

SSJF / Oil and Gas Work Group

May 10 Oil and Gas Work Group Call

Discussion:

- Environ is refining the EI for Northern New Mexico as part of the 4 Corners Air Quality Task Force effort. Lack of local data has been a problem. New Mexico would like to conduct modeling of cumulative emissions on a smaller grid with the revised inventory and also examine the effect of a 2 g/bhphr limit on small engines (phased in over time).
- Question about diesel drill rigs and the effect of Tier II standards.
- Bruce Beynon raised a question about the use of well counts not production in the 2018 projections. Because infill wells tend to replace existing production the growth projected in the WRAP inventory may be overstated.
- On the other hand, Bud Rolofson pointed out that there has been a lot of leasing of federal lands and therefore the WRAP 2018 activity estimates might be low. He is particularly concerned about emissions from drill rigs as the number of wells is higher than projected in some cases.
- Regarding emission control options, WY stated that they have been regulating small engines for some time and that there is not much more that can be done.
- Bruce Polkowsky asked if we have adequately characterized growth close to Class I areas. Is this a problem or not?

Next Steps:

The group identified the following areas for additional work:

- Identify the major basins where oil and gas emissions may be of particular concern and focus the inventory improvement efforts on these areas.
- Evaluate the sensitivity of the emissions estimates base on: 1) production based forecasts v. well count forecasts where appropriate; 2) range of activity under federal RMPs; and 3) range of estimates for drill rig activity/emissions. Look at fields with different characteristics (production levels, facility types, etc.)
- Modeling sensitivity run – use 2002 oil and gas inventory in place of 2018 forecast and evaluate impact on results.
- Evaluate control technology options for various types of oil and gas facilities.