

**Utilities and Transportation Commission
Pipeline Safety
Operator Annual Review Checklist**

A completed **Annual Review form and Cover Letter/Field Report** must be submitted to the Chief Engineer within **30 days** from completion of the inspection.

Inspection Report			
Inspection ID/Docket Number	8034		
Inspector Name & Submit Date	Anthony Dorrough, 10/23/2020		
Chief Eng Name & Review/Date	Joe Subsits,		
Operator Information			
Name of Operator:	Avista Utilities Corporation (Avista)	OP ID #:	31232
Records Location:	Spokane, WA		
Inspection Date:			

<p>Review Summary:</p> <p><i>This inspection consisted of a review of the Avista annual report archive and supporting documents located here at the Commission as well as an interview over the phone with Randy Bareither/Pipeline Safety Engineer/Avista.</i></p>
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HQ Address: 1411 East Mission PO Box 3727 Spokane WA 99220-3727	System/Unit Name & Address: Avista HQ Same	
Co. Official: Heather Rosentrater/VP Energy Delivery Phone No.: (509) 495-4430 Fax No.: Emergency Phone No.:	Phone No.: Fax No.: Emergency Phone No.:	
Persons Interviewed	Title	Phone No.
Randy Bareither	Pipeline Safety Engineer	(509) 434-6783

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SYSTEM OPERATIONS	
Number of reportable safety related conditions last year: 0	Number of deferred leaks in system: 162
Number of <u>non-reportable</u> safety related conditions last year: 0	Number of excavation damage hits last year: 211
Miles of transmission pipeline within unit (total miles and miles in Class 3 & 4 locations): 76.562 / 6.009	Miles of main within inspection unit(total miles and miles in Class 3 & 4 locations): 3484.897
Operating Pressure(s): Ranges – 25 to 485 PSIG	MAOP: Highest – 500 PSIG
Does the operator have any transmission pipelines?	Yes
Compressor stations? Use Attachment 1.	N/A

Pipe Specifications:			
Year Installed (Range)	1956 to Present	Pipe Diameters (Range)	Range from ½” to 24” diameter
Material Type	Steel, PE	Line Pipe Specification Used	API 5L
Mileage	3484.897 (Main)	SMYS %	47.8% (Max)

REVIEW QUESTIONS		S/Yes	U/No	N/A
1.	Was the Annual Report reviewed for accuracy and trends? If any trends discovered, please describe:	X		
2.	For transmission operators, has the operator submitted information to the NPMS database, along with changes made after the original submission? ---Latest NPMS upload was completed on 2/11/20.	X		
3.	Were there federally reportable incidents during the previous year? ---None in 2019		X	
4.	Were Incident reports reviewed for accuracy and trends? If any trends discovered please describe: ---None to review			X
5.	Were there reportable or unreportable safety related conditions during the previous year? If yes please describe. ---There were zero reportable or unreportable SRCs in 2019 in Washington.		X	
6.	Were there any abnormal operating conditions (as described in 49 CFR 192.605 (c) or 49 CFR 195.402(d))? If yes please describe. ---This item is N/A for Avista as they meet the criteria of 49 CFR 192.605 (c)(5).			X
7	Were there changes to the O&M Manual during the previous year? ---Gas standards are updated annually and an electronic copy of the new 2020 edition was forwarded to UTC on 12/12/19.	X		
8	Are the changes acceptable?	X		
9	Is the O&M Manual up to date? ---Current O&M Manual is 2020 edition of GSM/GESH and expires 12/31/20.	X		
10	Were emergency plans changed during the previous year? ---The Gas Emergency and Service Handbook (GESH) is updated annually and an electronic copy of the new 2020 edition was forwarded to UTC on 12/12/19.	X		
11	Were the changes satisfactory?	X		

