

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0629  
EXPIRATION DATE: 1/31/2018



U.S Department of Transportation  
Pipeline and Hazardous Materials Safety Administration

Initial Date Submitted:

02/20/2018

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INITIAL

Date Submitted:

**ANNUAL REPORT FOR  
CALENDAR YEAR 2017  
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

**Important:** Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline/library/forms>.

**PART A - OPERATOR INFORMATION**

(DOT use only)

20187909-34681

1. Name of Operator	AVISTA CORP
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	1411 East Mission (PO Box 3727)
2b. City and County	Spokane
2c. State	WA
2d. Zip Code	99220-3727
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	31232
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	1411 East Mission
4b. City and County	Spokane
4c. State	WA
4d. Zip Code	99220
5. STATE IN WHICH SYSTEM OPERATES	ID
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)	
Natural Gas	
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR (Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.):	
Investor Owned	

**PART B - SYSTEM DESCRIPTION**

**1.GENERAL**

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	0	0	0	533.649	1500.825	0	0	0	0	0	2034.474
NO. OF SERVICES	0	0	0	11874	66453	0	0	0	5	0	78332

2.MILES OF MAINS IN SYSTEM AT END OF YEAR											
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS				
STEEL	0	332.582	117.417	81.340	2.310	0	533.649				
DUCTILE IRON	0	0	0	0	0	0	0				
COPPER	0	0	0	0	0	0	0				
CAST/WROUGHT IRON	0	0	0	0	0	0	0				
PLASTIC PVC	0	0	0	0	0	0	0				
PLASTIC PE	0	1092.800	288.182	119.843	0	0	1500.825				
PLASTIC ABS	0	0	0	0	0	0	0				
PLASTIC OTHER	0	0	0	0	0	0	0				
OTHER	0	0	0	0	0	0	0				
RECONDITIONED CAST IRON	0	0	0	0	0	0	0				
TOTAL	0	1425.382	405.599	201.183	2.31	0	2034.474				
Describe Other Material:											
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR											
					AVERAGE SERVICE LENGTH: 91						
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS				
STEEL	304	11379	183	7	1	0	11874				
DUCTILE IRON	0	0	0	0	0	0	0				
COPPER	0	0	0	0	0	0	0				
CAST/WROUGHT IRON	0	0	0	0	0	0	0				
PLASTIC PVC	0	0	0	0	0	0	0				
PLASTIC PE	1224	64937	277	12	3	0	66453				
PLASTIC ABS	0	0	0	0	0	0	0				
PLASTIC OTHER	0	0	0	0	0	0	0				
OTHER	5	0	0	0	0	0	5				
RECONDITIONED CAST IRON	0	0	0	0	0	0	0				
TOTAL	1533	76316	460	19	4	0	78332				
Describe Other Material:		UNKNOWN MATERIAL									
4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL

<b>MILES OF MAIN</b>	7.054	0	0	91.035	296.983	130.103	105.335	770.776	481.740	151.448	2034.474
<b>NUMBER OF SERVICES</b>	1998	0	0	719	6507	5119	5163	29062	19158	10606	78332

**PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR**

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	1	0	1	0
NATURAL FORCE DAMAGE	0	0	34	21
EXCAVATION DAMAGE	23	23	108	108
OTHER OUTSIDE FORCE DAMAGE	1	1	31	25
PIPE, WELD OR JOINT FAILURE	8	2	21	4
EQUIPMENT FAILURE	4	0	98	2
INCORRECT OPERATIONS	3	1	14	4
OTHER CAUSE	2	1	8	7

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 154

**PART D - EXCAVATION DAMAGE**

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 147

- a. One-Call Notification Practices Not Sufficient: 61
- b. Locating Practices Not Sufficient: 12
- c. Excavation Practices Not Sufficient: 67
- d. Other: 7

2. NUMBER OF EXCAVATION TICKETS : 29026

**PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA**

Total Number Of Services with EFV Installed During Year: 1607

Estimated Number Of Services with EFV In the System At End Of Year: 13376

\* Total Number of Manual Service Line Shut-off Valves Installed During Year: 51

\* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 477

*\*These questions only pertain to reporting years 2017 & beyond.*

**PART F - LEAKS ON FEDERAL LAND**

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0

**PART G-PERCENT OF UNACCOUNTED FOR GAS**

UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (PURCHASED GAS + PRODUCED GAS) EQUALS PERCENT UNACCOUNTED FOR.

INPUT FOR YEAR ENDING 6/30: 0.41%

**PART H - ADDITIONAL INFORMATION**

Part C - 24 leaks were carried over from 2016: 5 were repaired in 2017, 17 were non-reportable once repaired, and 2 were found not to be gas leaks once investigated. Part B - Investigations in "UNKNOWN" pipe resulted in an increase to main pipe installed in 1990-1999.

**PART I - PREPARER**

Brian Schultz, Pipeline Integrity Program Mgr (Preparer's Name and Title)	(509)495-2162 _____ (Area Code and Telephone Number)
Brian.Schultz@avistacorp.com (Preparer's email address)	(509) 777-9815 _____ (Area Code and Facsimile Number)