H. Chlorine dioxide (section 6) (DWA-60-2019-6)

**Motion:** Ballot the addition of chlorine dioxide to Table 6.2 as proposed. S. Randall motioned; T. Palkon seconded.

**Discussion:** S. Randall reported that manufacturers have asked NSF to certify chlorine dioxide itself. It is evaluated under NSF/ANSI/CAN 60, Section 6, but is not listed in the Tables therein, and does not have an established TUL. S. Randall stated that chlorite is a regulated disinfection by-product (DBP) limited to 1 mg/L in drinking water by both US EPA and Health Canada. He reported that that the EPA recommends chlorine dioxide treatment be limited to 1.4 mg/L to control chlorite formation, and Health Canada recommends that it be restricted to 1.2 mg/L. Utilizing the 70% conversion rate from ClO2 to ClO2-, both treatment doses convert to <1.0 mg/L chlorite ion. Per these considerations, S. Randall recommended that chlorine dioxide be added to Table 6.2 with a TUL of 1.4 mg/L and minimum test battery of metals and VOCs.

The question was raised on the reason for the difference between the EPA and Health Canada levels (i.e., 1.4 mg/L and 1.2 mg/L, respectively). F. Lemieux stated that she would have to check. S. Randall noted that the TUL is not going to dictate what a utility would use to treat water but would be used for certification purposes. He added that if this was a SPAC, then the EPA and Health Canada would decide which value they would support going into NSF/ANSI/CAN 600.

**Vote:** All in favor.

**Motion passed.**