

**Form A- Annual Review 8996**

UTC Standard Annual Review Inspection Report  
 Intrastate Operators  
 FORM A: Annual Review

**Inspector and Operator Information**

<b>Inspection ID</b> 8996	<b>Inspection Link</b> 8996	<b>Inspector - Lead</b> David Cullom	<b>Inspector - Assist</b>
<b>Operator</b> Cascade Natural	<b>Unit</b> HQ	<b>Records Location - City &amp; State</b> Kennewick, Wa	
<b>Inspection Start Date</b> 06-25-2025	<b>Inspection Exit Interview Date</b> 06-25-2025	<b>Engineer Submit Date</b>	

**Inspection Summary**

You must include the following in your inspection summary:

- \*Inspection Scope and Summary
- \*Facilities visited and Total AFOD
- \* Summary of Significant Findings
- \* Primary Operator contacts and/or participants

**Summary of Significant Findings**

There were no probable violations or areas of concern.

This Annual Review inspection consisted of a records and procedures review.

**Facilities visited and Total AFODs**

(1) AFODs - Annual Review - No facilities visited

**Primary Operator contacts and/or participants**

Colby Lundstrom, [colby.lundstrom@mdu.com](mailto:colby.lundstrom@mdu.com) MDU Compliance Manager  
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**Operator executive contact and mailing address for any official correspondence**

Mr. Pat Darras  
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**Instructions and Ratings Definitions**

**INSPECTION RESULTS: Annual Review**

<b>Satisfactory Responses</b> 26	<b>Satisfactory List</b> 3,4,5,6,9,10,12,13,14,15,17,18,22,23,24,25,26,27,28,29,30,31,32,35,37,	<b>Number of Unanswered Questions</b> 0	<b>Unanswered List</b>
<b>Unsatisfactory Responses</b> 0	<b>Unsatisfactory List</b>		
<b>Area of Concern Responses</b> 1	<b>Area of Concern List</b> 1,		
<b>Not Applicable Responses</b> 11	<b>Not Applicable List</b> 7,8,16,19,20,21,39,40,42,43,44		
<b>Yes Responses</b> 2	<b>Yes List</b> 34,36,	<b>No Responses</b> 2	<b>No List</b> 38,41
<b>Not Checked / Evaluated Responses</b> 0	<b>Not Checked / Evaluated List</b>		

\*\*If an item is marked Unsat, AOC, N/A, or N/C, an explanation must be included in the "Notes" block for that question and also summarized in the " SUMMARY OF REQUIRED COMMENTS" section at the end of this inspection form.

**ANNUAL REPORT: ACCURACY/TRENDS**

<b>Question #1.</b> Was the Annual Report reviewed for accuracy and trends? If any trends were discovered, please describe.	<b>1. Result</b> Area of Concern
<b>1. Notes</b> Here is the totals for the last four years for "equipment failure" leak cause as defined by PHMSA per the operator I reviewed an example W/O (FA5349005842) Nipple broke on meter set below reg.	

Another one for example W/O (FA4871180201) Replaced Meter  
 Replaced regulator W/O 2427709465

- 2021 - 719
- 2022 - 858
- 2023 - 649
- 2024 - 662

**Access to Complete Distribution Annual Report**

Year	Operator	SYSTEM TOTAL Miles of Main	Miles of Service	SYSTEM TOTAL NO. of Services	Average Service Length
No Report records found					

**Access to Complete Transmission Annual Report**

YEAR	Operator	Commodity Group	Total Total Miles
<b>Cascade Natural Gas Corporation (11 Report records)</b>			
2015	Cascade Natural Gas Corporation	Natural Gas	168.5
2016	Cascade Natural Gas Corporation	Natural Gas	168.39
2017	Cascade Natural Gas Corporation	Natural Gas	167.25
2018	Cascade Natural Gas Corporation	Natural Gas	164.9
2019	Cascade Natural Gas Corporation	Natural Gas	162.8
2019	Cascade Natural Gas Corporation	Natural Gas	162.8
2020	Cascade Natural Gas Corporation	Natural Gas	146.288
2021	Cascade Natural Gas Corporation	Natural Gas	120.941
2022	Cascade Natural Gas Corporation	Natural Gas	117.283
2023	Cascade Natural Gas Corporation	Natural Gas	116.122
2024	Cascade Natural Gas Corporation	Natural Gas	113.73

