



May 30, 2017

The Broomfield Oil and Gas Comprehensive Plan Committee (Committee) was appointed by City Council and is comprised of 12 citizen members and 2 alternate, citizen members. The Committee has been hard at work since March. The Committee meets every Thursday night at 6 pm in the City and County Building and these meetings are open to the public. The Committee has divided itself into four sub-committees of Community Impacts, Public Health, Planning, and Legal.

The Public Health and Community Impacts Sub-Committees are pursuing air quality and noise monitoring in a number of ways, including testing of air and noise at currently operating Extraction well sites in Weld County during the drilling, fracturing, and flowback stages. In addition, The Colorado Department of Health and Environment (CDPHE) has agreed to do some baseline and drilling monitoring at a location near the proposed Lowell and Sheridan sites, with the CDPHE's mobile air quality monitoring device. Also, on the air quality front, Extraction and members of the Committee will be working with a consultant to model the equipment on the proposed Broomfield sites to do estimates of air quality impacts. CDPHE has agreed to review this modeling and the results. The Public Health and Community Impacts Sub-Committees had a combined meeting on Wednesday, May 10, with a presentation from an engineering firm on soils and groundwater testing proposals.

The Community Impacts Sub-Committee, in addition to the work they have done on noise testing for the proposed sites, has met with Extraction for a more detailed look at its traffic plans. The City's Traffic Engineer provided feedback to Extraction regarding additional requirements of the City, including the following action items for Extraction:

- Provide detail of access locations for each well site including sight distance, turning radius of vehicles and a template indicating this is feasible, sight distance, turning volumes in and out of each site for an average day and what to expect during the peak hour.
- Convert truck traffic volumes anticipated on roadways that are being accessed to equivalent single axle loads using existing volumes and proposed with extraction activities.
- Provide core samples of 160th Avenue (east and west of Huron Street) and on Huron Street to determine the adequacy of the existing roadway structure and determine if roadway section is adequate for extraction activities.
- Provide truck routing map and truck turning radius templates and determine if improvements are necessary at intersections along the route.
- Complete traffic report, determine any operational level of service (LOS) changes and geometric modifications necessary as a result of extraction activities.
- At the Lowell site, determine the need for a separate southbound lane on Lowell at Sheridan.
- Operations of extraction activities will not be performed during peak a.m. and p.m. traffic periods and during school hours (generally 7-9 a.m. and 3-6 p.m.)

The Planning Sub-Committee met with Extraction on its alternative site analysis. This sub-committee has reviewed maps to determine alternative sites for review and analysis by a petroleum engineer. The Legal Sub-Committee met with an outside expert on the gaps in water, air quality, and pipeline regulations, comparing federal, state, and existing local regulations, and memorandum of understanding requirements. The Legal Sub-Committee will be taking the recommendations of the other sub-committees and recommending the legal technique for implementation.

The Committee as a whole has had presentations by experts in air and water quality issues, the Colorado Oil and Gas

Conservation Commission (COGCC), CDPHE, Broomfield health inspections program, and emergency response personnel, and a presentation from the Boulder County Attorney's Office on Boulder County's new oil and gas regulations.

Extraction announced to City Council and the Committee at the May 23rd Council meeting that it was further delaying its spacing applications to COGCC for the four proposed Broomfield well sites. Extraction also announced that it would reduce the total well count proposed in Broomfield by 40 wells, reducing the total well count from 139 to 99, which include 29 proposed wells on the Lowell Pad, 19 proposed wells on the Sheridan Pad, 21 proposed wells on the United Pad, and 30 proposed wells on the Huron Pad.

The Committee updated City Council at its meeting on May 23rd. All of the Committee's activities, including tapes of many of their meetings, are available online at:<https://www.broomfield.org/2548/Oil-and-Gas-Comprehensive-Plan-Update-Co>. The agenda for the Committee meeting on June 1st at 6 pm includes a variety of presentations on the issue of pipeline and pipeline safety.