

BOD₅/CBOD₅ –DO Meter Drift Check Policy

(NC WW/GW LCB 08/06/2021)

Immediately after calibration, measure the DO of a BOD bottle of dilution water. Stopper the bottle. Document the concentration on the benchsheet (day one initial drift check). At the end of the sample set (i.e., a group of samples analyzed without interruption) reanalyze the drift check bottle and document the concentration (day one final drift check). If the meter drifts more than 0.2 mg/L, recalibrate the meter and reanalyze all samples since the last acceptable drift check. If additional samples are analyzed later the same day, begin the set with a drift check and compare to the initial drift check value. If the drift check fails, recalibrate prior to starting the additional sample set and begin new drift checks for that set. Repeat process on Day 5.