

# Form A- Annual Review 8249

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

Print Inspection Record PHMSA Pipeline Regulations PHMSA Advisory Bulletins Print Blank Form

## Inspector and Operator Information

|  |   |  |                               |
|--|---|--|-------------------------------|
| <b>Inspection ID</b><br>8249               | <b>Inspection Link</b><br>8249                      | <b>Inspector - Lead</b><br>Dennis Ritter       | <b>Inspector - Assist</b><br> |
| <b>Operator</b><br>Avista Corporation      | <b>Unit</b><br>Avista Corporation - Headquarters    | <b>Records location - City &amp; State</b><br> |                               |
| <b>Inspection Start Date</b><br>06-21-2021 | <b>Inspection Exit Interview Date</b><br>06-21-2021 | <b>Engineer Submit Date</b><br>                |                               |

## 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

### Inspection Scope and Summary:

This inspection will review documents as noted below.

### Facilities visited and Total AFODs:

No facilities were visited, there was a MS Teams meeting to review the question with the operator on June 21, 2021. 0.5 AFODs

### Summary of Significant Findings:

There were no findings associated with this annual review.

### Primary Operator Contacts and/or participants:

Randy Bareither, Avista Corporation, Pipeline Safety Engineer

## Instructions and Ratings Definitions

### INSPECTION RESULTS: Annual Review

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

\*\*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.

## Crew Inspection History

Click Link for Full List of Crew Inspections

| Determination crew inspection Date | Inspector         | Operator           | Unit                             | Type of Work     | Foreman Name  | Contractor Name | Comments / Observations for Operator  |
|------------------------------------|-------------------|--------------------|----------------------------------|------------------|---------------|-----------------|---|
| 05-05-2022                         | Darren Tinnerstet | Avista Corporation |                                  | Main Extension   | Justin Hardy  |                 |   |
| 05-05-2022                         | Darren Tinnerstet | Avista Corporation |                                  | Main Extension   | Brett Freeman |                 |   |
| 05-05-2022                         | Darren Tinnerstet | Avista Corporation |                                  | Main Replacement | Jake Neilsen  |                 |   |
| 04-20-2022                         | Darren Tinnerstet | Avista Corporation | Avista - Spokane - 7897          | Main Replacement | Kelly Wallen  | Michels         |   |
| 03-23-2022                         | Derek Norwood     | Avista Corporation | Avista - Pullman/Clarkston -7895 | New Service      |               | Curry Inc.      |   |
| 03-22-2022                         | Derek Norwood     | Avista Corporation | Avista - Ritzville - 7896        | New Service      |               |                 |   |
| 03-22-2022                         | Derek Norwood     | Avista Corporation | Avista - Ritzville - 7896        | Other            | Hayden Graham |                 |   |
| 10-21-2021                         | Anthony Dorrough  | Avista Corporation | Avista - Ritzville - 7896        | Service Repair   | Ed Trzcinski  | NPL             | Staff observed that the location was behind a private drive with gated access - no entry was possible. Was unsure whether or not a crew was on site.  |
| 10-21-2021                         | Anthony Dorrough  | Avista Corporation | Avista - Spokane - 7897          | New Service      | Andrew Murphy | NPL             | Staff observed crew in the process installing a new 3/4-inch PE gas service, tying into an existing 3/4-inch PE stub (2009). On site were: Foreman/Fitter/Andrew Murphy; Fitter/Laborer/Andrew O-Reilly and Operator/jax Render.<br>Calibration audit:<br>CGI #1641-019545 last 10/11/21<br>Test Gauge #GPG-626 due 12/10/21<br>Electrofusion Machine (Genesis) #1032456 12/30/21<br>Butt Fuse PE Cradle 4-inch last 6/21<br>PE found on truck: 2-inch 10/31/19 & 2/24/2020; 3/4-inch 6/21/21 |
| 10-21-2021                         | Anthony Dorrough  | Avista Corporation | Avista - Spokane - 7897          | New Service      | Kyle Lorenzen | NPL             | Staff observed crew in the process of installing a new 3/4-inch PE gas service, tying into an existing 2-inch PE main (2013). On site were: Foreman/Kyle Lorenzen; Fitter/Laborer/Allen Brazington and Operator/Judd Gridley.<br>Calibration audit:<br>CGI #1422-018623 last 10/4/21<br>Test Gauge #GPG-00623 due 12/16/21<br>Electrofusion Machine (Genesis) #1032196 12/30/22<br>PE found on truck: 2-inch 11/1/19 and 3/4-inch 6/28/21   |

