter-agency information sharing and problem-solving related to CMMS.

#### **Next BACWA Collection Systems Committee Meeting**

The next committee meeting is scheduled for Thursday, September 8, 2011 at the Boy Scouts facility in San Leandro.

# Lab Committee – Report to BACWA Board

Reporting Date: July 21, 2011  
Executive Board Meeting Date: July 28, 2011  
Prepared By: Kenneth Lee, Committee Chair

## Committee Request for Board Action:

None

## Business Discussed and Action Items:

Business	Action Item
PCB Congener Data Submittal request by Executive Director	BACWA Executive Director has requested the PCB congener data from the first sampling round to be submitted for analysis. Data from samples submitted to EBMUD for EPA 1668C analysis by BACWA members will be coordinated and provided by EBMUD.
CIWQS PET Tool Update v2.4	Permittee Entry Template (PET) Tool Version 2.4 was released mid June. It was an optional upgrade; 254 new parameters were added including the 209 PCB Congeners. Initial assessment indicated that the new tool would not allow successfully data entry for PCB Congeners due to inadequate data qualifiers, specifically data qualifiers for coeluted PCB congeners. BAWCA members should upload Method 1668C lab result as a PDF attachment through eSMR for dischargers using CIWQS (as specified in Region 2's 5/17/2011 letter). For dischargers submitting paper reports, a photocopy of the Method 1668C lab report is sufficient.

# Permits Committee – Report to BACWA Board

Reporting Date: 7/12/11  
Executive Board Meeting Date: 7/28/2011  
Committee Chair: Jim Ervin

## Committee Request for Board Action: None.

### Upcoming Permits/Permit Amendments –

July – USS-POSCO Industries, American Canyon  
Sept – Hayward Marsh (USD & EBDA)

### BACWA Comments on recent permits:

1. Chevron Inc: BACWA (Amy) submitted comment on the Tentative Order for Chevron, Inc. Richmond Refinery. The TO used the California Toxics Rule as a basis to calculate copper limits instead of accepting limits calculated using a Water Quality Based Effluent Limit (WQBEL) based on the Copper Site Specific Objectives (SSOs) that were approved by Water Board in 2007. BACWA pointed out that monitoring findings that led to development of the copper SSOs and metals translators qualifies as new information and an exemption to anti-backsliding requirements in accordance with CWA section 402(o)(2)(b). In response to BACWA and Chevron comments, Water Board changed the TO copper limits.
2. American Canyon: The most recent Water Board response to comments for American Canyon permit reissuance included an added requirement as a staff change that discharger evaluate “concentration of all priority pollutants that were detected above or within one order of magnitude of the applicable water quality criteria.” A similar non-substantive administrative change had been added to MRP language earlier in 2011 but not noticed by dischargers. These changes add requirements on dischargers and the basis for evaluating pollutants within an order of magnitude of criteria is questionable. There could also be problems with evaluation of PCBs and Dioxins against criteria. For these reasons Amy will propose an August meeting with Water Board staff to discuss.

**PCBs TMDL:** The latest update of the PET tool now allows reporting of PCBs congeners electronically via eSMR. However, BACWA reminded dischargers that, per agreement by Water Board staff, dischargers will continue to report PCBs 1668 results by attaching a pdf copy of lab results to the routine eSMR report through 2011.

Amy requested that dischargers send spreadsheets of PCBs 1668 results so she can pass to EBMUD to assess how everyone should report congener data when it comes time to report directly to eSMR.

**eSMR:** The second group of agencies will submit eSMR reports (for the reporting month of June) by end of July .

- An eSMR User Group holds monthly web-based meetings to discuss technical problems. So far, Region 2 dischargers have had only minor technical problems. eSMR reporting seems to be going fine.
- The loss of ERS presents two issues for BACWA: 1) how to maintain access to ERS 10 to 15-year historical pollutant data, and 2) how to continue to populate on-going pollutant data from dischargers. The simplest short-term solution is to continue to maintain the ERS data base at some location. SFEI is a logical candidate that could provide the hardware and some staff support for database management. The data is of great value for environmental management decisions regarding POTWs, but how could BACWA fund this and is SFEI the right organization to maintain it? Tom Hall agreed to provide some ideas and specs concerning used of data.

**WET (Toxicity) Policy:** BACWA representatives, Jim Ervin, Margaret Orr, and Laura Pagano, and Dr. Dan Gallagher met with State Water Resources Control Board staff and Dr. Debra Denton on 7 July. (This was a follow-up from a meeting with Board members on 18 April.) Much of the discussion focused on the statistical error rate using the TST method of evaluation and real world impact of the current proposed State-wide Toxicity Policy.

- State Board staff will hold a public workshop on 8 August 2011 (not yet announced).
- Staff is aiming to present a revised Toxicity Policy to the Board during the December meeting and hopes to have adoption of the policy in early 2012.
- Staff requested that the BACWA members return to Sacramento in August or September to discuss exactly why the IC25 method is as good as or better than TST – then they may include IC25 as an option in the final policy. BACWA Permits committee members feel that Phil Markel (LACSD) and Scott Ogle or Steven Clark (PERL labs) would be good experts to bring into this discussion.

