

Participants on the call

- Minnesota: John Seltz, Gordon Andersson, Margaret McCourtney
- Michigan: Teresa Walker, Cindy Hodges, Jim Heywood
- Wisconsin: Bob Lopez, Farrokh Ghoreishi
- Iowa: Matt Johnson, Wendy Rains
- North Dakota: Tom Bachman, Terry O'Clair
- Indiana: Kim Ritter, Chris Pedersen, Scott Deloney
- Missouri: NA
- Tribes: NA
- Ontario: NA
- LADCO: Mike Koerber
- CENRAP: NA
- NPS: NA
- USFS: Chuck Sams, Trent Wickman
- EPA: NA

1) follow-ups from last call and updates to agenda

- Minutes from March 12, 2007 call were corrected:
  - 1) re. participation --Bob Lopez (WI) attended the call
  - 2) re. IPM 3.0 runs -- LADCo will do the updates on IPM instead of Alpine GeophysicsThese minutes (corrected) can now be posted by Michigan.

2) final decision on restoration of IMPROVE sample days (GAndersson)

- MPCA Asst Commissioner for Air Policy (JDThornton) agreed the addition of selected deleted days from 20% worst baseline years (Donna Kenski review/analysis) on March 13. A draft letter from JDavid Thornton (MPCA) and Vinson Hellwig (MIDEQ) to CIRA staff will request the revised datasets be posted on the VIEWS website. The letter will cc. JPeltola (CenRAP) and MKoerber (MRPO). (This follows the procedure suggested by MPitchford, chair of IMPROVE Steering Committee and moderator of national RPO Monitoring/DataAnalysis monthly conference calls.)
- The DKenski data and changes to baseline and extinction will be incorporated in the next version of the technical summary paper with revisions due to additional work on OC, NOx, and Canada emissions (see item 6).

3) update on RPO calculations of international (Canada) emissions (MMcCourtney)

- CenRAP SMOKE default stack parameters for Canada emissions caused overprediction. LADCo modeling of "1st layer" emissions resulted in under prediction. Scott Edick (MIDEQ) has proposed methodology for Canadian review and will redo LADCo modeling. CenRAP & LADCo modeling will then be recompiled and outcomes discussed.
- This issue will be updated in agenda item next month.

4) report on LADCo/MRPO workshops March 21 & 22, 2007 (MKoerber)

- 100+ attended O3 & PM2.5 mtg on 03/21; ~80 attended RHaze mtg on 03/22; all 5 RPO states, local agencies, many EPA staff; enviro group representatives attended 03/21
- RHaze agenda (03/22): a) FLM/EPA perspectives, regulations, consultation b) technical document review c) state reports on BART d) Bill Battye presented EC/R 4-factor analysis (presentations are on LADCo website)

5) update EC/R progress (MKoerber)

- Schedule: partial draft report discussed in core group review 04/10/07; complete draft due next week (04/27/07 next core group call); final report due in May

- Three kinds analyses: 1) ‘on the books’ (existing regs) 4 factors 2) candidate controls for sectors + NH<sub>3</sub>, including off- & on-road 3) individual facility assessment to complement sector assessment (e.g. refineries, cement kilns)
  - A summary will be provided as agenda item next month.
- 6) discussion of LADCo preliminary work on---- (MKoerber)
- OC light extinction
    - examination of role of biogenic emissions and wildfires and effect on glidepaths (follows discussions with BPolkowsky/NPS & DKenski/MRPO)
    - long-term sampling (6wks summer/ 6wks winter) & analysis (of C14, levoglucosan, soluble K, EC/OC) to distinguish fossil & biogenic C in BWCA & Midwest cities
  - assessment of NO<sub>x</sub> emissions on AQ in N Class I Areas
    - modeling underpredicts NO<sub>3</sub><sup>+</sup>
    - nitrates important for N Class I visibility and NO<sub>x</sub> control strategies
    - use PSAT, back trajectories, ambient monitor data with sensitivity runs
    - draft available soon
  - new modeling
    - meeting necessary mid-August with policymakers to present 4-factor analysis with control strategies
    - 2018 runs to be completed and results available by mid August
  - Completed and in-process work will be addressed in future revision of technical document (with item 2).
- 7) upcoming meetings
- FLM/RPO meeting Denver CO on RHaze implementation (April 25-26) (CSams)
    - agenda includes FLM coord review of RHaze SIPs and definition of reasonable progress & control strategies
    - MKoerber (MRPO), LWarden (OKDEQ for CenRAP), CPeterson (IN), BLopez (WI) to attend
  - USFS national annual meeting Duluth MN (May 2-4) (TWickman)
    - May 02 a.m. discussion RHaze rule
    - meeting open to everyone
  - MPCA RHaze stakeholder meeting (No. 3) St Paul (May 15) (JSeltz)
    - agenda include NE MN concept plan & EC/R (draft) report on 4-factor analysis
    - conservation orgs and industry reps may give perspectives on RHaze implementation
  - LADCo States meeting on O<sub>3</sub> & PM<sub>2.5</sub> & RHaze (August 14-15 or 15-16 (TBD))
    - central issues are O<sub>3</sub>, PM<sub>2.5</sub>, and RHaze SIPs
    - day 1: project team, modeling , 4-factor work
    - day 2 : Air Directors mtg (MKoerber would like DThornton to attend or listen by phone)
- 8) EPA checklist for RHaze SIPs (MKoerber & others)
- no EPAV reps on call ---little discussion of checklist components
  - MRPO states experienced in SIP dev't; MRPO conf call with JSummerhays May 01
  - CenRAP (with staff of several states) developed a draft SIP template in 2005
  - JSummerhays “draft” checklist 07/13/06 provided for this call; Matt Rau provided “final” checklist dated 08/04/06 to MPCA RHaze staff on 08/08/06 (any changes?)
- 9) draft NE Minnesota Concept Plan (JSeltz---with questions&comments MKoerber/KGhoreishi/BLopez) (draft plan provided 04/16 to N Class I discussion group)
- purpose to allow existing and new industry (primarily taconite) and protect visibility in NE MN
  - MPCA and FLMs (USFS & NPS) developed plan
  - suggest emissions target of 20% reduction in SO<sub>2</sub> & NO<sub>x</sub> by 2012 and 30% reduction by 2018 for new & existing major sources (> 100 tons actual/yr)
  - present plan by conf call with tribes (04/12/07), meeting with taconite industry (04/17/07), MN Power utility (04/19/07), enviro organizations (04/23/07)
  - discussion include non-linear relation of emissions & visibility (Scott Copeland/USFS address visibility metrics & components in plan)

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Next call: Thursday, May 17, 2007, 1:00 PM (CDT), 2:00 PM (EDT).  
MN do agenda. MI transcribe notes and post corrected copy.