| Determination crew inspection Date | Inspector        | Operator           | Unit                             | Type of Work     | Foreman Name   | Contractor Name          | Comments / Observations for Operator  |
|------------------------------------|------------------|--------------------|----------------------------------|------------------|----------------|--------------------------|---|
| 10-21-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Main Install     | Eric Wiedeman  | NPL                      | Staff observed crew in the process of installing new 2-inch PE gas main and 3/4-inch service. Also on site were: Foreman/Eric Wiedeman; Fitter/Operator/Travis Shane and Fitter/Laborer/Ken Brinkley.<br>Calibration audit:<br>CGI #1710-019654 last 10/21/21<br>Test Gauge #GPG-01012 due 1/27/22<br>Test Gauge #GPG-00814 1/27/22<br>Electrofusion Machine (Genesis) #1032727 2/17/23<br>PE found on truck: 2-inch 10/27/2020; 3/4-inch 6/21/21 and 1/2-inch 1/14/19.   |
| 10-21-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | New Service      | Chad Leonard   |                          | Staff observed that the work had already been completed.  |
| 10-21-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Main Install     | Travis Ward    |                          | Staff observed crew installing new 2-inch PE main, tying into existing 2-inch STW main (1965). On site were: Foreman/Fitter/Travis Ward; Journeyman Fitter/Josh Radezky and Apprentice/Levi Butler.<br>Calibration audit:<br>CGI #59 due 11/6/21<br>Electrofusion Machine (Genesis) #328349 due 3/19/24<br>Test Gauge #GPG-00606 12/18/21<br>Test Gauge #GPG-01029 12/18/21<br>PE found on truck: 2-inch 7/29/2020; 3/4-inch 5/18/19 and 1/2-inch 6/14/21.  |
| 10-20-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Other            | Schuyler Price | NPL                      | Staff observed crew in the process of raising a riser with a double valve on an existing 3/4-inch PE gas service and removing one of them that was discovered to be corroded. On site were: Foreman/Schuyler Price and Operator/Fitter/Marty Anderson.  |
| 10-20-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Main Install     | Jake Struve    |                          | Staff observed crew in the process of installing new 2-inch PE gas main to new const. plat, tying into existing 2-inch PE main (2020). On site were: Lead Foreman/Seth Schaeffer; Foreman/Jake Struve; Journeyman Fitter/Taylor Sudbrink and Apprentice/Cody VanderZanden.<br>Calibration audit:<br>Multimeter #487602256SV 12/21<br>Halfcell #WA-049 12/21<br>Water Manometer #GPG-01036 8/14/22<br>Gas Scope #98 11/5/21<br>Test Gauge #GPG-00533 2/2/22<br>Test Gauge #GPG-00383 2/3/22<br>PE found on truck: 1/2-inch 8/13/2020 and 3/4-inch 3/2/19   |
| 04-29-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Other            | Tim Hammond    |                          | Staff observed crew in the process of installing a new EFV due to increased customer load, old EFV(2011). Also on site were Fitter/Jake Morris; Apprentice Fitter/Cody Gubler and Crewman/Rory Sager.<br>Calibration audit:<br>CGI #78 3/14/21<br>Electrofusion Machine #3283501 3/19/24<br>Halfcell #WA008 12/21<br>Multimeter #84370418 12/21<br>Test Gauge #00399 2/3/22<br>PE found on the truck: 3/4-inch 5/30/2020  |
| 04-29-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Main Extension   | Jake Struve    |                          | Staff observed crew in the process of installing 6-inch and 2-inch PE main to service new const. commercial building, tying into existing 2-inch main. Also on site were Fitter/Operator/Josh Radezky and Crewman/Brandon Hartill.<br>Calibration audit:<br>CGI #98 6/23/21<br>Test Gauge #GPG05382 1/10/22<br>Multimeter #48760256-SV 12/21<br>Halfcell #SN/WA049 12/21<br>UVI #GPG01036 8/14/21<br>Electrofusion Machine #2846 7/28/22<br>PE found on trailer: 6-inch 10/2/2020   |
| 04-29-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Other            | Travis Ward    |                          | Staff observed that work had already been completed.  |
| 04-29-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Other            | Justin Hardy   |                          | Staff observed that work had already been completed.  |
