



July 26, 2024

Received
Records Management
Jul 26, 2024

Jeff Killip
Director, Pipeline Safety
Utilities & Transportation Commission
PO Box 47250
Olympia, WA 98504-7250

Subject: WAC 480-93-020 8" Yakima HP Replacement Proximity Request

Dear Mr. Killip:

Pursuant to the requirements of WAC 480-93-020 Proximity Considerations, Cascade Natural Gas Corporation (CNGC) requests to operate the proposed pipeline at pressure of 500 psig within 100 feet of existing buildings or those that are under construction. CNGC is performing this work to satisfy Settlement Agreement Docket PG-150120, maintain core customer needs, and have the ability to supply necessary capacities for future growth in Yakima, WA.

Proposed Scope of Work:

The proposed pipeline consists of installing approximately 4,373-feet of new 8-inch steel main. This will connect to the existing Terrace Heights Gate Station at regulator station 032-R-098 that operates at an MAOP of 500 psig and the existing 8" Yakima HP pipeline at the intersection of Terrace Heights Dr and S 17th St which operates at an MAOP of 200 psig. This project replaces a section of the existing pipeline between 032-R-098 and S 17th St. A new regulator station will be installed at S 18th St to regulate the pressure of the new pipeline down to 200 psig before it connects to the existing pipeline. The complete route of this line is depicted on the attached aerial maps located in Appendix A. This Proximity Request is for approval to operate the new pipeline segment at an MAOP of 500 psig. This project is scheduled to be completed in 2 phases.

At the proposed MAOP of 500 psig the stress level of the new pipe and fittings will be a maximum of 12.88% of the specified minimum yield. The Yakima HP replacement will be classified as high-pressure distribution main, not Transmission. One-hundred percent (100%) NDT will be performed on all newly installed pipe.

Specifications of the new 8-inch pipeline are as follows:

- All components (valves, line stoppers, etc.) will be ANSI Class 300 with a maximum working pressure rating of 720 psig.
- All pipe and associated fittings will consist of API 5L specification and of a X52 grade.

Proximity & Alternatives:

Yakima HP replacement pipeline will be within 100 feet of 12 structures as shown in Appendix A. Route analysis and protective measures were taken into consideration when deciding the location of the new pipeline and its proximity to the public and associated facilities.

Alternative routes were explored as detailed in Appendix B. These routes were not chosen because of constructability and protection challenges.

Closing:

CNGC respectfully requests your approval to operate the new 8” Yakima high-pressure pipeline replacement with an MAOP of 500 psig. Construction for the Yakima Replacement project is scheduled to begin in October of 2024 upon approval of this request and other permitting with the City of Yakima and Yakima County. If you have any questions or require additional information, feel free to contact me at (509) 734-4587 or via email at Colby.Lundstrom@mdu.com

Sincerely,

CASCADE NATURAL GAS

Colby Lundstrom

Colby Lundstrom
Manager of Compliance Ops. Programs

CC: Pat Darras
Mike Schoepp
Ryan Privratsky

Enclosures

Appendix A - Buildings within 100-foot proximity to the pipeline and facilities.

Appendix B - Route Alternatives