

Interactive comment on “Abundance and distribution of gaseous ammonia and particulate ammonium at Delhi (India)” by S. Singh and U. C. Kulshrestha

S. Singh and U. C. Kulshrestha

umeshkulshrestha@yahoo.in

Received and published: 20 February 2012

We sincerely thank the referee for his valuable suggestions. While collecting samples with active sampler in the impingers, some amount of water is evaporated which can be minimized by taking extra precautions and sucking air at very low flow rate, as attempted in this study. In the present work, we could not use the impregnated filters which have high collection efficiency but in future, such filters will be used. We agree with the referee that passive samplers and denuders are better options for ammonia measurements. Hence, our further efforts will include the use of these techniques. We appreciate that referee has taken a note of high concentration of ammonia in Delhi re-

C142

gion which needs to be investigated through dedicated programme having a systematic network of stations.

Interactive comment on Biogeosciences Discuss., 9, 191, 2012.