

Interactive
Comment

Interactive comment on “Assessment of calculation methods for calcium carbonate saturation in drinking water for DIN 38404-10 compliance” by P. J. de Moel et al.

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The authors thank the reviewer for the positive remarks, and his/hers extensive efforts in improving the manuscript.

The work of Plummer and Busenburg (as employees of USGS, the birthplace of PHREEQC and WATEQ) is included in the applied databases phreeqc.dat, stimela.dat, sm2330_2010.dat and wateq4f.dat. As mentioned in the manuscript, the ongoing work within the framework of IUPAC/NIST Solubility Data Series might give more decisive figures on thermodynamic constants related to calcium carbonate saturation.

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The authors support the approach of the latest modification of the reviewed DIN standard, because of its scientific foundation. We hope that our research, this paper and international scientific support will be relevant for future improving updates of current standards and will hopefully result into international unification of standards on calcium carbonate saturation.

The authors will incorporate the technical comments, the suggested term (“widely used”) and the text suggestions in the Supplement of the review in our revised manuscript.

Interactive comment on Drink. Water Eng. Sci. Discuss., 6, 167, 2013.

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