

WRAP – Oil and Gas Work Group

Call Agenda & Notes

Tuesday, December 8, 2020 (90 minutes)

10:00 am (AK), 11:00 am (PT), Noon (MT), 2:00 pm (ET)

1. Welcome/Roll Call (Mark Jones)

Participants: Amanda Brimmer, Mark Jones, Darla Potter, Tom Moore, Molly Birnbaum, Curt Taipale, Dale Wells, Kira Shonkwiler, Margaret Pegues, Quinn Langfitt, Kathleen Kozawa, Caroline Lozo, Rebecca Matichuk, Sharay Dixon, Jeff Vukovich, Claudia Smith, Brian Davis, Pat Odell, Brenda Ramanaftin, Kevin Briggs, Mike Barna, John Grant, Amnon Bar-Ilan

Note Taker Darla Potter

2. Review Agenda (Mark Jones)

3. Announcements/Updates

a. Change in OGWG Co-Chairs (Darla Potter)

In November 2020, I was approved by the WRAP Board to serve as Technical Steering Committee State Co-Chair and as such have stepped down from the Oil and Gas Work Group State Co-Chair position. It has been my pleasure to provide leadership to the Work Group from inception in late 2016. I have full confidence that Amanda Brimmer and Mark Jones will continue to provide ample leadership for the Work Group. Margaret Pegues will begin to participate in the Work Group for Wyoming and I hope to participate as TSC Co-Chair.

b. Other announcements from work group members/advisors

4. CARB Report on Venting, Fugitive, and Flaring Emissions from Natural Gas (Quinn Langfitt (CARB))

See presentation posted on OGWG Website www.wrapair2.org/OGWG.aspx

Quinn presented on provision AB 2195 and the work that CARB has done to calculate out-of-state greenhouse gas emissions from imported natural gas. The presentation contains a direct link to the report.

Q&A: To the question regarding any opposition / support of the work it was noted that there is excitement by some for the calculation and a document to cite and push back by some on the use of the EPA GHGI given concerns that it is likely an underestimate. CARB noted that the work meets the requirements of the bill and that in the future they hope to use better data. To the question regarding any plans to use in the NEI it was noted that the work is for information and policy purposes and there are no plans to include it in any inventory at this point in time.

5. 2014 Colorado Model Evaluation Database Package (Rebecca Matichuk (EPA))

OGWG Workplan: Project Team - Drill Rig 1-hour NO2 Collaborative Study

See presentation posted on OGWG Website www.wrapair2.org/OGWG.aspx

Rebecca presentation provided an overview of the 2014 Colorado Field Study, Field Study Workgroup, and Model Evaluation Database as well as Next Steps for Model Evaluation Report. The presentation contains a link to the 2014 Colorado Model Evaluation Database Package.

Q&A: It was good to loop back to the Drill Rig 1-hour NO2 Collaborative Study, which was included in the OGWG Workplan as a Project Team. There was recognition of the in-kind efforts and resources devoted to the Workgroup and Model Evaluation Database. To the question regarding timeframe for the next phase it was noted that the ideal would be to have complete in 2021. To the question regarding the Field Study and manufacturer emission rates, clarification was provided that in stack measurements of the gen sets and boiler were collected. To the question regarding comparison of manufacturer emission rates to in stack measurements it was noted that the measurements were close to what was expected to confirm the tier engines.

6. Track Oil & Gas Sector and Keep Up To Date (Amanda Brimmer)

a. Agency Roundtable: State, Local, Tribal

- i. Initiatives/Rulemaking/Legislative changes
- ii. Regional Haze and/or Ozone SIP-related analyses related to Oil & Gas
- iii. 2017 NEI – review of EPA release and any concerns
- iv. EPA 2020 NEI Development Plan – thoughts on approach for O&G sector, reporting efforts by states, observed market downturn impacts, other

The following are the agency contributions during the roundtable.

AK (Molly): AK is developing an O&G survey of operators to identify equipment in use on the North Slope to get better information to work with EPA, rather than EPA's use of the O&G tool. The hope is to send out the survey in December - January.

CO (Dale): Several items were of note including setbacks of 2000 feet, no venting or flaring of natural gas, and a new annual inventory of wellhead sources. It is uncertain if the annual inventory of wellhead sources will be incorporated for the 2020 NEI.

NM (Mark): The methane initiative by the Governor is progressing for two different rules. The ozone precursor rule is in the draft stage and some modeling is being done to further inform the rule. A hearing is upcoming in January for the natural gas waste rule to reduce venting / flaring. Significant impacts to O&G emissions are expected. NM is also improving the nonpoint sector emissions but it is uncertain how those will be incorporated into the NEI.

WY (Darla): Initiative is progressing toward implementation of the oilfield waste disposal pond model for permitting. WY reports emissions to EPA rather than use of the EPA O&G Tool, so no concerns noted in cursory review of 2017 NEI. Transition is underway to include production sites in IMPACT for electronic information management and transition away from legacy systems. Due to direct industry submissions, the 2020 emissions are expected to reflect the actual downturn in production. Overall, AQD has concern about use of 2020 in future modeling given the unusual aspect of the economic downturn and wildfires. Please note that WY also has concern from a resource perspective of using a non-NEI year such as was done with 2016.

b. Agency Roundtable: Federal

- i. Initiatives /Rulemaking/Legislative changes
- ii. Initial thoughts on Regional Haze submittals to date related to Oil & Gas

The following are the agency contributions during the roundtable.

USFS (Brian): The comment period has closed on Proposed Rule 36 CFR Part 228, Subpart E to improve agency regulations for O&G development on national forests and grasslands. 4601 letters were received and the contractor is summarizing. Air was mentioned in some of the comments.

7. Next Steps & Planning for Next Calls (Amanda Brimmer)

Amanda noted that appointments have been sent out for 2021, with calls every four months. Additional calls will be set up as the need arises.

a. Next Call April 6, 2021

10:00 am (AK), 11:00 am (PT), Noon (MT), 2:00 pm (ET) – 90 minutes

Volunteer Call Note Taker – Mark Jones

- Track oil & gas sector and keep up to date via roundtable
- Topic specific updates

b. Website Posting OGWG Materials – www.wrapair2.org/OGWG.aspx