

01-24-17 Draft comments to assist in meeting deliberations. They do not represent CASAC consensus advice nor EPA policy. Do not cite or quote.

**Comments from Dr. Lianne Sheppard on the 12-22-16 Draft CASAC Review of the EPA's Policy Assessment for the Review of the National Ambient Air Quality Standards for Nitrogen Dioxide (External Review Draft – September 2016)**

For the Letter to the Administrator, add the following sentence to line 36 of the third page of the letter:

“In addition, for future reviews, the CASAC encourages the EPA to consider expanding their approach to evaluating the weight of evidence to include additional consideration of consistency and coherence across multiple diseases.”

Remove the last paragraph of the letter (lines 38-42 of the third page of the letter and lines 1-2 of the fourth page of the letter) and move it to the very end of the consensus responses (p.13) as a new revised paragraph:

“In addition to advice relevant to the review of the NO<sub>2</sub> NAAQS, for future reviews, the CASAC encourages the EPA to consider expanding their approach to evaluating the weight of evidence to include additional consideration of consistency and coherence across multiple diseases. For example, if the disease-specific weight of evidence becomes stronger for multiple disease outcomes, this could have implications for a stronger weight of evidence for a suite of adverse effects than for individual disease outcomes evaluated separately. This type of integration might logically be raised in the ISA and carried forward, as appropriate, to a subsequent REA and PA. Alternatively, it could be a new topic for discussion in the PA, specifically, how the coherence of evidence from multiple organ systems contributes to the overall weight of evidence considerations for the PA.”