

**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	7785		
Inspector Name & Submit Date	Scott Rukke		
Chief Eng Name & Review/Date	10/8/2019		
Operator Information			
Name of Operator:	Avista Utilities	OP ID #:	31232
Records Location:	Primarily Spokane,		
Inspection Date:	Various dates starting 1/18/2019 to 10/8/2019.		

<p>Review Summary: Reviewed 3 years worth of annual reports, material failure reports and various O&M manuals and procedures. In 2014 recorded indicated that Avista had a large spike in reported leaks. It was verified that this was due to a realignment of Avista's leak survey areas and some areas were duplicated. PIMMA mapping for transmission was reviewed and all of their transmission was present and reported. Two unit inspections, a D&A, and PA inspections were incorporated into the annual review records review.</p> <p>No issues noted.</p>

<p>HQ Address: 1411 East Mission PO Box 3727 Spokane, WA 99220-3727</p>	<p>System/Unit Name & Address: Same/Headquarters</p>	
Persons Interviewed	Title	Phone No.
Randy Bareither	Pipeline Safety Engineer	509.495.8716

SYSTEM OPERATIONS	
Number of reportable safety related conditions last year: 0	Number of deferred leaks in system: 47 leaks scheduled for repair
Number of <u>non-reportable</u> safety related conditions last year 0	Number of excavation damage hits last year: 199
Miles of transmission pipeline within unit (total miles and miles in Class 3 & 4 locations): 7.958 miles in class 3. No class 4 (2018 transmission annual report)	Miles of main within inspection unit(total miles and miles in Class 3 & 4 locations): 3,457 miles per company total. Not broke down by class location.
Operating Pressure(s): 25 psig to 485 psig	MAOP: Maximum maop is 500 psig for the Kettle Falls Transmission
Does the operator have any transmission pipelines?	Yes – One, Kettle Falls transmission from Deer Park to Kettle Falls WA
Compressor stations? Use Attachment 1.	N/A

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REVIEW QUESTIONS		S/Yes	U/No	N/A
1.	Was the Annual Report reviewed for accuracy and trends? If any trends discovered, please describe: No trends indicated.	X		
2.	For transmission operators, has the operator submitted information to the NPMS database, along with changes made after the original submission? Yes. The PIMMA database was reviewed and the one segment of transmission that Avista operates has been submitted.	X		
3.	Were there federally reportable incidents during the previous year? None.			X
4.	Were Incident reports reviewed for accuracy and trends? If any trends discovered please describe: No federal incidents. No state incident trends that were observed.	X		
5.	Were there reportable or unreportable safety related conditions during the previous year? If yes please describe. No reportable SRCR's in the previous year. There was one unreportable SRCs for 2018 in Washington. It was repaired prior to the deadline for filing a SRC report and involved the exceedance of an industrial meter set MAOP plus the buildup allowed. It was reported to the UTC on 10/17/18.	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 is N/A for Avista since they meet the exclusion found in 192.605(c)(5). <i>(5) The requirements of this paragraph (c) do not apply to natural gas distribution operators that are operating transmission lines in connection with their distribution system.</i>			X
7	Were there changes to the O&M Manual during the previous year? Avista's procedures manual undergoes constant changes throughout the year. A new electronic and hard copy manual is published annually and submitted to the UTC. Procedures were reviewed during several unit inspections in 2019. A full procedures manual review was not conducted in 2019.	X		
8	Are the changes acceptable? Yes. A full manual review was not scheduled for 2019.	X		
9	Is the O&M Manual up to date? Yes. A full manual review was not scheduled for 2019.	X		
10	Were emergency plans changed during the previous year? Yes. Emergency plans are changed as necessary throughout the year. It is included in Avista's procedures manual on the back side and is known as their GESH manual. A full manual review was not scheduled for 2019. The GESH manual was reviewed during normal unit inspections conducted in 2019.	X		
11	Were the changes satisfactory? Yes	X		
12	Were there changes to the Integrity management program (TIMP and DIMP for LDC's)? Avista's TIMP program has never been fully implemented since they have not had any HCA's on their transmission pipeline. In 2018 Avista found a new HCA and their plan has subsequently been modified by Revision 13. Avista is scheduled for a full TIMP audit in 2020. Avista also released a new DIMP Plan, Revision 7 in 2018. This is considered satisfactory since ASvista is still in a transition phase from no HCA's to having one HCA.	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)? Avista's most recent 5-year full DIMP program review occurred in 2016. Avista is developing an improved Quantitative Risk Algorithm which is now being implemented. Avista is scheduled for a full DIMP inspection in late October 2019. This is satisfactory based on Avista's current DIMP program.	X		
14	Are the changes acceptable? Yes	X		
15	Is appropriate assessment/ repair work conducted during the past year? (monitor progress of IMP activities) None was scheduled or required. None on transmission. DIMP is on-going and several replacement programs are still in progress. No assessment digs for DIMP.	X		

