

Subject: RE: Peer Review of Agency Final Draft Radiometer Guidance

From: Kevin Durkee <kdurkee@aqmd.gov>

Date: 8/30/2011 8:18 AM

To: Herman Wong <Wong.Herman@epamail.epa.gov>, "mgilroy@mbuapcd.org" <mgilroy@mbuapcd.org>, "ware@radiometrics.com" <ware@radiometrics.com>, "clive.lee@kippzonen.com" <clive.lee@kippzonen.com>, "victor.cassella@kippzonen.com" <victor.cassella@kippzonen.com>, "ken@minisodar.com" <ken@minisodar.com>, "dbgemmill@verizon.com" <dbgemmill@verizon.com>, "wilker@co.clark.nv.us" <wilker@co.clark.nv.us>, "jdennison@slrconsulting.com" <jdennison@slrconsulting.com>, "phils@psc Clean Air.org" <phils@psc Clean Air.org>, "clint@sonomatech.com" <clint@sonomatech.com>

CC: Robert Elleman <Elleman.Robert@epamail.epa.gov>, DennisK Mikel <Mikel.Dennisk@epamail.epa.gov>, Bob Baxter <bbaxter@tbsys.com>

I'm very happy to see that TBS has taken on the QA guidance for radiometers and they have done a commendable job. Here's a few minor comments.

- Since at least one commercially available radiometer also does water vapor and liquid water profiles, it would be good to see this expanded eventually to cover those measurements in more detail. The use of continuous humidity profiles is relatively untapped in the air quality field and has great potential for improved air quality forecasts (especially PM) and modeling.
- As more data becomes available from radiometers and more audit comparisons are made, it would be nice to add a real-data example of the comparisons discussed in the text.
- I realize there are a lot of caveats, as are well described in the text, but a concise table of audit criteria would be a nice addition. (These last 2 comments fit well with the first full paragraph on page 19).

Sorry I'm so slow to respond.

This is very timely for us, since we are in the process of installing a radiometer.

Best Regards,
Kevin



From: Herman Wong [<mailto:Wong.Herman@epamail.epa.gov>]

Sent: Monday, July 11, 2011 9:53 AM

To: Kevin Durkee; mgilroy@mbuapcd.org; ware@radiometrics.com; clive.lee@kippzonen.com; victor.cassella@kippzonen.com; ken@minisodar.com; dbgemmill@verizon.com; wilker@co.clark.nv.us; jdennison@slrconsulting.com; phils@psc Clean Air.org; clint@sonomatech.com

Cc: Robert Elleman; DennisK Mikel; Bob Baxter

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Importance: High