| 04-29-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Relocate/Abandon | Hayden Graham  |                          | Staff observed crew in the process of relocating an existing 3/4-inch PE service to clear for installation of a retaining wall, tying into an existing 6-inch PE main. Also on site were apprentice Fitter/Dylan Huber; Fitter/Dusty Dershon; Apprentice Fitter/Jeremy McKinney and Crewman/Connor Barber.<br>Calibration audit:<br>Multimeter #40720337-WS 12/21<br>Halfcell #SN/WA029 12/21<br>CGI #67 5/14/21<br>Electrofusion Machine 6/16/21<br>PE found on truck: 2-inch 4/21/2020; 3/4-inch 3/29/2020 and 1/2-inch 5/17/19   |
| 04-28-2021                         | Anthony Dorrough | Avista Corporation | Avista - Pullman/Clarkston -7895 | New Service      | Brian Curry    | Curry Inc.               | Staff observed crew in the process of installing a 3/4-inch PE service, tying into a 3/4-inch PE stub on a new const. lot.<br>Calibration audit:<br>CGI #RS 4/12/21<br>Test Gauge #GPG00231 6/26/21<br>PE found on truck: 3/4-inch 3/30/2020  |
| 04-28-2021                         | Anthony Dorrough | Avista Corporation | Avista - Pullman/Clarkston -7895 |                  |                |                          | Staff observed that apparently work had not been started.   |
| 04-28-2021                         | Anthony Dorrough | Avista Corporation | Avista - Pullman/Clarkston -7895 |                  |                |                          | Staff observed that apparently work had not been started.   |
| 04-28-2021                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7897          | Relocate/Abandon | Jake Neilsen   |                          | Staff observed crew in the process of relocating an MSA after a deck was built over it. Also on site was Apprentice Fitter/Emily Stannard.<br>Calibration audit:<br>UEI Gauge #00395 12/14/21<br>Test Gauge #GPG00644 12/18/21<br>CGI #94 5/14/21<br>Electrofusion Machine #FR9930590*<br>Multimeter #39951649-WS 12/20/21<br>Halfcell #SN/WA054 12/20/21<br>PE found on the truck: 2-inch 4/21/2020 and 3/4-inch 5/30/2020<br>*Staff found out of calibration but learned that the equipment an older version no longer being used and should have been removed from the truck. Since the equipment was not involved in the work on site no follow-up investigation is needed. |
| 03-24-2021                         | Derek Norwood    | Avista Corporation | Avista - Spokane - 7897          | Main Extension   | Hayden Graham  |                          |   |
| 03-24-2021                         | Derek Norwood    | Avista Corporation | Avista - Spokane - 7897          | Other            | Elmo McClean   | NPL                      |   |
| 10-07-2020                         | David Cullom     | Avista Corporation | Avista - Ritzville - 7896        | Other            | Don Williams   | Don Williams             |   |
| 11-19-2019                         | Scott Anderson   | Avista Corporation | Avista - Ritzville - 7896        | New Service      | Don Williams   | Don Williams             |   |
| 09-05-2019                         | Derek Norwood    | Avista Corporation | Avista - Spokane - 7897          | New Service      | Trevor Butler  |                          |   |
| 06-06-2019                         | David Cullom     | Avista Corporation | Avista - Ritzville - 7896        | Main Extension   | Don Williams   | Don Williams             | Great, personable crew  |
| 05-08-2019                         | Scott Anderson   | Avista Corporation | Avista - Ritzville - 7896        | Main Install     | Don Williams   | Don Williams Contracting | No crew on-site, locates present. Job looked to be a main install since there was an existing trench on the side of the road and no residences.   |
| 05-08-2019                         | Derek Norwood    | Avista Corporation | Avista - Spokane - 7897          | Main Extension   | Hayden Graham  |                          |   |
| 10-24-2018                         | Dennis Ritter    | Avista Corporation | Avista - Ritzville - 7637        |                  | Hayden Graham  |                          | No crew on site   |
| 10-24-2018                         | Dennis Ritter    | Avista Corporation | Avista - Ritzville - 7637        |                  | Hayden Graham  |                          | No crew on site at this address or the other Ritzville address, 102 E Birch.  |