**Access to Complete Hazardous Liquid Annual Report**

YEAR	Operator	Commodity Group	Inactive?
No Report records found			

**DAMAGE PREVENTION**

**Annual Report Damage Prevention data**

Year	Operator	Number of Excavation Tickets	Total Number of Excavation Damages By Apparent Root Cause:	Locating Practices Not Sufficient:	One-Call Notification Practices Not Sufficient:	Excavation Practices Not Sufficient:	Other:	Number of Services	Total Leaks - Excavation Damage	Total Main Leaks	Miles of Service MAIN	Number of Leaks per Mi of MAI
2023	Cascade Natural Gas Corporation	63,053	165	11	80	74	0	237,640	142	68	5083.07	0.0133777421912
2022	Cascade Natural Gas Corporation	61,696	176	12	77	85	2	235,487	33	378	5029.33	0.0751591166216
2021	Cascade Natural Gas Corporation	64,556	173	16	92	64	1	232,688	49	141	4977.34	0.0283283842375
2020	Cascade Natural Gas Corporation	61,556	184	7	102	73	2	224,967	119	70	4893.27	0.0143053622626
2019	Cascade Natural Gas Corporation	61,553	204	3	115	79	7	224,507				
2018	Cascade Natural Gas Corporation	59,628	231	16	103	111	1	221,925				
2017	Cascade Natural Gas Corporation	52,697	149	5	67	65	12	217,968				
2016	Cascade Natural Gas Corporation	46,819	187	27	78	70	12	214,967				
2015	Cascade Natural Gas Corporation	43,292	173	5	80	71	17	212,051				

**DIRT data on mismarks for prior year**

Damage Cause	Number of Reports
No Report records found	

**DIRT Timeliness - Prior Year Reports must be subm**

SubmitCompanyID - UTCfinalName	Nu
No Report records found	

**Question #2.**

Review the following damage prevention items:

**Q2. Is the damage prevention information in the annual report complete?**

This is currently a manual process until the leak management system is updated

**Q2.b. Is the annual report damages root cause ir**

The subtotals (sub issues) match the total.

**Q2.d Does the operator follow a process to evaluate the cause of "Locating practices not sufficient" category?**

This process is in OPS 611 (Section 9 for Line Locating and markin ) Form 23061 samples were reviewed

**Q2.e. Is the operator or its contractor qualified a**

OPS 611 Section 2

**Q2.g. What is the number of damages resulting from mismarks?**

In 2024 there were 14. The compliance representative double checked and it matches the "14" number

**Q2.h. What is the number of damages resulting i**

In 2024 there were 0 damages.

**Q2.j. Are mapping corrections timely and according to written procedures?**

4911 W Canal was shown as a example. The mapping correction was created 11/27/2024 and completed 5/19/2025. At 1925 24th St in Anacortes the mapping correction had not been submitted. It was created on 7/11/2024 and updated on 5/16/2025 after the operator wrote an NCR (#QIS4953)

**Q2.k. Does the operator follow a process to eval Sufficient"?**

OPS 614 Section 5 (DIRT reporting) - There was 7 before it is submitted to DIRT

**2. Notes**

**NPMS SUBMISSIONS/CHANGES**

**Question #3.**

For transmission operators, has the operator submitted information to the NPMS database, along with changes made after the original submission? **3. Result** Satisfactory

**3. Notes**

A 3/12/25 email to OSAVE was provided.

**INCIDENT/SRC/AOC REPORTS REVIEW**

**Question #4**

Were there any federally reportable incidents during the previous year? Are there any discernable trends to these incidents? **4. Results** Satisfactory

**4. Notes**

Anacortes 3/22/2024 (Due to cost est at 175k)

**Q4: Federally reportable incidents**

NotificationID	Operator	Company	NRC #	Assigned Engineer	Date & Time of Incident	Street Address of event/incident	Incident Address: City	Closure Date	Reporting Level
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No Incident Notification records found

**Question #5.**

Review operator records of previous year's accidents and failures including reported third party damage and leak response. Is the operator ensuring appropriate evaluation and response as required in 192.617 (Gas) or 195.402 (HL) to determine cause of failure? Is the operator taking appropriate steps to minimize the possibility of recurrence?

