

RHPWG Shared Database Subcommittee

Conference Call and Web demonstration August 9, 2018

DRAFT Agenda:

1) Roll Call

Tina Suarez-Murias, Mary Uhl, Frank Forsgren, Ryan Templeton, Cindy Hollenberg, Ted Friesner, Tom Moore, Pat Brewer, Kristen Martin, Shawn McClure, Brandon McGuire. Roslyn Higgin (partial)

2) Administrative

- a) Current Notes – AZ DEQ
- b) Last month's notes at https://www.wrapair2.org/RHP_SharedDB.aspx (bottom of page)
- c) For information: Monitoring and Glideslope Subcommittee Sharefile link:
<https://azdeq.sharefile.com/d-sc6c4f002be1402ca>
- d) Updates from other Work Groups and Subcommittees

TSC monthly call is developing slide deck for monthly progress from subcommittees, these can be referenced by the subcommittees in their calls as needed. Board updates from workgroups are posted on the website. Currently posted for June, posting August soon. TSC call on the 29th will need an updated slide deck for subcommittee updates. Monitoring subcommittee is moving forward to examining natural conditions. If this subcommittee would like to utilize the monitoring subcommittee graphics, then those can be made available or the tools to create those can be made available.

Monitoring/Glide Path Subcommittee is nearing completion on analysis of the e3 metric and almost ready to make a recommendation. Today's call will begin the focus on "natural conditions" with a presentation by Pat Brewer.

3) Discussion of comments to CIRA collaborators re: TSS v2 (see attachment)

*TSS allows for csv and excel file data downloads. In the future it will allow for bulk downloads. Clarification on point #10 (side-by-side comparison) will be needed to guide CIRA. Should this all be in one chart, multiple charts, etc.? Point #11 will also need to be fleshed out for what is included in the documentation. The subcommittee will need to provide the content (e.g. definitions, etc.) and structure of documentation. Point #12 should read ratio, not ration. This point may need to be discussed with monitoring subcommittee. **Subcommittee members should review the CIRA collaborators comment document.** Continuing to provide consolidated documentation will be the way comments are forwarded to the contractor due to efficiency and clarity. The comment documentation will be posted on the website by CIRA.*

4) Demonstration of new features for TSS2 and IMPROVE data analyses

- a) New features / demo

New features are very draft but are pretty self-explanatory. Home page has been updated to be more aesthetically pleasing and organized. Home page, right side bar will evolve into an event ticker (most recent updates to the site). The event ticker will include meeting agenda and feedback/response documents. For the home page photos, these will redirect to the individual

visibility information for these sites. Below the photos are a mosaic of the tools that are planned. As tools are available they will shift from a grey-scale to another graphic that will link to the tool or will allow for filtering for the tool.

Tools for comparison of Hazeiest to Impairment metric are available for subcommittee review but not for public review. Go to Tools -> Visibility Summary, RHR2 vs. Impairment (Draft) under the Data Summary Tools header. The title for this tool is not finalized, feedback is welcome. This tool links to a map which has tabs underneath. The tabs give visibility reports for the site chosen. The Daily Aerosol Extinction composition tab is now sorted by date, total haze, and then Impairment in three respective graphics. You can select and deselect the DV and IMP lines in the legend. At the bottom of most charts there is a link that shows the chart data and allows for export. Bulk download of this information is being developed. The second tab (Daily Group Days) only show bars for the selected groups. The final three tabs (monthly, seasonal, and annual) tabs show PM species for the different temporal scales. There is a year slider to look at single years or aggregate multiple years if desired. Also shows number of days per season or month. **Seasonal ranges will need to be specified on the definitions page.** May possibly want to provide a summary chart for missing days/flagged days. The annual tab allows for multiple years and two bars (1 for hazeiest and 1 for most impaired). Second graph aggregates for all years chosen and shows 3 bars. Natural conditions by impairment being added at a later date.

Glidepath graphics are coming up in short order as well. Make sure to provide feedback to Cindy on changes or updates to the TSS. It is also possible to provide comments directly to Shawn through email or through the contact form on the website. **Cindy will send out an email setting up a deadline for review of the latest features – August 23rd (?).**

- b) Subcommittee feedback – including review comments received after 7/27 deadline
- c) Process for Subcommittee to document tool completion

Looking for volunteers to come up with process that outlines when a document is complete. **Tina volunteered for process completion outline.** Other volunteers can let Cindy know. **Pat and Tina have volunteered to help document the definitions.**

- 5) Development of a Trend tool that allows states to assess 2000-16 monitoring data trends with MID and Cleanest Days' info relative to Natural Conditions

First draft will be a Theil regression trendline for some charts. They are open to other trendline types. Will be useful to compare trendline to natural conditions by extending to 2064.

- 6) Preparation for progress report on TSS2 (early Oct.? webinar?)
 - a) Target audience (pilot with Monitoring/Glide Path SC? RHPWG?)
 - b) Timing (length, target date range)
 - c) Content (include tools from Monitoring/Glide Path SC?)
 - d) Volunteers to help create and review training materials
- 7) Action Items
 - a) Subcommittee register on TSS2 site (if you haven't already)
 - b) Subcommittee review IMPROVE data for your sites

c) CIRA next steps

d) Possibly switch the calls to biweekly instead of monthly – Cindy will work on scheduling

8) Other topics??

9) Next call scheduled: September 13, 2018 at 10:00 am (CARB scheduled for note-taking)

Date of Meeting	Notes (Agency)
8.9.2018	AZ DEQ
9.13.2018	CARB
10.11.2018	NMED
11.8.2018	MT DEQ
12.13.2018	AZ DEQ
1.10.2019	NV DEP
2.7.2019	CARB
3.7.2019	NMED
4.11.2019	MT DEQ
5.9.2019	AZ DEQ
6.13.2019	NV DEP
7.11.2019	CARB