| Determination crew inspection Date | Inspector        | Operator           | Unit                          | Type of Work | Foreman Name    | Contractor Name          | Comments / Observations for Operator |
|------------------------------------|------------------|--------------------|-------------------------------|--------------|-----------------|--------------------------|--------------------------------------|
| 10-23-2018                         | Dennis Ritter    | Avista Corporation | Avista - Ritzville - 7637     |              |                 |                          | No crew on site. No issues noted     |
| 08-21-2018                         | David Cullom     | Avista Corporation | Avista - HQ - 7633            |              |                 |                          |                                      |
| 08-21-2018                         | David Cullom     | Avista Corporation | Avista - HQ - 7633            |              |                 |                          |                                      |
| 08-21-2018                         | David Cullom     | Avista Corporation | Avista - HQ - 7633            |              |                 |                          |                                      |
| 08-21-2018                         | David Cullom     | Avista Corporation | Avista - HQ - 7633            |              |                 |                          |                                      |
| 08-20-2018                         | David Cullom     | Avista Corporation | Avista - HQ - 7633            |              |                 |                          |                                      |
| 06-27-2018                         | Scott Anderson   | Avista Corporation | Avista - Ritzville - 7637     |              | Don Williams    | Don Williams Contracting |                                      |
| 05-09-2018                         | David Cullom     | Avista Corporation | Avista - Colville - 7634      |              |                 |                          |                                      |
| 05-09-2018                         | David Cullom     | Avista Corporation | Avista - Colville - 7634      |              |                 |                          |                                      |
| 05-03-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Davis Critelli  | NPL                      |                                      |
| 05-03-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Clayton Coleman | NPL                      |                                      |
| 05-03-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Doug Jacobsen   | NPL                      |                                      |
| 05-03-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Mark Plaster    | NPL                      |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Greg Mattison   |                          |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Al Flaa         |                          |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Doug Jacobsen   | NPL                      |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Justin Shaw     | NPL                      |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Kelly Skurupey  | NPL                      |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Ken Carvalho    |                          |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7636       |              | Ken Carvalho    |                          |                                      |
| 05-02-2018                         | Anthony Dorrough | Avista Corporation | Avista - HQ - 7633            |              | Russ Schupman   |                          |                                      |
| 04-26-2018                         | Derek Norwood    | Avista Corporation | Avista - Ritzville - 7637     |              |                 |                          |                                      |
| 03-21-2018                         | Derek Norwood    | Avista Corporation | Avista - Ritzville - 7637     |              | Hayden Graham   |                          |                                      |
| 08-24-2017                         | Derek Norwood    | Avista Corporation | Avista - Ritzville - 7383     |              | Don Williams    | Don Williams Contracting |                                      |
| 07-19-2017                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7384       |              | Eric Wiedeman   | NPL                      |                                      |
| 07-19-2017                         | Anthony Dorrough | Avista Corporation | Avista - Spokane - 7384       |              | Steven Fitzner  | NPL                      |                                      |
| 04-19-2017                         | Derek Norwood    | Avista Corporation | Avista - Ritzville - 7383     |              |                 |                          |                                      |
| 04-13-2017                         | Dennis Ritter    | Avista Corporation | Avista - Spokane - 7384       |              | Matt Pooler     |                          |                                      |
| 04-13-2017                         | Dennis Ritter    | Avista Corporation | Avista - Spokane - 7384       |              | Russ Schupman   |                          |                                      |
| 04-13-2017                         | Dennis Ritter    | Avista Corporation | Avista - Spokane - 7384       |              |                 |                          |                                      |
| 04-13-2017                         | Dennis Ritter    | Avista Corporation | Avista - Spokane - 7384       |              |                 |                          |                                      |
| 04-10-2017                         | Dennis Ritter    | Avista Corporation | Avista - Spokane - 7384       |              | Ken Carvalho    | NPL                      |                                      |
| 03-02-2017                         | Derek Norwood    | Avista Corporation | Avista - Pullman/Clark - 7373 |              | Dylan Curry     | Curry Inc.               |                                      |

