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**Sent:** 6/28/2018 7:42:19 PM  
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**Subject:** Notes for follow-up discussion

Bill and team, thanks so much for our discussion on Wednesday. I look forward to following up on Monday to decide the most useful path forward for reaching sound, defensible conclusions with the scope and schedule expected of EPA and CASAC.

Following are a few notes to facilitate discussion on Monday.

1. To keep consideration of implementation issues (e.g., any adverse public health, welfare, social, economic, or energy effects of alternative attainment and maintenance strategies) visibly separate from health science issues informing the setting of the standard, I propose that we form the following two separate CASAC panels, each consisting of interested Chartered CASAC members and additional expert consultants. (This is how CASAC typically operates. Here, we would form the panels in parallel in the interests of time.)

(1) A **CASAC Ozone Panel** to address the scientific and technical documents supporting the Agency's Ozone NAAQS review of the standard (IRP, ISA, REA, PA)

(2) A **CASAC NAAQS Implementation Panel** to address the background and implementation issues.

I anticipate that membership on these two panels might overlap considerably, but the purpose of the first is to provide advice on the scientific and technical information supporting the recommended level of the standard; the purpose of the second is to provide advice on the background and implementation issues for achieving it, not the level of the standard. The second panel could be more general (not O<sub>3</sub>-specific) and could later address other criteria pollutants too, including PM<sub>2.5</sub>.

2. If possible, I would like the Agency to develop a document/analysis of NAAQS implementation issues for the CASAC NAAQS Implementation Panel to review and respond to, consistent with CASAC usual role in providing advice (peer reviewing and providing advice on agency documents/analyses). If necessary, we can and will undertake extraordinary efforts to help achieve the scheduling and scientific quality and integrity goals, as articulated in the Back to Basics memorandum of May 9, and to provide useful independent advice on a timely basis as needed. However, the more we can work within the existing advisory framework of commenting on Agency documents and analyses, the quicker and more productive I expect we can jointly be.

I look forward very much to your thoughts, to making some decisions, and to moving forward with the exciting and worthwhile challenges to apply top-quality independent scientific advice as quickly and cogently as possible to protect health and serve the public interest.

Best,

-- Tony