

On this February 10th call, our fifth held with interested O&G Stakeholders, we had about 40 participants from State Air Agencies, Tribal Representatives, Federal Land Managers, EPA, Environmental Interest Groups and O&G Industry representatives. The purpose of this call was to cover issues that we failed to get to on our January 29th call: a Mobile Source Emission Pilot Project Proposal, a presentation from the EPA Sectors Program and discussions of formalizing the O&G Workgroup with appointment of Co-Chairs. We did schedule the **next Conference Call of this O&G Workgroup for Tuesday, March 24, 2009 at 10 AM Mountain Time**. Participants will call in to the WRAP Conference number at 1-866-206-0240, using Access Code 323375. The agenda for this call will be mailed later.

Mobile Source Emissions Pilot Project Discussions: We began with the issue of Mobile Source Emissions associated with the O&G fields. The DRAFT Scope of Work for this project is available on the WRAP Calendar Notice of this call at:

<http://wrapair.org/cal/calendar.php?op=view&id=964>

I gave an overview of the history of this project, noting that Mobile Source Emissions were outside the Point and Area source scope of the Phase III Emission Inventory. Thus the O&G Workgroup members suggested that the WRAP should undertake to address this issue. We formed a Mobile Source Subcommittee and they designed the Pilot Project in their Outline presented in November at:

[http://wrapair.org/forums/ogwg/meetings/081120c/2008-11_Mobile_Sources_Pilot_Project_Outline_\(11-20%20draft%20RV1\).pdf](http://wrapair.org/forums/ogwg/meetings/081120c/2008-11_Mobile_Sources_Pilot_Project_Outline_(11-20%20draft%20RV1).pdf)

From that Outline, I constructed the Scope of Work that we reviewed on this call. The primary objectives of this Project are to: (1) Quantify the emission totals of Mobile Onroad & Nonroad emissions sources present in O&G Field operations in a selected pilot location, (2) Make comparisons of these emissions against existing WRAP county wide Mobile Source Emission Inventories to determine the potential for double counting (3) Make estimates of the relative contribution of these mobile emissions as compared to the point and area source emissions already captured in the existing IPAMS/WRAP Phase III O&G Emission Inventory and (4) determine the representativeness of the results for application at other O&G operations in the WRAP Region.

There are six Tasks in the scope to accomplish these objectives. First, the Contractor will produce a refined workplan for review and approval by the Mobile Subcommittee. Then they will actually calculate the emissions for Criteria Pollutants. We are asking for a separate bid for looking at toxics, greenhouse gasses and road dust. The scope contains a preliminary listing of the equipment identified for on and nonroad source categories, the types of activity data which may facilitate the calculations, and the various methods of deriving the vehicle mileage (VMT) that will be accounted for by the emissions. In all cases the contractor is responsible for determining the completeness of these lists. After calculating the emissions, they will provide four reports (may be combined into one document) which summarize the emissions, make the Mobile Source EI comparisons for evaluating double counting, determine the significance of mobile emissions compared with point & area O&G emissions, and finally determine how representative this Pilot location emission is to other O&G operations in the Intermountain West.

There was some discussion on the call on how the work might encompass tribal O&G activity, and it was clarified that the Phase III inventory does account for all tribal O&G production in the Basins evaluated. And to the degree the Pilot Study work is determined to be representative of other basins, these emission will be utilized in evaluating total emissions from those Phase III basins.

Because the WRAP's funding is extremely limited until the Regional Haze SIP's are completed, there are no WRAP funds to pay for this Pilot Study. We have asked our state partners with significant O&G impact to consider funding the study. Wyoming DEQ thought they might like to evaluate the Pinedale area of SW Wyoming, but determined that they didn't have a mechanism for supplying the funds. Colorado's Air Program is looking at ways they might fund the study for the Piceance Basin of Western Colorado, but all potential

sponsors need to know how much the study might cost before we could move forward. Thus the next step is to send this Scope out for bid and determine what the expenses might run. WRAP staff will report back to the O&G Workgroup membership on the progress of this effort.

EPA Source Sector Program: Kevin Easley of EPA's Washington D.C. Office was on the call to give participants an overview of their Source Sector Strategies program, which attempts to determine the broad total environmental impacts of various economic sectors in the United States, one of which is the Oil & Gas Industry. Kevin reported that EPA updates their Source Sector analysis of all impacts (water, air, solid & hazardous waste, etc) every two years, with the latest report being for 2008. That report has a 12 page evaluation of the industry, using the WRAP's previous Phase I & II emission inventory work to summarize the O&G emissions for the Rocky Mountain region. They have a second report on Greenhouse Gas emissions from the various sectors and Mr. Easley reported that overall purchased electricity for various industries is the source of massive totals of GHG's. However, Mr. Easley noted that O&G purchased power shows a lower fraction of total GHG's than other industries.

EPA quickly realized that O&G in the Rocky Mountain Region was a major piece of the industry, so they prepared a new September 2008 Working Draft document ("An Assessment of the Environmental Implications of Oil and Gas Production: A Regional Case Study") specifically to look at O&G in EPA Region 8. Mr. Easley's PowerPoint presentation describing the Sector Strategies Program, as well as all three of these EPA reports are posted on the WRAP Calendar Notice link for this call listed earlier in this summary.

O&G Workgroup Structure and Co-Chairs: Because O&G issues are a major concern in the WRAP Region, WRAP staff would like to formalize the structure of this Workgroup with the appointment of Co (Tri?) Chairs to help direct the issues explored by the Workgroup. We have been talking with some people, and Bruce Gantner of Conoco Phillips has agreed to step in to one of the Chair positions to represent the O&G industry. He noted that his agenda will be to try to assure that evaluation of the O&G Industry will be driven by good science. But we still need a State Agency representative and/or a representative of one of the Federal Agencies, and I solicited volunteers on this call. Tom Moore explained that the WRAP is developing their Workplan for 2009-2012 and O&G issues must be identified soon to be incorporated into future WRAP work. Anyone interested should contact me (Lee Gribovicz) via phone or Email at:

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