## Facility Inspection History

[Link for Full List of Facility Inspections](#)

| Date       | Inspection ID | Form A Operator Name | Other Company  | Inspector     | Type of Inspection | Do you have inspection pictures or file attachments? |
|------------|---------------|----------------------|----------------|---------------|--------------------|--|
| 04-21-2022 |               |                      |                | David Cullom  | Facility           | Yes  |
| 04-21-2022 |               |                      |                | David Cullom  | Facility           | Yes  |
| 03-23-2022 |               |                      |                | Derek Norwood | Facility           | Yes  |
| 03-23-2022 |               |                      |                | Derek Norwood | Facility           | Yes  |
| 03-22-2022 |               |                      |                | Derek Norwood | Facility           | Yes  |
| 02-09-2021 |               |                      | Trans Mountain | Dennis Ritter | Pre-Field          | No   |
| 08-12-2020 |               |                      |                | Scott Rukke   | Facility           | Yes  |
| 06-24-2020 |               |                      |                | Derek Norwood | Facility           | Yes  |
| 06-24-2020 |               |                      |                | Derek Norwood | Facility           | Yes  |

## Scheduled Inspection History

**Annual Review Inspection History**

| Year of Inspection                         | Facility - Operator | Unit Name                                 | Inspection ID | Inspection Type             | Inspection Status | Closed Date | Next Inspection Interval | SHAREPOINT |
|--|---------------------|---|---------------|-----------------------------|-------------------|-------------|--------------------------|------------|
| <b>Avista Corporation (49 Inspections)</b> |                     |   |               |                             |                   |             |                          |            |
| 2021                                       | Avista Corporation  | Avista Corporation-Headquarters           | 8154          | CRM - GAS                   | Complete          | 04-20-2021  | 02-17-2025               | Documents  |
| 2021                                       | Avista Corporation  | Avista Utilities Corp - Pullman/Clarkston | 8248          | Standard Comprehensive - GD | Complete          | 05-07-2021  | 04-29-2024               | Documents  |
| 2021                                       | Avista Corporation  | Avista Corporation-Headquarters           | 8249          | Standard - Annual Review    | Complete          | 06-22-2021  | 06-21-2022               | Documents  |
| 2021                                       | Avista Corporation  | Avista Corporation-Headquarters           | 8250          | Pipe Replacement Plan       | Complete          | 08-26-2021  | 07-08-2023               | Documents  |

