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## ***Interactive comment on “In situ measurements of speciated atmospheric mercury and the identification of source regions in the Mexico City Metropolitan Area” by A. P. Rutter et al.***

**Anonymous Referee #2**

Received and published: 5 September 2008

This paper reports on a 17-day study of atmospheric mercury concentrations and speciation at a rural and urban site in Mexico City. The study goals were to correlate the concentration plumes that were detected with reported local point sources in order to provide a rationale for mitigation of the point source mercury emissions. The results of the study did establish source regions that contributed to the plumes although specific sources could not be identified. In addition, the contributions from the Popocatepetl Volcano could not be separated from anthropogenic contributions under the study conditions.

The paper was well-organized and written and the figures and tables support the con-

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clusions made

Only two small typos were evident: one on page 13135, line 5 &#8230; to be transported from (not for) the industrial sources&#8230;;, and page 13138, line 25 &#8230;was composed of a large area&#8230;

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Interactive comment on Atmos. Chem. Phys. Discuss., 8, 13125, 2008.

**ACPD**

8, S6737–S6738, 2008

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