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Subject: Proximity Request – Yakima Gate Proximity Request

Sender: Colby Lundstrom, Manager of Compliance and Operations Programs, Cascade Natural Gas Co.

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Identification of Proceeding: N/A

Identification of Documents: CNGC - Yakima Gate Proximity Request June 1<sup>st</sup>, 2022.



8113 WEST GRANDRIDGE BOULEVARD, KENNEWICK, WASHINGTON 99336-7166

June 1st, 2022

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

**Subject: WAC 480-93-020 Yakima Gate Proximity Request**

Dear Mr. Mayo:

Pursuant to the requirements of WAC 480-93-020 Proximity Considerations, Cascade Natural Gas Corporation (Cascade) requests to operate the proposed Yakima Gate regulator station inlet at pressure of 960 psig within 500 feet of existing buildings or those that are under construction. Cascade is upgrading the Yakima Gate station, as part of the upgrade Cascade will be taking over regulation at this site from Williams. Previously, Williams was regulating the pressure at this site and they are currently running their inlet at 960# MAOP.

**Proposed Scope of Work:**

The proposed project consists of installing approximately 56-feet of 6-inch steel pipeline and one regulator station. This will connect the existing Williams high-pressure pipeline that operates within a 960# MAOP to Cascades high-pressure distribution system. Cascade will then own the regulation from transmission pressure down to 60# MAOP. The area in question is detailed on the attached aerial map located in Appendix A. This Proximity Request is for approval to operate the new Yakima Gate station inlet at a 960# MAOP.

The new regulator station proposed to be installed will tie-in the Williams NWP Wenatchee line to an existing 8-inch, 250# MAOP line and a 60# MAOP line. The new regulator station and associated pipeline necessary for their installation will be designed with a minimum component rating of 1480 psig and will be pressure tested to a minimum of 1440 psig to achieve a 960# MAOP.

At the proposed 960# MAOP, the stress level of the inlet pipe and pipeline fittings will be a maximum of 24.00% of the specified minimum yield strength. Thus, the Yakima Gate station and associated piping will be classified as Transmission. One Hundred percent (100%) NDT will be performed on all newly installed pipe. All components (pipe, valves, line stoppers, etc.) will be ANSI Class 600 with a maximum working pressure rating of 1480 psig. All pipe and associated fittings will consist of an API 5L Y52 grade steel.

**Proximity & Alternatives:**

The Yakima Gate station will be within 500 feet of 13 structures as shown in Appendix A. Williams is currently operating their pipe at 960# MAOP on the adjacent lot.

An alternative site was not explored as we are tying into existing Cascade facilities at this site. Williams existing facilities are located on the adjacent lot.

**Closing:**

CNGC respectfully requests your approval of this proximity request. Construction is scheduled to begin in July of 2022 upon approval of this request. 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 6/01/2022*

Colby Lundstrom  
Manager of Compliance Ops. Programs

CC: Pat Darras  
Mike Schoepp  
Craig Chapin

Appendix A - Buildings within 500-foot proximity to the pipeline and facilities.

1. 2501 Terrace Heights Rd.
2. 2501 Terrace Heights Rd.
3. 2609 Terrace Heights Dr.
4. 2609 Terrace Heights Dr.
5. 2801 Terrace Heights Dr.
6. 2801 Terrace Heights Dr.
7. 2710 Terrace Heights Dr.
8. 2812 ½ terrace Heights Dr.
9. 2812 ½ terrace Heights Dr.
10. 2608 Terrace Heights Dr.
11. 2608 Terrace Heights Dr.
12. 2506 Terrace Heights Dr.
13. 2506 Terrace Heights Dr.