| Year of Inspection | Facility - Operator | Unit Name                                 | Inspection ID | Inspection Type  | Inspection Status | Closed Date | Next Inspection Interval | SHAREPOINT |
|--------------------|---------------------|---|---------------|--|-------------------|-------------|--------------------------|------------|
| 2021               | Avista Corporation  | Avista Utilities Corp - Spokane           | 8330          | Design, Testing & Construction - Gas                             | In the Workflow   |             | 03-02-2022               | Documents  |
| 2021               | Avista Corporation  | Avista Corporation-Headquarters           | 8382          | Damage Prevention  | Complete          | 09-03-2021  | 09-01-2021               | Documents  |
| 2021               | Avista Corporation  | Avista Corporation-Headquarters           | 8383          | Damage Prevention  | Complete          | 09-03-2021  | 09-03-2021               | Documents  |
| 2021               | Avista Corporation  | Avista Corporation-Headquarters           | 8474          | Damage Prevention  | Complete          | 12-15-2021  | 11-23-2021               | Documents  |
| 2020               | Avista Corporation  | Avista Utilities Corp - Colville          | 8030          | Standard Comprehensive - GD                                      | Complete          | 10-26-2020  | 08-27-2023               | Documents  |
| 2020               | Avista Corporation  | Avista Corporation-Headquarters           | 8031          | OQ - Operator Qualification                                      | Complete          | 10-27-2020  | 09-29-2024               | Documents  |
| 2020               | Avista Corporation  | Avista Utilities Corp - Transmission      | 8032          | Standard Comprehensive - GT                                      | Complete          | 10-27-2020  | 08-27-2023               | Documents  |
| 2020               | Avista Corporation  | Avista Utilities Corp - Transmission      | 8033          | TIMP - Gas Transmission Integrity Management                     | Complete          | 10-26-2020  | 08-27-2023               | Documents  |
| 2020               | Avista Corporation  | Avista Corporation-Headquarters           | 8034          | Standard - Annual Review   | Complete          | 10-29-2020  | 09-29-2021               | Documents  |
| 2020               | Avista Corporation  | Avista Corporation-Headquarters           | 8097          | OM PPR GAS - Operations & Maintenance, Plans & Procedures Review | Complete          | 11-02-2020  | 09-29-2024               | Documents  |
| 2019               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7779          | Standard Comprehensive - GD                                      | Complete          | 10-17-2019  | 09-26-2022               | Documents  |
| 2019               | Avista Corporation  | Avista Utilities Corp - Ritzville         | 7780          | Standard Comprehensive - GD                                      | Complete          | 09-25-2019  | 08-14-2022               | Documents  |
| 2019               | Avista Corporation  | Avista Corporation-Headquarters           | 7781          | DIMP - Gas Distribution Integrity Management                     | Complete          | 11-01-2019  | 10-29-2022               | Documents  |
| 2019               | Avista Corporation  | Avista Corporation-Headquarters           | 7782          | PA - Public Awareness  | Complete          | 04-02-2019  | 03-20-2023               | Documents  |
| 2019               | Avista Corporation  | Avista Corporation-Headquarters           | 7783          | DA - Drug & Alcohol  | Complete          | 01-09-2020  | 06-25-2023               | Documents  |
| 2019               | Avista Corporation  | Avista Corporation-Headquarters           | 7784          | Pipe Replacement Plan  | Complete          | 09-26-2019  | 06-14-2021               | Documents  |
| 2019               | Avista Corporation  | Avista Corporation-Headquarters           | 7785          | Standard - Annual Review   | Complete          | 10-16-2019  | 10-08-2020               | Documents  |
| 2019               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7962          | Compliance Investigation and Follow Up                           | Complete          | 08-19-2020  | 08-19-2019               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7594          | Damage Prevention  | Complete          | 02-12-2018  | 02-12-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7622          | Damage Prevention  | Complete          | 02-26-2018  | 02-23-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7662          | Damage Prevention  | Complete          | 03-27-2018  | 03-26-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7682          | Incident Investigation   | Complete          | 04-30-2018  | 03-29-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7689          | Damage Prevention  | Complete          | 04-12-2018  | 04-12-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Spokane           | 7748          | Damage Prevention  | Complete          | 09-10-2018  | 08-16-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Transmission      | 7557          | Standard Comprehensive - GT                                      | Complete          | 08-20-2018  | 07-26-2021               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Pullman/Clarkston | 7560          | Standard Comprehensive - GD                                      | Complete          | 08-20-2018  | 07-26-2021               | Documents  |
| 2018               | Avista Corporation  | Avista Utilities Corp - Colville          | 7558          | Standard Comprehensive - GD                                      | Complete          | 08-20-2018  | 07-26-2021               | Documents  |
| 2018               | Avista Corporation  | Avista Corporation-Headquarters           | 7888          | Damage Prevention  | Complete          |             | 12-07-2018               | Documents  |
| 2018               | Avista Corporation  | Avista Corporation-Headquarters           | 7887          | Damage Prevention  | Complete          |             | 12-03-2018               | Documents  |
| 2017               | Avista Corporation  | Avista Utilities Corp - Ritzville         | 7260          | Standard Comprehensive - GD                                      | Complete          | 09-07-2017  | 05-17-2020               | Documents  |
| 2017               | Avista Corporation  | Avista Corporation-Headquarters           | 7251          | OM PPR GAS - Operations & Maintenance, Plans & Procedures Review | Complete          | 05-02-2017  | 04-18-2021               | Documents  |
| 2017               | Avista Corporation  | Avista Utilities Corp - Transmission      | 7259          | TIMP - Gas Transmission Integrity Management                     | Complete          | 12-08-2017  | 11-14-2020               | Documents  |
| 2017               | Avista Corporation  | Avista Corporation-Headquarters           | 7301          | PA - Public Awareness  | Complete          | 04-21-2017  | 03-29-2021               | Documents  |
| 2017               | Avista Corporation  | Avista Corporation-Headquarters           | 7302          | OQ - Operator Qualification                                      | Complete          | 12-04-2017  | 11-07-2021               | Documents  |
| 2017               | Avista Corporation  | Avista Corporation-Headquarters           | 7303          | CRM - GAS  | Complete          | 10-06-2017  | 09-06-2021               | Documents  |
| 2017               | Avista Corporation  | Avista Corporation-Headquarters           | 7454          | Pipe Replacement Plan  | Complete          | 10-26-2017  |                          | Documents  |
| 2016               | Avista Corporation  | Avista Utilities Corp - Spokane           | 6660          | Damage Prevention  | Complete          | 04-27-2016  | 02-10-2016               | Documents  |
| 2016               | Avista Corporation  | Avista Utilities Corp - Spokane           | 6770          | Standard Comprehensive - GD                                      | Complete          | 10-05-2016  | 08-09-2019               | Documents  |
| 2016               | Avista Corporation  | Avista Utilities Corp - Spokane           | 6940          | Damage Prevention  | Complete          | 12-21-2016  | 06-10-2016               | Documents  |
| 2016               | Avista Corporation  | Avista Corporation-Headquarters           | 6746          | DIMP - Gas Distribution Integrity Management                     | Complete          | 08-30-2016  | 08-09-2019               | Documents  |
| 2015               | Avista Corporation  | Avista Utilities Corp - Spokane           | 6623          | Damage Prevention  | Complete          | 08-16-2016  | 12-21-2015               | Documents  |
| 2015               | Avista Corporation  | Avista Utilities Corp - Spokane           | 6661          | Damage Prevention  | Complete          | 04-26-2016  | 12-07-2015               | Documents  |
| 2015               | Avista Corporation  | Avista Utilities Corp - Transmission      | 6192          | Standard Comprehensive - GT                                      | Complete          | 09-25-2015  | 07-22-2018               | Documents  |
| 2015               | Avista Corporation  | Avista Utilities Corp - Pullman/Clarkston | 6194          | Standard Comprehensive - GD                                      | Complete          | 02-23-2016  | 11-20-2018               | Documents  |
| 2015               | Avista Corporation  | Avista Utilities Corp - Colville          | 6193          | Standard Comprehensive - GD                                      | Complete          | 02-23-2016  | 11-20-2018               | Documents  |