**5. Result**  
Satisfactory

**5. Notes**

Form 23001 is used for state or federal reportable evaluations. The Anacortes 8" Transmission and 4459 SE Mile Hill Dr 9/24/24. 199 Inglewood Dr was also reviewed.

**Question #6.**

Review incident reports for the previous year for accuracy and identify any trends. If any trends discovered please describe. (Please see list of incident data at end of this report)

**Q6: Incident Reports**

**6. Result**  
Satisfactory

NotificationID	Inspector	Company	Street Address of event/incident	Date & Time of Incident	Is 30-Day Report Received?	Reporting Level
4525	Anthony Dorrough	Cascade Natural Gas Corporation	712 McCann Lane	06-25-2025 08:45 PM	<input type="checkbox"/>	State
4503	Thomas Green	Cascade Natural Gas Corporation	172 Meridian Ct	05-24-2025 12:23 PM	<input checked="" type="checkbox"/>	State
4501	Scott Anderson	Cascade Natural Gas Corporation	S. 4th St. & E. Lincoln Ave.	05-20-2025 12:40 PM	<input checked="" type="checkbox"/>	State
4485	Scott Anderson	Cascade Natural Gas Corporation	840 Stevens Dr.	04-09-2025 08:06 AM	<input checked="" type="checkbox"/>	State
4473	Jason Hoxit	Cascade Natural Gas Corporation	373 S 2nd Ave	03-16-2025 04:36 PM	<input checked="" type="checkbox"/>	State
4472	Anthony Dorrough	Cascade Natural Gas Corporation	6411 W 38th Ave	02-20-2025 12:56 PM	<input type="checkbox"/>	Non-Reportable
4464	David Cullom	Cascade Natural Gas Corporation	Highway 125 and Dallas Military Road	02-07-2025 08:45 PM	<input type="checkbox"/>	Non-Reportable
4457	Anthony Dorrough	Cascade Natural Gas Corporation	19137 4th Ave NE	01-08-2025 08:44 AM	<input checked="" type="checkbox"/>	State
4455	Derek Norwood	Cascade Natural Gas Corporation	3933 Kitsap Way	01-04-2025 11:37 AM	<input checked="" type="checkbox"/>	State
4454	Derek Norwood	Cascade Natural Gas Corporation	3425 Spruce Ave	01-01-2025 08:35 PM	<input checked="" type="checkbox"/>	State
4440	Derek Norwood	Cascade Natural Gas Corporation	7355 Wiser Ln	11-17-2024 03:19 AM	<input type="checkbox"/>	Non-Reportable
4430	Scott Anderson	Cascade Natural Gas Corporation	526 Melcher St.	10-11-2024 10:53 AM	<input checked="" type="checkbox"/>	State
4427	Scott Anderson	Cascade Natural Gas Corporation	201 S. Union	10-09-2024 04:18 PM	<input checked="" type="checkbox"/>	State
4424	Scott Anderson	Cascade Natural Gas Corporation	3309 Sussex Dr.	10-08-2024 11:07 AM	<input checked="" type="checkbox"/>	State
4421	Scott Anderson	Cascade Natural Gas Corporation	27308 103rd Dr. NW	10-07-2024 12:45 PM	<input checked="" type="checkbox"/>	State
4417	Jason Hoxit	Cascade Natural Gas Corporation	4459 SE Mile Hill Dr	09-24-2024 10:34 AM	<input checked="" type="checkbox"/>	State
4414	David Cullom	Cascade Natural Gas Corporation	Lyle Ave and Terry Ln	09-13-2024 10:44 AM	<input checked="" type="checkbox"/>	State
4405	Jason Hoxit	Cascade Natural Gas Corporation	501 W 1st St	09-04-2024 11:10 AM	<input checked="" type="checkbox"/>	State
4404	Jason Hoxit	Cascade Natural Gas Corporation	20211 48th Ave NE	09-03-2024 06:18 PM	<input checked="" type="checkbox"/>	State
4403	Jason Hoxit	Cascade Natural Gas Corporation	214 S 6th St	09-03-2024 07:50 AM	<input checked="" type="checkbox"/>	State
4400	Anthony Dorrough	Cascade Natural Gas Corporation	902 Cedar St	08-27-2024 03:45 PM	<input checked="" type="checkbox"/>	State
4395	Thomas Green	Cascade Natural Gas Corporation	529 Tracey Ave N	08-14-2024 08:24 AM	<input checked="" type="checkbox"/>	State
4386	Derek Norwood	Cascade Natural Gas Corporation	9523 Silverdale Way NW	08-09-2024 01:05 PM	<input checked="" type="checkbox"/>	State
4383	Derek Norwood	Cascade Natural Gas Corporation	Jones Rd & Garden of Eden Rd	08-07-2024 03:10 PM	<input checked="" type="checkbox"/>	State
4371	Anthony Dorrough	Cascade Natural Gas Corporation	4489 NW Cascade St	07-16-2024 12:34 AM	<input checked="" type="checkbox"/>	State
4370	Thomas Green	Cascade Natural Gas Corporation	2713 Madrona St	07-12-2024 10:39 AM	<input checked="" type="checkbox"/>	State
4369	Thomas Green	Cascade Natural Gas Corporation	646 NW Columbia Dr	07-10-2024 06:09 PM	<input checked="" type="checkbox"/>	State
4366	Scott Anderson	Cascade Natural Gas Corporation	1805 24th St.	07-02-2024 03:09 PM	<input checked="" type="checkbox"/>	State
4361	Jason Hoxit	Cascade Natural Gas Corporation	101 E D Street	06-24-2024 11:18 AM	<input checked="" type="checkbox"/>	State
4360	Derek Norwood	Cascade Natural Gas Corporation	SE Larch Ave & Dallas Military Rd	06-23-2024 12:19 AM	<input checked="" type="checkbox"/>	State
4355	Derek Norwood	Cascade Natural Gas Corporation	241 Stahl St	06-17-2024 03:34 PM	<input checked="" type="checkbox"/>	State