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12	Were there changes to the Integrity management program (TIMP and DIMP for LDC's) --- New TIMP Plan Document [Integrity Management Program (IMP) for High-Consequence Areas – Revision 14] was released in 2019 and a copy sent to UTC on 8/19/19. New DIMP Plan Document [Distribution Integrity Management Plan – Revision 7] was released in 2019 and a copy sent to UTC on 12/10/19.	X		
13	Is the integrity management program up to date? What are the results of the operators program review (effectiveness evaluation) (DIMP every 5 years)? --- All required elements of the TIMP Plan continue to be completed and are up to date (annual HCA Patrols, required stand-by watches, Annual P&M Committee Meeting / actions, etc.) The most recent 5-year full DIMP program review occurred in 2016. The main outcome was to begin developing an improved Quantitative Risk Algorithm which was implemented in 2019 with Revision 8 of the DIMP Plan. See DIMP Program Document, Revision 8, Table 10.1-1 for additional details on Program Re-evaluation actions.	X		
14	Are the changes acceptable?	X		
15	Is appropriate assessment/ repair work conducted during the past year? (monitor progress of IMP activities) ----- None was scheduled or required.			X
16	What assessment work is planned for the upcoming year? ---- There is no requirement for TIMP assessment work in 2020 due to the historic nonexistence of HCAs on the company's transmission lines in Washington. (FYI, a new HCA was discovered in late 2018 but assessment is not required for up to ten years.)	X		
17	Has appropriate DIMP remediation work occurred during the past year? (monitor progress of DIMP activities) - --- Ongoing GFRP - Gas Facility Replacement Program (Aldyl A Replacement Program) and the Deteriorated Pipe Replacement Program work continued in 2019. A Utility Cross Bore Post-camera Inspection Program was started in 2019.	X		
18	What DIMP remediation work is anticipated for upcoming year? --- GFRP (Aldyl A), Deteriorated Pipe and Utility Cross Bore post-camera Inspection will continue in 2020.	X		
19	Were there changes to the Operator Qualification program? If yes, please describe. --- The OQ Plan Document is actually Specification 4.31 and Specification 4.31 Appendix A, B, C and D in Avista's Gas Standards Document. Minor edits were made to these specifications in 2019 for the 2020 edition of the Standards. See "2020 Updates, Gas Standards Manual" at the front of the 2020 Gas Standards Manual for more information.	X		
20	Is the Operator Qualification program up to date? --- Current OQ Program is Spec. 4.31 of the 2020 Gas Standards Manual.	X		
21	Are plan updates satisfactory?	X		
22	Are personnel performing covered tasks (including contractors) properly qualified and requalified at intervals determined in the operators plan? --- Contractors and employees follow the requalification intervals noted in Spec. 4.31, Appendix A. OQ Audit scheduled for 5/12 – 5/14/20.	X		
23	Were there changes to the public awareness program? --- The most recent edition of the Public Awareness Program Plan Document (Revision 11) was updated in 2019 and dated 3/15/19. A PA inspection occurred on March 20, 2019. There were no apparent violations.	X		
24	Is the public awareness program up to date? --- Plan document is current and all required mailings to stakeholders have been completed in 2019 and 2020 year to date.	X		

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24	Are changes to the public awareness program satisfactory?	X		
26	<p>Is the following information on the operator's web page? (Not a regulatory question)</p> <ul style="list-style-type: none"> • Pipeline purpose and reliability (See Public Officials Brochure) https://myavista.com/safety/public-officials • Damage Prevention (Yes: https://myavista.com/safety/call-811-before-you-dig) • Pipe location information (Click on Identifying Pipeline Markers) https://myavista.com/safety/public-officials • How to get additional information (Yes: https://myavista.com/about-us/contact-us) • National Pipeline Mapping system (Yes: https://myavista.com/safety/natural-gas-safety/contractors and at this location: https://myavista.com/safety/natural-gas-safety/emergency-responders) • One call requirements (Yes: https://myavista.com/safety/call-811-before-you-dig) • Potential Hazards (Yes: Smell Gas Get Out: https://myavista.com/safety/safety-videos and https://myavista.com/safety/natural-gas-safety/emergency-responders) • Prevention measures (Yes: Call Before you Dig. https://myavista.com/safety/safety-videos) • Leak/ damage recognition (Yes, see safety videos and brochures: https://myavista.com/safety/natural-gas-safety/residential) • ROW encroachment Yes: Safety First Transmission ROW Flyer https://myavista.com/safety/natural-gas-safety) See also Transmission ROW Brochure • Pipeline location information Yes: (Click on Identifying Pipeline Markers) https://myavista.com/safety/public-officials • Integrity management programs Yes: (Click on Identifying Pipeline Markers) https://myavista.com/safety/public-officials • Emergency preparedness Yes: https://myavista.com/outages/outage-to-do-list/plan-ahead, https://user-3golrxp.cld.bz/Natural-gas-and-electric-safety-guide 	X		
27	Were there changes to the Control Room Management Program? ---Control Room Management Plan revisions were completed on 11-15-19 (Revision 16) and a copy emailed to the WUTC on 11/18/19.	X		
28	Is the control room management program up to date? ---CRM Audit scheduled for 3/31 and 4/1/20.	X		
29	Are the control room management program changes satisfactory?	X		
30	Are inspection units broken down appropriately? Do you recommend any changes to inspection units in terms of size? ----Topic was discussed by staff (Scott Rukke) in 2019. No changes were recommended by him at that time.	X		
31	Were there any flow reversals, product changes, or conversions to service since the last review?			X
32	If yes, is the operator taking appropriate actions in accordance with ADB-2014-04?			X

PHMSA ADVISORY BULLETINS: [LINK](#)