## Gas System Operations History

Annual Report - Miles of Main

| Year | Operator           | SYSTEM TOTAL Miles of Main | Miles of Service | SYSTEM TOTAL NO. of Services | Average Service Length |
|------|--------------------|----------------------------|------------------|------------------------------|------------------------|
| 2021 | Avista Corporation | 44,211.79                  | 2,633.00         | 126,810.483                  | 83                     |
| 2020 | Avista Corporation | 3507.559                   | 2,598.98         | 165,333                      | 83                     |
| 2020 | Avista Corporation | 3507.559                   | 2,598.98         | 165,333                      | 83                     |
| 2019 | Avista Corporation | 3484.897                   | 2,572.72         | 163,662                      | 83                     |
| 2018 | Avista Corporation | 3457.304                   | 2,562.70         | 161,084                      | 84                     |
| 2017 | Avista Corporation | 3430.169                   | 2,515.10         | 158,092                      | 84                     |
| 2016 | Avista Corporation | 3401.195                   | 2,460.36         | 154,651                      | 84                     |
| 2015 | Avista Corporation | 3374.75                    | 2,437.92         | 151,438                      | 85                     |

Annual Report GAS Transmission Miles

| YEAR       | Total Total Miles | e. Total tool mileage inspected in calendar year using in-line inspection tools |
|------------|-------------------|---|
| 2020       | 76.562            | 0   |
| 2019       | 76.562            | 0   |
| 2018       | 76.573            | 0   |
| 2015       | 72.692            | 0   |
| 2016       | 72.591            | 0   |
| 2017       | 72.589            | 0   |
| <b>TOT</b> | <b>447.569</b>    | <b>0</b>  |