NotificationID	Inspector	Company	Street Address of event/incident	Date & Time of Incident	Is 30-Day Report Received?	Reporting Level
4351	Jason Hoxit	Cascade Natural Gas Corporation	2829 Erlands Beach Loop	06-06-2024 01:04 PM	✓	State
4344	Jason Hoxit	Cascade Natural Gas Corporation	2418 River Rd	06-04-2024 08:43 AM	✓	State
4345	David Cullom	Cascade Natural Gas Corporation	825 Broadway Ave	05-28-2024 02:10 PM	✓	State
4340	Scott Anderson	Cascade Natural Gas Corporation	416 Sheridan Rd.	05-21-2024 03:18 PM	✓	State
4322	Lex Vinsel	Cascade Natural Gas Corporation	Intersection of Eastmart Rd and N. Stratford Rd	04-23-2024 08:06 AM	✓	State
4333	David Cullom	Cascade Natural Gas Corporation	4960 4965 5180 Terrace View Drive	04-17-2024 11:54 AM	✓	State
4316	Thomas Green	Cascade Natural Gas Corporation	116 W. 2nd st	03-27-2024 10:27 AM	✓	State
4318	Anthony Dorrough	Cascade Natural Gas Corporation	Swinomish Channel & Route 20	03-22-2024 12:00 AM	✓	Non-Reportable
4314	Derek Norwood	Cascade Natural Gas Corporation	E Game Farm Rd & Finley Rd	03-13-2024 11:34 AM	✓	State
4301	Anthony Dorrough	Cascade Natural Gas Corporation	W 5th St & Division St	01-31-2024 11:45 AM	✓	State
4299	Derek Norwood	Cascade Natural Gas Corporation	2587 E Williams Ln	01-27-2024 03:40 PM	✓	State
4298	Derek Norwood	Cascade Natural Gas Corporation	199 Inglewood Dr	01-22-2024 10:00 AM	✓	State
4294	David Cullom	Cascade Natural Gas Corporation	112 East 4th St	01-15-2024 12:37 AM	<input type="checkbox"/>	Non-Reportable

**6. Notes**

No trends in incidents noted.

**Question #7.**

Were there reportable or unreportable safety related conditions during the previous year? If yes please describe.

**Q7: Report of SRCs**

NotificationID	Company	Safety-Related Condition	SafetyRelatedConditionChoices	Reportable?	Date & Time of Incident	Company Notified Date	Report Date
No Incident Notification records found							

**7. Notes**

No SRCs reportable or non-reportables.

