



February 9, 2024

City of Aurora  
Attention: Jeffrey Moore  
15151 E. Alameda Parkway  
Aurora, CO 80012

RE: PHA-HAZOP for the Natural Gas and Oil Pipeline As-Built Site Plan  
Amendment #19  
Monaghan Gas Lift Lines

To Whom it May Concern:

I, an engineer for LDIS, LLC who is contracted to Crestone Peak Resources, attest that a Process Hazard Analysis consisting of a Hazard Operability Study (PHA-HAZOP) has been performed and the recommendations thereof incorporated in the design. Further, applicable recommendations have been incorporated in the Emergency Response Plan and Aurora Fire Rescue training.

For pipeline laterals to be used in the City of Aurora, Colorado, a PHA-HAZOP was facilitated by myself (Tim Miller, PE), a licensed professional engineer who is qualified to conduct PHAs and conducted by a multi-disciplined team. This PHA-HAZOP was performed on October 10<sup>th</sup>, 2024. This study consisted of a risk assessment utilizing the HAZOP methodology which is commonly used while conducting a Process Hazards Analysis (PHA).

If factors specific to the Monaghan Gas Lift Lines location require minor adjustments to the PHA - HAZOP, the City will be notified of those adjustments as they are incorporated into the facility design.

I am a Professional Engineer in the State of Colorado and received my Bachelor of Science from Colorado State University in 2007. I have over 17 years engineering experience in the Oil Gas Industry and have acted as a consultant for multiple companies here in Colorado and across the United States. As an employee of LDIS, LLC (a wholly owned subsidiary of Tetra Tech, Inc.), I have complied with Colorado Revised Statutes (CRS) 12 -25 by CRS 12-25-114(2)(b).

Thanks,

Timothy Miller, PE  
Project Manager  
Colorado PE #46094



This is to certify that

**Dann Keeler**

has completed a special concentrated course on

**Process Hazard Analysis Leadership**

**May 20 - 23, 2019**

This 4-day course is approved for 2.6 Continuing Education Units





Donald K. Lorenzo  
Director, Training Solutions

