

UGRB Air Quality Citizens Advisory Task Force Objectives

May 9, 2012

Objectives are statements of Task Force members want to achieve. Objectives can range from broad to specific and provide a framework from which to generate specific actions. The Task Force divided into four groups and generated the following list of objectives:

- 1) Energy independence
- 2) BTEX/Reactives (Dehys): Reduce Emissions
- 3) Reduce VOC/NOx from grandfathered operations
- 4) Reduce VOC/NOx sources existing today
- 5) Reduce VOC/NOx sources in the future
- 6) Reduce VOC/NOx from recently permitted and future operations
- 7) Reduce VOC/NOx from exempted operations
- 8) Bring grandfathered permits up to current requirements
- 9) Consider sources outside of the oil and gas industry
- 10) Maintain economic stability
- 11) Explore timing and location for emissions and sources
- 12) Require no-bleed pneumatics for grandfathered equipment
- 13) Require pitless operations (everything in nonattainment area)
- 14) Cumulative effects, coordinate agencies, focus on nonattainment area
 - Funding from emissions
 - Used for research
 - Incentives
 - Local projects
- 15) Determine the needed level of precursor reductions and let industry do it
- 16) Leak detection and repair (LDAR) to verify emission levels in all areas
- 17) Use a short-term strategy to reduce industrial sources of NOx from:
 - Permitted sources
 - Non-stationary sources
 - Grandfathered sources
- 18) Use a short-term strategy to reduce industrial sources of reactive/aromatic VOCs from:
 - Permitted sources
 - Non-stationary sources
 - Grandfathered sources
- 19) Employ a long-term UGRB “management” strategy
- 20) Site preparation: reduce activity to reduce NOx and VOC
- 21) Emission controls: Equipment maintenance: Establish work practices
- 22) Drilling: reduce NOx and VOCs
 - SCRs and natural gas engines
 - Natural gas engines
 - Electrification
 - Reducing pit emissions
- 23) Well Completion/Workover: Reduce NOx and VOCs
 - Observe ozone action days
 - Green completions
 - Minimize venting
 - Imp. Engines on frac fleet
- 24) Production: Reduce NOx and VOCs
 - Tanks / Dehys / Engines / Pneumatics
 - Centralize facilities
 - Reduce fugitives
- 25) Gas to Market: Reduce NOx and VOCs
 - Compressor facilities – engines