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16	What assessment work is planned for the upcoming year? There is no required assessment work in 2019 since Avista did not have any HCA's until late 2018. The segment where the HCA is located is fairly new 12-inch pipe operating at less than 20%. As of 10/2019 there are no planned assessments in 2010.			X
17	Has appropriate DIMP remediation work occurred during the past year? (monitor progress of DIMP activities) Avista has several on-going pipe replacement projects and all are on track to be remediated within the approved timeframes. Aldyl-A replacement, Isolated steel replacements and remediation. Their PRP plan to replace higher risk pipe.	X		
18	What DIMP remediation work is anticipated for upcoming year? Deteriorated Pipe Replacement Program, and Utility Cross Bore post-camera inspections and related work where needed, Aldyl-A replacement work, Isolated steel replacement and remediation.	X		
19	Were there changes to the Operator Qualification program? If yes, please describe. Several minor changes were made to Avista's O&M Manual and OQ sections. Welding certification dates are recorded differently in response to an AOC issued for their Ritzville inspection unit audit in mid 2019.	X		
20	Is the Operator Qualification program up to date? Yes. Reviewed during two district inspections in 2019. No full OQ inspections were assigned in 2019.	X		
21	Are plan updates satisfactory? Yes	X		
22	Are personnel performing covered tasks (including contractors) properly qualified and requalified at intervals determined in the operators plan? Reviewed during two district inspections in 2019. All contractors and company employees reviewed were qualified per Avista's OQ schedules and requirements. OQ certifications were reviewed in the field while covered tasks were performed.	X		
23	Were there changes to the public awareness program? Avista's PA plan went through a modification in March 2019. A full PA audit was conducted after this modification under #7782. No issues were noted. All major changes were reviewed and found acceptable.	X		
24	Is the public awareness program up to date? A full PA inspection was completed in March 2019 under 7782. There were no issues noted during this inspection.	X		
24	Are changes to the public awareness program satisfactory? A full PA inspection was completed in March 2019 under 7782. There were no issues noted during this inspection.	X		
26	Is the following information on the operator's web page? (Not a regulatory question) <ul style="list-style-type: none"> • Pipeline purpose and reliability No, but our "Excavator Safety Near Natural Gas Pipelines" brochure addresses this and the brochure is in process of being uploaded to the Avista website. • Damage Prevention (Yes: https://myavista.com/safety/call-811-before-you-dig) • Pipe location information (Yes: https://myavista.com/safety/natural-gas-safety/contractors) • 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) • On (One call??) call requirements – 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: https://myavista.com/safety/natural-gas-safety/residential) • ROW encroachment No, but Avista's "Safety First – Transmission Right of Way" brochure addresses this and the brochure is in process of being uploaded to the Avista's website. • Pipeline location information (Yes: https://myavista.com/safety/natural-gas-safety/contractors) • Integrity management programs - No • Emergency preparedness (Yes. Natural Gas Safety Brochure, https://myavista.com/safety/natural-gas-safety) 	X		
27	Were there changes to the Control Room Management Program? No major changes to Avista's Control Room Management program were made since the last full audit. Minor revisions were completed by 11-7-18. These changes included updating alarm management terms to align with current processes as well as updating department names and grammatical corrections. There were no changes to controller processes or procedures as a result of these minor changes.	X		
28	Is the control room management program up to date? Yes. Latest Revision 15 dated 11-7-18 was provided to the WUTC on 11-9-18.	X		

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29	Are the control room management program changes satisfactory? Yes. No major changes since last inspection.	X		
30	Are inspection units broken down appropriately? Do you recommend any changes to inspection units in terms of size? Discussions are under way regarding splitting the Spokane Unit into two inspection units. Discussions are under way to split the Avista Spokane District into two inspection units.	X		
31	Were there any flow reversals, product changes, or conversions to service since the last review? No			X
32	If yes, is the operator taking appropriate actions in accordance with ADB-2014-04? N/A			X

PHMSA ADVISORY BULLETINS: [LINK](#)