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Interactive comment on “Prospecting for safe (low fluoride) groundwater in the eastern African Rift: a multidisciplinary approach in the Arumeru District (northern Tanzania)” by G. Ghiglieri et al.

Anonymous Referee #2

Received and published: 11 May 2010

General comments The paper very clearly describes the structure of the aquifer system on the basis of the detailed hydrogeological and geophysical investigations carried out in the northern side of Mount Meru, an active volcano in Rift Valley, Tanzania. Groundwater as well as surface waters are locally endangered by high F contents as determined by the authors in water samples collected in 65 springs and a well drilled under their supervision to meet drinking water demand for the Masai population living in the area. The hypothesis put forward in the conclusions on groundwater recharge could have been conveniently supported by a detailed analysis of the hydrochemical data. However, this topic may be the subject of a specific paper to come soon.

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Specific comments The abstract well summarises the content of the paper and references are appropriate. I suggest to shorten the title as follows:

Prospecting for safe (low fluoride) groundwater in the eastern African Rift, Arumeru District (northern Tanzania)

Interactive comment on *Hydrol. Earth Syst. Sci. Discuss.*, 6, 7321, 2009.

HESSD

6, C3565–C3566, 2010

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