

## **APPENDIX D: ARTICLES REPORTING THE RESULTS FROM IMPROVE SPECIAL MONITORING STUDIES CONDUCTED SINCE 2000**

[Ashbaugh, L. L., C. E. McDade, W. H. White, P. Wakabayashi, J. L. Collett, Jr., X-Y. Yu \(2004\), Efficiency of IMPROVE network denuders for removing nitric acid, Paper No. 32, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Visibility Specialty Conference, Air & Waste Management Association, Asheville, NC, October 25-29.](#)

Malm, W. C., B. A. Schichtel, R. B. Ames, and K. A. Gebhart (2002), A 10-year spatial and temporal trend of sulfate across the United States, *Journal of Geophysical Research*, 107(D22), 4627, doi:10.1029/2002JD002107.

[National Park Service \(2006\), FY 2005 Annual Performance Report: Government Performance and Results Act \(GPRA\), prepared by Air Resources Division, March.](#)

[Schichtel, B. A., W. C. Malm, and W. H. White \(2004\), Organic and elemental carbon long-term trends and spatial patterns in rural United States.](#)

White, W. H., L. L. Ashbaugh, N. P. Hyslop, and C.E. McDade (2005), Estimating measurement uncertainty in an ambient sulfate trend, *Atmospheric Environment*, 39, 6857–6867.

Yu, X-Y., T. Lee, B. Ayres, S. M. Kreidenweis, J. L. Collett, Jr., and W. C. Malm (2005), particulate nitrate measurement using nylon filters, *Journal of the Air & Waste Management Association*, 55, 1100-1110.

Yu, X-Y., T. Lee, B. Ayres, S. M. Kreidenweis, W. C. Malm, and J. L. Collett, Jr. (2006), Loss of fine particle ammonium from denuded nylon filters, *Atmospheric Environment*, 40, 4797-4807.