**Question #8.**

For transmission systems, were there any abnormal operating conditions (as described in 192.605 (c) or 195.402(d)) since the last annual review? If yes please describe.

**8. Notes**

No AOCs

**7. Result**  
Not Applicable

**8. Result**  
Not Applicable

**O&M & EMERGENCY PROGRAMS**

**Question #9.**

Is the O&M Manual up to date and were changes made in the previous year?

Operator Manuals on Sharepoint

**9. Result**

Satisfactory

**9. Notes**

Each section has a change log. OPS 614 and 611 had revision logs.

**Question #10.**

If changes to the O&M were made, are changes acceptable?

**10. Result**

Satisfactory

**10. Notes**

No issues noted.

**Question #11.**

Were emergency plans changed during the previous year?

**11. Result**

Satisfactory

**11. Notes**

OPS 613 - Updated meter inspection titles in section 5.2.51/22/24

**Question #12.**

Were any changes to emergency plans satisfactory?

**12. Result**

Satisfactory

**12. Notes**

No issues - no major changes.

**INTEGRITY MANAGEMENT PROGRAMS**

**Question #13**

Were there changes to the Integrity Management programs (TIMP, DIMP or both, as applicable)?

**13. Notes**

OPS 1000 (DIMP) 6/21/24 There were no changes made Appendix C (Threat identificaton) Also a review on 6/14/23.

**13. Result**  
Satisfactory

There were a reviews in 2023 and 2024 for AAs.  
OPS 900 (TIMP) 1/1/25 Addition of year codes and specifications. 2023 review date also checked.

**Question #14.**

Is the DIMP/TIMP up to date? What are the results of the operator's program review (effectiveness evaluation) (DIMP every 5 years)?

**14. Notes**

Last 5 year DIMP review was 2/25/2021. The changes were implemented on 6/1/2021.

**14. Result**  
Satisfactory

**Question #15**

Are IMP program changes acceptable?

**15. Notes**

OPS 900 (TIMP) 1/1/25 Addition of year codes and specifications. Acceptable

**15. Result**  
Satisfactory

**Question #16**

Was appropriate assessment/ repair work conducted during the past year? (monitor progress of IMP activities)

**16. Notes**

No IMP assessments in 2024.

**16. Results**  
Not Applicable

**Question #17**

Does the operator's HCA location data correspond to the positional data located in UTC GIS?

**17. Notes**

This has been suitable. I reviewed the GIS program during this review and standard unit inspections.

**17. Results**  
Satisfactory

**Question #18**

What assessment work is planned for the upcoming year?

**18. Notes**

ECDA in 2025 for Mt Vernon.

**18. Results**  
Satisfactory

**Question #19**

Within the operator's DIMP, are low pressure systems evaluated for overpressure threats?

**19. Notes**

No low pressure systems in Washington State.

**19. Results**  
Not Applicable

**Question #20**

Did the operator develop and follow specific procedures for low pressure system construction or maintenance projects? (Note: this question is revisited in greater detail in the ADB review section)

**20. Notes**

No low pressure systems in Washington State.

**20. Results**  
Not Applicable

**Question #21**

Are plastic pipe and components that have shown a record of defects/leaks being mitigated through the DIMP plans?

**21. Notes**

No plastic materials with a history of defects or leaks in the system.

**21. Results**  
Not Applicable

**Question #22**

Has appropriate DIMP remediation work occurred during the past year? (monitor progress of DIMP activities)

**22. Notes**

Yes this is in the DIMP plan. This is being reviewed as part of the PRP. The ESVP pipe is the main focus.

**22. Results**  
Satisfactory

**Question #23**

What DIMP remediation work is anticipated for upcoming year?

**23. Notes**

The SSIP replacement projects are being performed in Shelton and Kelso.

**23. Results**  
Satisfactory

**OQ PROGRAM**

**Question #24**

Is the OQ program up to date? Were there changes to the Operator Qualification (OQ) program in the last year? If yes, please describe.

**24. Notes**

Last major rewrite was in 2022. This was a rewrite of OPS 800. In 2023, the JTAC process was removed as well.

**24. Results**  
Satisfactory

**Question #25**

Are the OQ plan updates satisfactory?

