# RHPWG Shared Database Subcommittee

Conference Call September 13, 2018 (10:00 – 11:00 am)

Notes:

1. Present: Cindy & Roslyn (NMED); Shawn & Ted (CIRA); Tina (CARB); Ryan (AZ DEQ); Kristen & Brandon (MT DEQ); Frank (NV DEP); Ed (Albuquerque DEH)
2. Administrative
   1. Current Notes – NMED
   2. Last month’s notes at <https://www.wrapair2.org/RHP_SharedDB.aspx> (bottom of page) - Thanks, Tina!
   3. Monitoring and Glideslope Subcommittee Sharefile link: <https://azdeq.sharefile.com/d-sc6c4f002be1402ca>
   4. Updates from other Work Groups and Subcommittees
      1. Monitoring/Glide Path – taking on ARS (contractor) for data substitution – deadline is mid-October, will affect data; may help this SC later if time (money) remains on contract
      2. Control Measures – feedback due back to Curt tomorrow (September 14th
      3. Emissions/Modeling – contract is drafted

Also on the radar: EPA roadmap out this week

1. Discussion of comments to CIRA collaborators re: TSS v2 (see <http://views.cira.colostate.edu/tssv2/Review/ReviewDocs.aspx>)
   1. Adding mass for all parameters – the complexity issue discussed in the response is more related to the user interface, not the data itself; this will be added before long
   2. Keeping the middle quintiles (Groups 30, 50 and 70) may not be necessary. What planners need is the initial data, Group 10 (clearest/best days – old metric?) and Group 90 (old metric (“haziest”) and MID metric)
   3. Suggestion that another call could focus, at least in part, on getting the underlying data from the TSS
   4. Questions about how impairment works on anything less than Group 90 is an issue that needs a separate discussion with those who work more with the technical aspects of MID metric – EPA, Scott Copeland, NPS and other technical “gurus”; EPA, since they wrote the rule, is critical in this discussion
2. Demonstration of new features for TSS2 and IMPROVE data analyses
   1. New features / demo
      1. Update section in right-hand navigation bar contains the latest 2-4 developments that are relevant to this SC, listed in descending chronological order, plus latest calls
      2. “Notice” – avoid the temptation to bookmark the website beyond the home page at this point because navigation is changing along with content; collaborators adding other ways to navigate the web site
      3. “Review and Development Documents” page is a collection area for the various documents we are creating and that are relevant to anyone reviewing the site/tools
      4. Home page marquee – more parks will be added; currently can click on the name of the park at the bottom of the picture to get the data on that park; basically, though, it’s just “eye candy”
      5. Tool matrix – grid of links and graphics corresponding to various tools that will eventually appear (not all are currently available – gray are those that are not yet activated; color images are for those where we have at least a prototype); tabs at top of matrix allows for filtering; after filtering, more images appear to show what is available
      6. Visibility Glide Path chart (tab) – VERY visually busy (currently intentional for initial review so that we know what all is available); will eventually restrict options; for now, select a single parameter to simplify; still experimenting with colors, line styles and marker styles for differentiation but not finished yet; will work with key people to optimize; chart options are new – available to help simplify the chart further:
         1. remove glide path options so that it becomes a simple time series chart
         2. all of the baseline data have to appear in the data but this doesn’t need (necessarily) show up in the legend (can uncheck 2 items for showing in the legend)
         3. bottom of chart has an abbreviation guide: (underscore)\_H is from RHR2 metric; (underscore)\_I is from impairment metric; this chart can also be unselected; users may eventually be able to choose their own labels
         4. also exploring the legend appearing beneath the chart rather than next to it in order to conserve “horizontal real estate”
   2. Subcommittee feedback
      1. “Show chart data” at bottom of chart – toggle for a hidden panel that will open the data below the chart – the data table format may change eventually for ease of use; export features are nice
      2. Design of new TSS is more contemporary than old TSS; more “responsive” and updated to be more functional with new technology BUT expect things to “go broken” and “go missing” from time to time as development continues, but keep up with feedback
      3. Timeline? Can’t really estimate, but we have 2-3 distinct phases:
         1. monitoring data tools
         2. modeling & emissions data tools

Reasonable to split these up so we can say when monitoring data tools are mostly done separate from modeling & emissions data tools; hopefully by the end of 2018 we’ll have the monitoring data tools at beta stage; modeling & emissions data tool ETA will be much later

Wiki is set up for emissions data (can contact Modeling/EI SC for information)

1. Preparation for progress report on TSS2 (October 5, 2018 1:00 – 2:30 pm MDT)
   1. Target audience -WIDE; announcements to RHPWG, SC leads, WRAP WGs and other contacts (other RPOs, perhaps?)
   2. Intro to what is being developed now and what’s to come
   3. Hope SDb SC members will participate, so that they can provide their own insights
2. Action Items
   1. Subcommittee review IMPROVE data for your sites (register if you haven’t yet done so)
   2. CIRA next steps
      1. Mostly working on glide path tab, but also working on auxiliary tools for downloading data
3. Next call scheduled: September 27, 2018 2:30 – 3:30 pm, CABQ scheduled for notes

Note-taking schedule – let Cindy know of known conflicts

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| 9.27.2018 | CABQ |
| 10.11.2018 | MT DEQ |
| 10.25.2018 | AZ DEQ |
| 11.8.2018 | NV DEP |
| (11.22.2018) | *No meeting* |
| 12.13.2018 | CARB |
| (12.27.2018) | *No meeting* |
| 1.10.2019 | NMED |
| 1.24.2019 | CABQ |
| 2.14.2019 | MT DEQ |
| 2.28.2019 | AZ DEQ |
| 3.14.2019 | NV DEP |
| 3.28.2019 | CARB |