



Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.



Matthew H. Mead, Governor

John Corra, Director

January 10, 2012

RE: 2012 Winter (February & March) Upper Green River Basin Production and Midstream Emissions Inventories

Dear Sir or Madam,

The Wyoming Department of Environmental Quality (DEQ), Air Quality Division (AQD) is once again requesting a winter time inventory for the Upper Green River Basin (UGRB). The 2012 Winter UGRB inventory will cover all operations from February 1, 2012 through March 31, 2012. ***The completed 2012 Winter UGRB inventory shall be returned to AQD no later than June 30, 2012.*** All minor and major sources are required to complete the 2012 Winter UGRB inventory.

The AQD is requesting detailed equipment information along with location and production information. Since the winter inventory data is used in modeling analysis, location information is required on an individual well basis. Therefore the API number, latitude/longitude coordinates, and emissions are required to be submitted for each and every well site. **Every well within the designated inventory area must be listed on a separate line in the excel workbooks.**

There is a different excel workbook for each type of facility. Currently there are four separate workbooks to be used in conjunction with the 2011 triennial (or annual) inventory request. These same workbooks should be used for the winter UGRB inventories. There is a workbook for compressor stations (both major and minor sources) and gas transmission lines, one for production sites in the Jonah and Pinedale fields only, another for all other production sites within the UGRB inventory area, and a workbook for drill rigs. Daily fuel usage rates must add up to the reported monthly total in the drill rig workbook. These workbooks are set up to determine emissions in pounds per hour (lb/hr). Hours of operation will need to be entered for each unit with a maximum of 1440 (for 60 days) for the winter inventory. Based on the operating hours and the lb/hr emission rate, total tons of emissions for the inventory period will be calculated.

All workbooks are in Microsoft Excel 2007 and include a map of the UGRB proposed ozone non-attainment designation area, and a description of the southern boundary of the designation area to help identify sources located within the applicable portions of Lincoln and Sweetwater Counties. The workbooks can be downloaded from AQD's website at the following location: <http://deq.state.wy.us/aqd/ei.asp>.

Inventories will consist of emissions from all sectors of the oil and gas industry including:

1. Non-road mobile (well pad and road construction);
2. On-road mobile (liquid haul trucks and operator vehicles);
3. Drill rigs;



4. Completions and Workovers (including emissions from engines used for hydraulic fracturing);
5. Well production (water, condensate, and black oil tanks; dehydration units; all heaters {separator, dehydration unit reboilers, line heaters and tank heaters}; pneumatic equipment; fugitives; and wellhead engines);
6. Compressor stations (emissions from all equipment at the compressor station);
7. Line venting (flow lines, liquids gathering systems, large transmissions lines, pigging operations);
8. Well venting and blowdowns;
9. Truck loading (loading of water, condensate and black oil into haul trucks); and
10. Control devices.

Please follow the instructions in the workbooks and upload the completed emissions inventories to the DEQ web server at: <https://deq.state.wy.us/AQDFileUploads/LoginUser.aspx> . If you have trouble uploading the inventories, please contact Mr. Scott Faber, Emissions Inventory Program Principal, at 307-777-3366, or by e-mail at scott.faber@wyo.gov.

The 2011 triennial (annual) minor source UGRB inventories shall be submitted under the triennial minor source inventory request for 2011. It should be noted that the completed **2011 Triennial Minor Source UGRB inventory shall be returned to AQD no later than April 30, 2012**. Major sources are not required to complete the 2011 triennial UGRB inventory since a separate inventory request from the respective AQD District Engineer should have already been sent to all the major sources in the area.

Should you have any questions or comments concerning this request, please contact Mr. Faber or Mr. Brian Bohlmann, Emissions Inventory Supervisor, at 307-777-6993 or by e-mail at brian.bohlmann@wyo.gov. If the company contact listed above is incorrect, please forward the inventory request to the appropriate person and then provide the corrected information to Mr. Faber or Mr. Bohlmann. Additionally, if your company received this letter and does not have any operations in the Upper Green River Basin, please let us know so we can update our contacts list.

Sincerely,



Steven A. Dietrich
Administrator
Air Quality Division

SAD/brb

cc: Darla Potter, AQRM Program Manager
Brian Bohlmann, P.E., Emissions Inventory Supervisor
Scott Faber, Emissions Inventory Program Principal
Kelly Bott, Planning Supervisor
Brian Davis, Pinedale BLM Field Office Manager