

Pyrethroid water column data converted to acute and chronic Criteria Normalized Concentration Units (CNCU) using the Regional Board's proposed **5th-percentile** acute (top) and chronic (bottom) pyrethroid criteria. Pyrethroid water column concentrations were converted to the bioavailable fraction using default partitioning coefficients for ambient water and POTWs. Corresponding acute mortality data from 96-hour bioassays with *Hyallorella azteca* is also shown (significant toxicity – Yes (cross) / No (circle), as well as percent (%) mortality relative to the lab water control). Data is from Weston and Lydy, as provided in Appendix C of the October 2015 Draft Pyrethroid BPA & TMDL Staff Report, and POTW data for the City of Vacaville (RBI 2012). Partitioning coefficients were from the October 2015 Draft Pyrethroid BPA & TMDL Staff Report.