**25. Notes**

No major plan changes in 2025

**25. Results**  
Satisfactory

**Question #26**

Are personnel performing covered tasks (including contractors) properly qualified and requalified at intervals determined in the operator's plan?

**26. Notes**

This was reviewed in detail during our district inspections and the intervals for requalification were reviewed.

**26. Results**  
Satisfactory

**PUBLIC AWARENESS PROGRAM**

**Question #27**

Is the PA program up to date? And were there changes to the Public Awareness (PA) program within the last year?

**27. Notes**

Changes to the PA plan have been minor (Names and contacts, .etc) OPS 616. Last reviewed 6/13/2025. The operator removed "on-call" as a stakeholder as not a requirement in RP 1162.

**27. Results**  
Satisfactory

**Question #28**

Are changes to the PA program satisfactory?

**28. Results**  
Satisfactory

28. Notes

The changes were suitable.

CONTROL ROOM PROGRAM

Question #29

Is the CRM program up to date? And were there changes to the Control Room Management (CRM) program within the last year?

29. Results

Satisfactory

29. Notes

OPS 631 updated 11/30/23 and 12/3/24 Minor in 2024

Question #30

Are the CRM program changes satisfactory?

30. Results

Satisfactory

30. Notes

There hasn't been significant changes since the 2024 review. The alarm change log was reviewed in 2024. A full CRM inspection was performed in 2024 and there were no negative findings

SAFETY MANAGEMENT SYSTEM API 1173

Question #31

Is the operator developing and implementing an API 1173 Safety Management System?

31. Results

Satisfactory

31. Notes

There is an SMS department that implements API 1173 practices. This has not changed from last years review.

INSPECTOR ASSESSMENT OF INSPECTION UNITS

Question #32

Are inspection units broken down appropriately? Do you recommend any changes to inspection units?

32. Results

Satisfactory

32. Notes

Yakima and Sunnyside could be combined as one unit due to how field staff for the operator cover the areas as a single unit. Possibly Moses Lake and Wenatchee could be combined as well, but is OK how it is.

Q32: List of current inspection units

Unit Name	Distribution/Transmission	Intrastate or Interstate?	GAS or LIQUID	Operator - OPID	Unit ID	Date Created
No Unit records found						

OPERATOR'S PUBLIC WEB PAGE

Question #33

For informational purposes: Using the drop down selections available in the "Results" block, indicate whether the operator's web page contains the information listed by placing a check in the box adjacent to all items that are present.

33. Results

33. Notes

The operators page contains the same info as last year. It was spot checked during this review

- A. <https://www.cngc.com/safety-education/>
- B. <https://www.cngc.com/safety-education/call-before-you-dig/>
- C. <https://www.cngc.com/safety-education/----> Link to https://www.npms.phmsa.dot.gov/>
- D. <https://www.cngc.com/safety-education/>

(on page)

OTHER SAFETY INFORMATION

Excess Flow Valve (EFV)  
 Pipeline Security Information  
[www.pipelineawareness.com](http://www.pipelineawareness.com)  
[www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov)  
[www.commongroundalliance.com](http://www.commongroundalliance.com)  
 How to Read Your Meter

- E. <https://www.cngc.com/safety-education/----> Link to https://www.npms.phmsa.dot.gov/>
- F. <https://www.cngc.com/safety-education/emergency-information/>
- G. <https://www.cngc.com/safety-education/safety-tips/>
- H. <https://www.cngc.com/safety-education/landscaping-guidelines/>
- I. <https://www.cngc.com/safety-education/>

Following are important safety tips for natural gas customers:

Suspect a gas leak?

A patch of discolored soil or dead vegetation, dirt being blown into the air, water bubbling or spraying into the air, fire or explosion.

Unusual noises or a hissing sound.

A strange odor similar to rotten eggs or a recently lit match.