**Federal Dental Amalgam Standards:** BACWA commented to EPA on 17 June about the new standards. Monica Oakley drafted a letter that BACWA will recommend be signed by Water Board opposing the proposed standard as the regulating agency that oversees existing dental amalgam source control efforts and also a Mercury TMDL implemented via a Mercury Watershed Permit that never identified Dental Amalgam control as a significant means to reduce mercury in the Bay. This was discussed with Lila Tang at last permits meeting.

**Numeric Nutrient Endpoint:** An RMP nutrient outreach education meeting was held on 29 June.

**Next BACWA Permits Committee Meeting:** Tuesday, August 9th, 2011, at EBMUD Plant Library.

# Recycled Water Committee

## Report to BACWA Board

July 21, 2011

Prepared By: Cheryl Muñoz  
Committee Chair

### Committee Requests for Board Action:

None.

### Business Discussed and Action Items:

Business	Discussion
<b>BAIRWMP Updates</b>	<u>BAIRWMP Updates</u> <ul style="list-style-type: none"> <li>Planning Grant <ul style="list-style-type: none"> <li>The State budget has been signed; \$600k has been awarded to MMWD to update the BAIRWMP. The Request for Proposals for consultant services will be released in the next few weeks.</li> <li>Linda Hu (EBMUD), Amy Chastain (BACWA), and Cheryl Muñoz (SFPUC) will work as a team representing BACWA and be involved in planning activities.</li> </ul> </li> <li>Implementation Grant <ul style="list-style-type: none"> <li>The participating agencies should receive final grant award letters in August.</li> <li>When final award letters are received, participants will need to update their project work plans, schedules and budgets from the original requests back in January.</li> <li>Contribution amounts were proposed for administrative, legal and BACWA costs associated with the Prop 84 IRWM grant for agencies to review. The gradation is finer than 2010 proposal stage (5 tiers vs. 2 tiers) to keep agencies in all five program areas within 1% of their grant amounts. Participants will be emailed information, followed-up by phone calls.</li> </ul> </li> </ul>
<b>Legislative/Regulatory Updates</b>	<u>Title XVI update</u> <ul style="list-style-type: none"> <li>The Bay Area Coalition is seeking another authorization and has sent a letter to Congress.</li> <li>Coalition is working with USBR on funds for feasibility projects.</li> </ul> <u>CA Recycled Water Legislative/Regulatory Update</u> <ul style="list-style-type: none"> <li>Nothing to report this month.</li> </ul>
<b>FY 10-11 Committee Projects</b>	<u>BACWA Agencies Recycled Water Use and Uses Assessments</u> <ul style="list-style-type: none"> <li>Spreadsheet Survey <ul style="list-style-type: none"> <li>The Committee members that they would like the time frame to be calendar year to match data prepared for State reporting purposes. They indicated that they would not be able to have FY10-11 information available until the fall – another reason why calendar year would work better.</li> <li>An “instruction” sheet accompany the spreadsheet so there won’t be any confusion regarding what information is being requested and</li> </ul> </li> </ul>



	<p>how to report it.</p> <ul style="list-style-type: none"> <li>• General discussion on the Spreadsheet and questionnaire <ul style="list-style-type: none"> <li>○ When the information has been compiled from the survey and the questionnaire, the Committee will work with San Francisco Regional Board staff to prepare a presentation for the Region 2 Board.</li> <li>○ Discussions and recycled water data review for the preparation of the "State of the Estuary" report with the Bay Institute staff conference has been completed. The report should be out next month.</li> </ul> </li> </ul> <p><u>Recycled Water Irrigation Guide</u></p> <ul style="list-style-type: none"> <li>• The Committee is waiting for a contract to be executed with the WaterReuse Foundation, one of the project partners to begin work.</li> </ul> <p><u>Regional Recycled Water Outreach</u></p> <ul style="list-style-type: none"> <li>• Eric Rosenblum from Envirospectives, Inc. proposed that the BACWA agencies consider participation in a regional recycled water outreach program.</li> <li>• The City of San Jose has \$300,000 for regional outreach included in their Prop. 84 project funding. USBR and the WaterReuse Foundation are potential partners in a regional outreach effort.</li> <li>• The outreach effort would: 1) identify target audiences; 2) identify demographics; 3) a profile audience; 4) develop messages; and 5) would include social educators in the area.</li> <li>• The research component can be completed for \$300,000, but if the project goes forward on a regional level, implementation could be around \$1M and additional sponsors for in-kind services would be sought.</li> </ul>
<b>Other Items</b>	<p><u>DWR Commercial Industrial Institutional (CII) Task Force</u></p> <ul style="list-style-type: none"> <li>• The CII Task Force is part of the 20x2020 legislation. A report will be prepared for the legislature on Best Management Practices (BMPs) for CII customers that will include recycled water BMPs.</li> <li>• Once a draft is put out, there will be a very quick review period of one to two weeks. The Committee may want to review the draft.</li> </ul>
<b>Next RW Committee Meeting</b>	<p>Wednesday, August 3, 2011 from 10:00 am to 12:00 pm EBMUD Headquarters, 4<sup>th</sup> Floor Conference Rooms A/B</p>