

Interactive comment on “Mercury air-borne emissions from 5 municipal solid waste landfills in Guiyang and Wuhan, China” by Z. G. Li et al.

Anonymous Referee #2

Received and published: 20 March 2010

General: this is an interesting study of Hg emissions from LF wastes in China, based closely on work done previously in the US. I have only a few specific comments, other than the general suggestion to check for typos and awkward grammar- p.8 lines 1-7, need some clarification as this makes no sense as presented.

p.9 lines 19-21, same comment Sect 3.3.3 and figures- the diel nature of the Hg emissions are apparent; however, it is not clear what causes these trends. In the US studies, the diel trends were almost entirely the result of cessation of activity at the working face at night, and application of so-called daily cover (a soil cover added to reduce waste losses at night). Is this also the practice in China?

p.13, lines 14-17, can the authors include some other estimates of Hg emissions in China for comparison with estimates for LFs?

C738