

**FORT WORTH LEAGUE OF NEIGHBORHOODS RECOMMENDATIONS  
FOR AIR QUALITY STUDY ADDENDUM**

**For purposes of the Air Quality Study, information on these emissions on an AGGREGATE basis is the key to presenting an accurate picture of the situation Fort Worth faces.**

1. As we have noted before, the City should institute a process (paid for by the operators) for ongoing, random 24 hour testing of ambient air using Summa canisters and/or Tedlar gas sampling bags in addition to testing emissions from all equipment at wellsites during all phases of operations, including compressors, gas plants, disposal facilities and gathering lines in the city. The Air Quality Study RFP should include language which requests the design of this process as a part of the study.
2. Include a requirement in the study that includes a pilot program for City Gas Drilling Inspectors to periodically conduct spot testing on various gas well site equipment, using FLIR cameras, toxic vapor analyzers, or any other appropriate equipment. This program should be put in place as a permanent part of the City's gas well inspection process.
3. Ensure that the study firm tests air quality outside the limits of the City of Fort Worth. Citizens need to know what is drifting into our city from gas wells outside the city limits that may have gas and other hydrocarbons with a different makeup..
4. Ensure that the study firm recognizes that gas drilling has never been done on the present scale in an urban area as densely populated as Fort Worth. Ensure that the firm designs its air quality study to take that fact into consideration.
5. Ensure that the final air quality study includes modeling on aggregate emissions on all existing pad site gas drilling equipment currently operating in Fort Worth and further modeling of aggregate emissions for the projected citywide buildout of all drilling. This should include modeling of aggregate emissions from truck trips necessary over the life of the wells.
6. Include a provision in the air quality study for development of a pilot program for ongoing, random 24 hour canister testing of emissions at randomly selected well sites for the duration of drilling in Fort Worth. The study should provide that equipment appropriate for ambient air testing be used at each stage of drilling including fracking, flowback operations, and completions with further random testing of all equipment for the life of the wells.
7. Ensure that the air quality study provides appropriate monitoring of air quality in neighborhoods, at schools, at health care facilities, at facilities which house the elderly, and at any public gathering places which are near well sites. Ensure that continuous, random 24 hour air testing (paid for by the operators) occurs at these well sites beyond the life of the study and for the life of the wells.
8. In addition to this study, the City should employ a health professional to assess all data gathered regarding the health effects of gas drilling emissions on Fort Worth citizens. The suggestion has been made that the University of North Texas Health Science Center faculty could provide such a professional service.
9. The Air Quality Study Committee and city staff should conduct extensive due diligence research ("dig for" is a better term) for any conflicts of interest on the part of any chosen study firm (or its subcontractors) with the gas drilling operators or gas drilling industry such as Devon, Chesapeake, Quicksilver, XTO, or Range Resources (or their subcontractors) or any other firms or their subcontractors active in gas drilling in the City of Fort Worth or the Barnett Shale.
10. Ensure that the final Air Quality Study components include public meetings where the study consultant produces in lay terms for the general public the results of the study.

May 20, 2010