

**Errata Sheet****Created 3/4/2009**

for the document titled: Integrated Science Assessment for Sulfur Oxides – Health Criteria, September 2008, Final

| <b>Table or Figure</b> | <b>Page</b> | <b>Erratum</b>   |
|------------------------|-------------|--|
|                        | xxxi        | Replaced citation “U.S. EPA, 1994a” with “ <b>U.S. EPA, 1994c</b> ”  |
|                        | 2-52        | Replaced “...microenvironmental concentration is not less than...” with “...microenvironmental concentration <b>is less than...</b> ”  |
|                        | 2-66        | Replaced citation “U.S. EPA, 1994” with “ <b>U.S. EPA, 1994a</b> ”   |
|                        | 3-1         | Replaced citation “U.S. EPA, 1994a” with “ <b>U.S. EPA, 1994c</b> ”  |
|                        | 3-2         | Replaced citation “U.S. EPA, 1994a” with “ <b>U.S. EPA, 1994c</b> ”  |
|                        | 3-4         | Replaced citation “U.S. EPA, 1994a” with “ <b>U.S. EPA, 1994c</b> ” and removed parentheses from “(Descriptions of older studies...detail in this document.)”  |
|                        | 3-6         | Replaced citation “U.S. EPA, 1994a” with “ <b>U.S. EPA, 1994c</b> ”  |
| Figure 3-5             | 3-15        | Added “ <b>*Note that van der Zee et al. (1999) and Schildcrout et al. (2006) presented results for prevalence of lower respiratory tract or asthma symptoms.</b> ”  |
|                        | 3-30        | Replaced “...the formation of particulate sulfur-containing...” with “...the formation of <b>particular</b> sulfur-containing...”  |
|                        | 3-41        | Replaced “...MI dysrhythmia...” with “... <b>dysrhythmia...</b> ”  |
| Figure 4-1             | 4-2         | Added “ <b>Smith, 1994</b> ” to Source   |
| Figure 4-3             | 4-4         | In the caption, replaced “SO <sub>2</sub> -induced increase in FEV <sub>1</sub> ...” with “SO <sub>2</sub> -induced <b>decrease</b> in FEV <sub>1</sub> ...”   |
|                        | 4-4         | Replaced paragraph beginning “Only one epidemiologic study...” with “ <b>The association between asthma hospitalizations and ambient 24-h avg SO<sub>2</sub> concentrations was examined in a case-control study of children in Bronx County, NY (Lin et al., 2004d). The 24-h avg concentration ranged from 2.9 to 66.4 ppb. The authors categorized 24-h avg SO<sub>2</sub> concentrations and estimated ORs for each category using the lowest exposure group as the reference (2.9 to 9.2 ppb). They observed an increasing linear trend across the range of concentrations, with more marked effects observed at 24-h avg SO<sub>2</sub> concentrations greater than 40 ppb (Figure 4-4). A similar concentration-response relationship for daily 1-h max SO<sub>2</sub> levels was also observed. During the years 2003-2005, the 24-h avg SO<sub>2</sub> concentrations for the 90th and 95th percentiles were 10 and 13 ppb, respectively.</b> ” |
| Figure 4-4             | 4-5         | In the caption, replaced “...groupings of 1-h max...” with “...groupings of <b>24-h avg...</b> ” and “ORs for 1-h max...” with “ORs for <b>24-h avg...</b> ”   |
|                        | 4-5         | Deleted sentence “ <del>Most epidemiologic studies investigating...24-h avg exposures with SO<sub>2</sub>.</del> ”   |
| Figure 5-2             | 5-7         | In the caption, replaced “...and emergency department (ED) visits/hospitalizations...” with “...and emergency department (ED) visits (*) <b>and</b> hospitalizations...”   |

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| <b>Table or Figure</b> | <b>Page</b> | <b>Erratum</b>  |
|------------------------|-------------|---|
| Table 5-3              | 5-11        | Replaced "...respiratory symptoms in adults...at current 24-h avg..." with "...respiratory symptoms in adults...at current <b>short-term</b> avg..." and replaced "Epidemiology results...between 24-h avg..." with "Epidemiology results...between <b>short-term</b> avg..." |

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