Syllabus for WRAP Technical Support System (TSS) Training
Reasonable Progress Support Page
Implementation Work Group
April 13, 2007

1. Introductory statements:
   a. This training will focus on the new Reasonable Progress support page on the TSS. This page is a redesign of the old Weight of Evidence Checklist page. Note that it is still under development.
   b. The tools we reviewed during the February training are still accessible, but the new Reasonable Progress page consolidates the critical tools/analyses for demonstrating reasonable progress.
   c. There was an error in the older version of the Visibility Projections tool which has been fixed. This will be noted when we review that tool today.
   d. The TSS team is continuing to focus on various "clean up" tasks (database/web site structural issues, site consistency, labeling, formatting).

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2. Review of changes to the Home page

2.1 TSS Home page ***(NOTE CHANGE IN URL!)***
http://matar.cira.colostate.edu/tss/
   a. Planning Information Exchange
   http://matar.cira.colostate.edu/tss/Planning/RHSupport.aspx

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3. Reasonable Progress support page (redesign of WOE Checklist)

3.1 Resources/Reasonable Progress –OR– Demonstrating Reasonable Progress button (on Home page)
http://matar.cira.colostate.edu/tss/Tools/WoEchecklist.aspx

3.2 Select an Area of Interest
   a. Select individual or multiple sites (no change in how this is done)
   b. Scroll down the page to continue

3.3 Select one of the following analysis choices
   a. Monitoring
   b. Emissions and Source Apportionment
   c. Modeling

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4. Monitoring data review

4.1 Several choices for Monitoring data review:
Deciview Time Series - Time series plots of deciview.
Deciview Glide Slope - Slide slope plots of deciview.

Total Light Extinction Time Series - Time series plots of total extinction.
Total Light Extinction Glide Slope - Glide slope plots of total extinction.

Species Time Series - Time series plots of extinction species.
Species Glide Slope - Glide slope plots of extinction species.

4.2 These are VERY similar to the Tab Tools we reviewed during the last training, but they have been somewhat simplified in their presentation.

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5. Emissions and Source Apportionment data review

5.1 Several Choices for Emissions and Source Apportionment data review:

Sulfate/SOx Tracer - All Source Regions - Review sulfate/SOx contributions by all source regions.
Nitrate/NOx Tracer - All Source Regions - Review nitrate/NOx contributions by all source regions.

Weighted Emissions Potential - Organic Carbon - Review weighted emissions potential for organic carbon.
Weighted Emissions Potential - Elemental Carbon - Review weighted emissions potential for elemental carbon.
Weighted Emissions Potential - Fine PM - Review weighted emissions potential for fine particulates.
Weighted Emissions Potential - Coarse PM - Review weighted emissions potential for coarse particulates.

Emissions Data Spreadsheets - Review emissions data in greater detail.

5.2 These are VERY similar to the Tab Tools we reviewed during the last training, but they have been somewhat simplified in their presentation.

Note the addition of state/region emissions added below the Source Apportionment tools. Right now this is just a static graphic representing SO_2 emissions, but it will be tied to the Source Regions selection box in the near future.

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6. Modeling output review

6.1 Several choices for Modeling output review:

Assess Model Performance - CMAQ model performance.

Visibility Modeling Results - Compare raw modeling scenarios.

Visibility Projections - Visibility model projections.

6.2 These are VERY similar to the Tab Tools we reviewed during the last training, but they have been somewhat simplified in their presentation.

Note that the calculation of the 2018 projected deciview value in the Visibility Projections tool has been fixed. Additional modifications are planned to make the selection of *deciview only* possible.
