# RHPWG EI & MP SC Call 6-27-19

**1)      Welcome, Roll Call, Review Notes from last call – Farren and all**

·        Wyoming is note taker for this call.

Attendance – Pima County, CO, ID, NV, ND, OR, WA, WY, WESTAR-WRAP, MT, AZ, CIRA, RAQC, EPA R8, Ramboll, NM

Wiki page revisions were made to differentiate between different modeling versions, with more to add for recent work. Meetings have been moved up in the wiki. All shakeout v1 info was combined into one section.

**2)      Discuss the memo regarding Shakeout v2 emissions input updates (attached) – Farren**

All changes from v1 to v2 are reflected in this memo.

Updates from Pima County.

ND had a facility switch.

MT had some point source updates that were missing from EIS and intended to get into v1, but problems with pollutant code formatting pushed it to v2.

Q/Brenda (NV): Asked if changes submitted for the “representative baseline” will be incorporated in the future. Farren said yes.

Dale/CO: Regarding oil & gas (Table 1), Dale submitted changes for VOC, but not sure where the changes came from for other pollutants? Tom responds that O&G workgroup can answer.

Gail: The ammonia emissions (ag emissions) in UT need to be reconciled, especially in the Cache Valley UT/ID border region. Recommend using the same increase protocol that state has used in PM2.5 SIP modeling. Need to get with UT folks to address this.

**Tom Moore will take lead on following up on this item.**

**(3)      Status report on current/representative baseline emissions updates received – Farren**

AZ (10 facilities) some individual facility updates.

CA says no changes.

ID had provided some information for one facility to update.

MT is working on it.

NV had updated 3 facilities; one to remove.

ND had updated 7-8 facilities in the EGU sector, and

WA updated about 16 facilities.

OR … working on it.

Deadline now July 19 for representative baseline emissions updates.

Tom: Will follow up on getting closure from states. Are they done or will changes be coming in?

Q: How does this deadline impact the Aug. 1 deadline for future case OTW/OTB emissions submittals?

A: Probably now it is 8/31, but earlier is better.

Q: And what about December 1 deadline for controlled scenarios…?

A: Need to keep this as tight as possible so we don’t bleed into 2020.

AZ: Facilities are going to want to start working on their 4-factor analyses.

TM: (clarification) the state would make an *estimated* % change on SOx / NOx / PM emissions that they would want to see modeled, based on potential controls.

AZ: e.g., concerned about big changes that border state might predict, and how that could influence in-state modeling predictions as opposed to using “actual” predictions from the 4-factor analyses.

**4)      Review and solicit comment on spreadsheet of model scenarios/runs/details (attached) – Tom**

4 tabs in spreadsheet:

1. **Resources tab**: quick list of resources.
2. **Scenario Descriptions** tab: all the due dates will need to be updated.
3. **Emissions Categories**: categories and how they will be carried forward with the different modeling protocols.
4. **Source Apportionment**: three kinds of source attribution analyses:
5. PSAT-PM Source Apportionment Technology: associated with CAMx model. Hard decisions have not been made (see “may” language).
6. WEP-Weighted Emissions Potential: see link at bottom of spreadsheet.
7. PM Sensitivity runs using BF (brute force) protocol (e.g., turning off sources).

Suggestion: 2 separate tables for sensitivity runs and PSAT.

Suggestion: some states expressed interest in source apportionment for total oil and gas emissions; i.e., both area and point sources.

**???** TM: Non-Point Source issues/questions…

Gail: Assume that we are using CAMx for source apportionment since CMAQ source apportionment method is a pretty new development.

**???** Sean’s comments …

**ACTION ITEM**: Review **first draft of plans** for 2028 source apportionment / sensitivity / Weighted Emission Potential analyses (see tab in attached spreadsheet)

**5)      Next call date and time – all**

**>> July 25 – Thursday, 11 am PDT**