



June 21, 2021

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

RE: PHA-HAZOP for the Natural Gas Pipeline As-Built Site Plan  
Amendment #4  
Grande North Lateral

To Whom it May Concern:

I attest that as the engineer of record, 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 constructed in the City of Aurora, Colorado, a Field Wide PHA-HAZOP Study was facilitated by Dawn Keeler, a certified facilitator, and conducted by a multi-disciplined team. This was performed on June 24, 2020. This study consisted of a risk assessment utilizing methodology commonly used while conducting a Process Hazard Analysis (PHA) with a Layers of Protection Analysis (LOPA).

If factors specific to the Grande North Lateral 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 and received my Bachelor of Science from Mississippi State University in 1992. I am the **Engineer of Record** for Crestone Peak Resources Midstream LLC's (CPRM) projects in the City of Aurora, Colorado. Further, as an employee of CPRM, I am exempt from Colorado Revised Statutes (CRS) 12 -120 by CRS 12-120-203 (c).

Regards,

Terry Brey PE #0027784

Facilities Engineering Manager - Facilities & Construction

1801 California Street, Suite 2500, Denver, CO 802 02 | Phone: 720-410-8 500 | Fax: 720-410-8510

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

