



BACWA - BAAQMD Workshop Summary: Impact of Proposed Rule 11-18 on Bay Area Wastewater Treatment Facilities

Date: March 23, 2017
Time: 2 - 3 PM
Location: BAAQMD Office - 375 Beale Street, San Francisco, CA 94105
Attendees: Jack Broadbent (Executive Officer), Jaime Williams, and Eric Stevenson (BAAQMD); Dave Williams and Lorien Fono (BACWA); Laura Pagano and Nohemy Revilla (SFPUC); Alicia Chakrabarti (EBMUD); Lori Schectel, Randy Schmidt, and Rita Cheng (CCCSD); Courtney Mizutani (Mizutani Environmental), Sarah Deslauriers (Carollo)
Via phone conference: Ken Davies and Jason Nettleton (San Jose), Stephanie Smallwood (Sunnyvale), and Amanda Roa (Delta Diablo)

- 1) BACWA was introduced as representing 46 Publicly Owned Treatment Works (POTW) member agencies across the Bay Area. All are public agencies dedicated to protecting public health and the environment.
- 2) Discussed that the BAAQMD database emissions factors do not reflect current POTW influent concentrations or influent flow. BACWA recommended POTWs provide current information to BAAQMD in order to develop more accurate estimates of emissions. BAAQMD offered to push facilities currently in Phase 1, into Phase 2 of the implementation schedule, to provide enough time to update the emission factors for POTWs and ensure accuracy. BACWA will work and meet directly with BAAQMD staff to do so (to begin the updates for facilities that are currently assigned to Phase 1 first). BACWA offered to develop a proposal over the next two months in support of working together with BAAQMD staff to update the emission factors for toxic air contaminants (TACs) from POTW sources, to also address the approach for sampling sources and the overall timeline for the effort. BAAQMD staff will develop and deliver a letter to BACWA documenting this agreement to update the model inputs and build into the implementation schedule the opportunity to work collaboratively to update emissions factors.
- 3) Cost impacts to ratepayers were discussed, as well as timing of implementation. BAAQMD staff recognized that as public agencies, POTWs are responsible to public boards and ratepayers, and that cost-effectiveness of TBARCT implementation must be considered. SFPUC described their 30-year Master Planning process and their status for implementation of the resulting capital improvement program. The cost-effectiveness of TBARCT implementation is a key concern since POTWs expend public funds and must satisfy multiple regulatory responsibilities. BAAQMD staff offered to consider cost-effectiveness of TBARCT by allowing additional time for implementation to accommodate public funding considerations to cover costs associated with the proposed rule.

- 4) With respect to greenhouse gas emission reduction targets, BAAQMD staff acknowledged the goals of AB 32 and the BAAQMD Draft 2017 Clean Air Plan, and noted BAAQMD supports renewable methane production, but does not want to increase risk from TACs. BAAQMD recognizes that identifying the risk associated with the different sources is important. BAAQMD staff acknowledged the need to reconcile these competing goals and to that end, that BACWA should provide more information to assist staff in determining how to incorporate flexibility into the proposed rule.
- 5) BAAQMD staff noted there needs to be recognition that while risk might be above acceptable levels, public agencies need enough time to respond to the regulation.
- 6) Rule 11-18 may be brought to the Board for consideration in July (rather than May) to accommodate the adoption of Rule 12-16.
- 7) Summary of **priority action items**:
 - a) BAAQMD to deliver a letter to BACWA indicating that Phase 1 POTWs will move to Phase 2 implementation, to allow for BACWA to develop a proposal and work with BAAQMD staff on efforts to update/develop emission factors for targeted POTW sources, as well as update the influent flow and concentration information for the POTWs currently assigned to Phase 1 POTWs as a first measure of updating their emissions calculations.
 - b) BACWA will provide a letter report to BAAQMD providing information on the POTW master planning process and the frequency of updates to those planning efforts, addressing regulatory considerations, cross media issues, rate payer impacts, Prop 218 considerations, CIP implementation schedule development and transparency, and the POTW Board process.
 - c) BAAQMD staff and BACWA members will meet within the next two months to discuss detailed issues/data related to Rule 11-18, including HRA modeling, identifying sources which may pose the highest risk, and appropriate TBARCT.