



BACWA Annual Members Meeting

Permits Committee: Addressing Pollutants in a Watershed Context

Monica Oakley,
In cooperation with Jim Ervin, City of San Jose

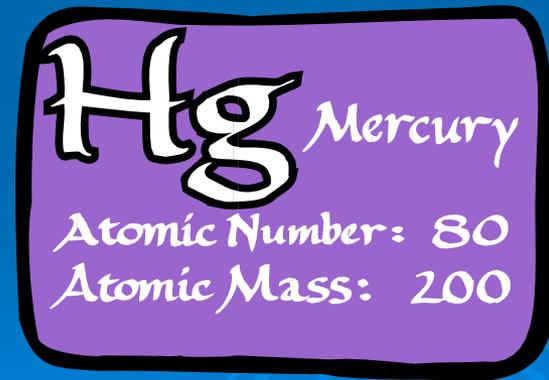
January 28, 2010

Pollutants of Interest to POTWs

- Mercury
 - Dioxin
 - PCBs
 - Copper
 - Cyanide
- 
- The background of the slide features several concentric, light blue circular ripples that resemble water droplets or raindrops, scattered across the lower half of the frame.

Mercury

- Mercury TMDL approved by USEPA on February 12, 2008
- Mercury Watershed Permit became effective on March 1, 2008
- POTW activities:
 - Annual mercury reporting
 - Source control program
 - Risk reduction program
 - Special studies progress reports

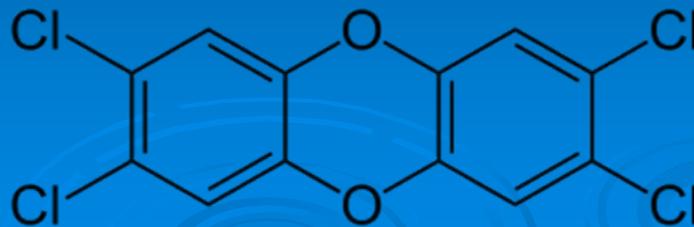


2009 BACWA Group Reporting

- Forms for 2009 data emailed to Bay Area POTWs on December 1, 2009 and January 19, 2010 (same)
- Completed forms due to Oakley Water by Friday, February 12, 2010
- Remember to submit a signed signature page (PDF is ok)
- Remember to indicate in annual report your intent to participate in the group
- New information for 2009:
 - Report all 12 months (including Jan and Feb)
 - See Instructions document for new tips on reporting multiple data points in one month
 - Two-part form for source control information – just check the boxes on the new part (3B) – it's easy

Dioxins and Furans

- Dioxins and furans are on the 303(d) list for San Francisco Bay. TMDL still to be developed.
- Dioxins and furans are the by-products of combustion activities and various industrial processes
- Dioxins and furans are not often detected in POTW effluent
- New approach to compliance for final effluent limits is scheduled to be adopted in February 2010.



PCBs

Common Source:
Transformers



PCBs were
banned in
1979.

- Regional Water Board approved TMDL on February 13, 2008
- State Water Board approved TMDL on October 20, 2009
- Awaiting USEPA Region 9 approval
- Implementation: question of whether individual permits or one watershed permit

Copper

- Site-specific objectives approved by USEPA on January 9, 2009 - protective of human health and aquatic life in Bay
- New Copper Action Plan in Permits:
 - Review Potential Copper Sources
 - Implement Copper Control Program
 - Implement Additional Measures if Bay concentrations exceed trigger
 - Conduct Studies to Reduce Copper Impact Uncertainties
 - Report on Status of Copper Control Program



Cyanide

Cyanide
Action
Plan

- Site-specific objectives approved by USEPA on July 22, 2008 - protective of human health and aquatic life in SF Bay
- New Cyanide Action Plan in Permits:
 - Review Potential Cyanide Contributors
 - Implement Cyanide Control Program
 - Report on Status of Cyanide Control Program

Questions?