We add an odorant to your natural gas so you can detect a leak should one occur. If you think you might have a gas leak, leave the area immediately. Do not light any matches, use a telephone of any type, operate any light switches or electrical devices, or pull plugs from outlets. Any of these could ignite accumulated gas. When you and everyone else are clear of the area, call us at our toll-free number: 888-522-1130

- J. <https://www.cngc.com/safety-education/landscaping-guidelines/>
- K. <https://www.cngc.com/safety-education/meter-location-guidelines/> and ----> Link to <https://www.npms.phmsa.dot.gov/> and <https://www.cngc.com/safety-education/call-before-you-dig/>
- L. [https://www.cngc.com/safety-education/cross\\_bore\\_safety/](https://www.cngc.com/safety-education/cross_bore_safety/) (DIMP no TIMP A and AAs found, but may be there)
- M. <https://www.cngc.com/safety-education/emergency-information/>

ADVISORY BULLETIN REVIEW

Question #34

Is there potential for damage to the operator's pipeline facilities caused by flooding, river scour, or channel migration?

ADB 2019-01

ADB 2019-01 Flood Mitigation

34. Results

YES

**34. Notes**

Yes

**Question #35**

If "YES" to Q34, did the operator take appropriate action in accordance with the guidance contained ADB 2019-01? Discuss ADB's guidance with operator's representative, and annotate any concerns.

**ADB 2019-01**

ADB 2019-01: Flood Mitigation

**35. Results**  
Satisfactory

**35. Notes**

OPS 610 Section 4.2 - No changes

**Question #36**

Is there potential for the operator's system to be damaged by earth movement or other seismic/geological activities?

**ADB 2019-02**

ADB 2019-02: Earth Movement/Geological Hazards

**36. Results**  
YES

**36. Notes**

Yes

**Question #37**

If "YES" to Q36, did the operator take appropriate action according to ADB 2019-02? Discuss suggested actions from ADB with operator's representative and annotate any concerns.

**ADB 2019-02**

ADB 2019-02: Earth Movement/Geological Hazards

**37. Results**  
Satisfactory

**37. Notes**

OPS 610 Section 5.4.2.6.7.5 - No changes

**Question #38**

Does the operator have any indoor meter sets or regulators in their system?

**ADB 2020-01**

ADB 2020-01 Inside Meter Sets

**38. Results**  
NO

**38. Notes**

No indoor meter sets

**Question #39**

If operator's system has indoor meter sets/regulators, did the operator review ADB 2020-0115? Discuss ADB guidance with operator's representative and annotate any concerns. Particular attention must be given to the operator's plan to conduct leak surveys, AC inspections, and other maintenance activities in locations that are difficult to access, as well as the inclusion of inside meters/regulators within the operator's DIMP plan, as applicable.

**ADB 2020-01**

ADB 2020-01 Inside Meter Sets

**39. Results**  
Not Applicable

**39. Notes**

No indoor meter sets.

**Question #40**

Is the operator's record of locations for all indoor meter sets/regulators within their system complete and sufficiently detailed??

**ADB 2020-01**

ADB 2020-01 Inside Meter Sets

**40. Results**  
Not Applicable

**40. Notes**

No indoor meter sets.

**Question #41**

Does the operator have any low pressure systems?

**ADB 2020-02**

ADB 2020-02 Low Pressure Systems

**41. Results**  
NO

**41. Notes**

No low pressure systems in Washington.

**Question #42**

If "YES" to Q41, did the operator review ADB 2020-0025 for Overpressure Protection of Low-Pressure Natural Gas Distribution Systems? Review ADB guidance with operator and annotate any concerns.

**ADB 2020-02**

ADB 2020-02 Low Pressure Systems

**42. Results**  
Not Applicable

**42. Notes**

No low pressure systems in Washington.

**Question #43**

For low pressure construction/maintenance projects, does the operator have a process for review of engineering plans and constructibility reviews that are carried out through all applicable departments? Do all applicable departments review project plans for accuracy, completeness and correctness? How are control procedures developed that could identify system threats that could result in a common failure mode? How is the operator mitigating risk in their low pressure system?

**ADB 2020-02**

ADB 2020-02 Low Pressure Systems

**43. Results**  
Not Applicable

**43. Notes**

No low pressure systems in Washington.

**Question #44**

Does the operator include all low-pressure system risks in their DIMP program appropriately?

**ADB 2020-02**

ADB 2020-02 Low Pressure Systems

**44. Results**  
Not Applicable

**44. Notes**

No low pressure systems in Washington.

 **SUMMARY OF REQUIRED COMMENTS**

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COMMENTS: Required for any ratings other than Satisfactory. Summarize/consolidate entries from the "Notes" blocks above. Ensure you annotate the question number for each comment.