AQUATOX 4.0, differences in scientific formula from Release 3.2

* Internal Nutrients update
  + July 2020—Internal nutrients could build up to > 100% of organic matter mass. A change to the code base as of 7/5/2020 adds additional excretion using a fixed equation from Ambrose (2006).

Where 0.09 = the bottom algae cell excretion rate constant at 20°C/day, and

1.07 =the bottom algae excretion temperature coefficient [dimensionless].

Citations:

Ambrose, R. B., Martin, J. L., and Wool, T. A. (2006). *WASP7 Benthic algae: model theory and user’s guide, EPA/600/R-06/106*. US EPA Washington DC.