

Operations and Maintenance Infoshare Group Report to BACWA Board

Committee Meeting on: 01/23/19
Executive Board Meeting Date: 2/15/19
Committee Chairs: Kevin Dickison and Joaquin
Gonzales

Committee Request for Board Action: None

14 attendees representing 7 member agencies

Highlights of New Items Discussed and Action Items

Chlorine Residual Permitting update

Tom Hall of EOA gave an [update](#) on his efforts to address chlorine residual permitting, and discussed the following:

- POTW specific examples of chlorine (disinfection) dosing (30 vs 35 CFU/100 mL enterococcus limits) and bisulfite (dechlorination) dosing (overdosing) strategies.
- How to calculate 1-hour average effluent concentrations from continuous monitoring SCADA data and how to handle NDs in the calculations.
- Relative benefits of 0.1 vs 0.2 vs 0.3 mg/L RL if WQBELs aren't allowed (i.e. for shallow water dischargers).

After the completion of this effort, it will be approximately a year before the new limits are effective in permits.

Round Table Discussion - Equipment Condition Assessment and Asset Management Software

There was a discussion of how to capture knowledge about equipment condition, record it, and score it. Agencies reported using one of the following software packages for asset management:

- Maintenance connection
- Mainsaver
- Maximo
- NEXGEN

Once agency reported cost savings from going from a time-based to a condition-based replacement plant. There was a discussion about the difficulties involved with identifying which assets to track, and how to assign costs to them. Some agencies have retained consultant help, but consultants often have different opinions on costs and asset condition.

Next Meeting: tbd