

***Interactive comment on “Brief communication:
Extended chronology of the Cordón Caulle
volcanic eruption beyond 2011 reveals toxic
impacts” by Werner Thomas Flueck***

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Received and published: 26 June 2016

Dear Manuela Elissondo,

The leachate analysis actually did find fluoride, Hufner Osuna (2011) for instance reported 0.7 ppm, and Wilson et al. (2012) reported that no results of concern were found based on over 500 surface water analyses. Reports of tephra analysis did not mention fluoride among numerous elements which may be due to the methodology used. The fluoride values mentioned for ashes from the Cordón Caulle eruption averaging 548 ppm (range 491-620 ppm) were initially reported in Europ. J. Wildl. Res. 60:699 (2014) and were based on samples stemming from the following locations: -40 45' 48.28", -71 38' 51.54"; -41 13.928', -71 25.013"; -41 1' 0.95", -71 14' 16.25"; -41

C1

13.936' -71 25.022'; -41 07', -70 44'; -40 13' 39", -70 58' 42"; -41 8' 17", -71 18' 33"

Thanks, Werner Flueck

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-156, 2016.