Annual Report - Leaks

| Year | Operator           | Cause of Leak Mains Total | Cause of Leak Mains Hazardous Total | Cause of Leak Services Total | Cause of Leak Services Hazardous Total | NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR |
|------|--------------------|---------------------------|-------------------------------------|------------------------------|--|--|
| 2021 | Avista Corporation | 83                        | 55                                  | 495                          | 257                                    | 232  |
| 2020 | Avista Corporation | 62                        | 36                                  | 507                          | 193                                    | 212  |
| 2020 | Avista Corporation | 61.1                      | 36                                  | 507                          | 193                                    | 212  |
| 2019 | Avista Corporation | 89                        | 61                                  | 567                          | 255                                    | 162  |
| 2018 | Avista Corporation | 81                        | 51                                  | 562                          | 241                                    | 47   |

| Year | Operator           | Cause of Leak Mains Total | Cause of Leak Mains Hazardous Total | Cause of Leak Services Total | Cause of Leak Services Hazardous Total | NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR |
|------|--------------------|---------------------------|-------------------------------------|------------------------------|--|--|
| 2017 | Avista Corporation | 77                        | 48                                  | 502                          | 235                                    | 99   |
| 2016 | Avista Corporation | 68                        | 32                                  | 447                          | 215                                    | 134  |
| 2015 | Avista Corporation | 77                        | 39                                  | 561                          | 243                                    | 1779   |

#### Annual Report - EFV

| Operator           | Year | Number of EFV's Installed This Calendar Year on Single Family Residential Services: | Estimated Number of EFV's in the system at the End of The Year: | Total Number of Services with EFV Installed During Year: | Estimated Number of Services with EFV In The System At The End of The Year: | * Total Number of Manual Service Line Shut-off Valves Installed During Year: | * Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: |
|--------------------|------|---|---|--|---|--|---|
| Avista Corporation | 2021 | 3012  | 40,835  |  |   | 164  | 1715  |
| Avista Corporation | 2020 |   |   | 2048   | 38,071  | 110  | 1565  |
| Avista Corporation | 2020 |   |   | 2048   | 38,071  | 110  | 1565  |
| Avista Corporation | 2019 |   | 36,027  | 3277   | 1467  | 115  |   |
| Avista Corporation | 2018 |   |   | 3644   | 32,520  | 138  | 1364  |
| Avista Corporation | 2017 | 3947  | 28,718  |  |   | 153  | 1249  |
| Avista Corporation | 2016 | 4601  | 24,527  |  |   |  |   |
| Avista Corporation | 2015 | 2521  | 18,448  |  |   |  |   |
| Avista Corporation | 2014 | 3407  | 15,855  |  |   |  |   |
| Avista Corporation | 2013 | 3230  | 12,324  |  |   |  |   |
| Avista Corporation | 2012 | 1697  | 9064  |  |   |  |   |
| Avista Corporation | 2011 | 1169  | 7193  |  |   |  |   |
| Avista Corporation | 2010 | 1174  | 5781  |  |   |  |   |
| <b>TOT</b>         |      | <b>24,758</b>   | <b>198,772</b>  | <b>11,017</b>  | <b>110,129</b>  | <b>790</b>   | <b>7458</b>   |

#### HL System Operations History

##### HL Annual Report - Miles of Pipe by Decade

| YEAR             | Operator | Commodity Group | Part I - Total Miles of Pipe by Decade | Unknown | Pre-20s | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1969 | 1970-1979 | 1980-1989 |
|------------------|----------|-----------------|--|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No reports found |          |                 |  |         |         |           |           |           |           |           |           |           |

##### HL Annual Report - HL Miles / HCAs

| YEAR             | Operator | Commodity Group | Total Segment Miles that Could Affect HCAs | High Population | Other Population | Drinking Water | Ecological Resource | Comm Navigable Water |
|------------------|----------|-----------------|--|-----------------|------------------|----------------|---------------------|----------------------|
| No reports found |          |                 |  |                 |                  |                |                     |                      |

##### HL Annual Report - Breakout Tanks

| YEAR             | Operator | Commodity Group | Crude Oil #5 | Refined (non HVL) #5 |
|------------------|----------|-----------------|--------------|----------------------|
| No reports found |          |                 |              |                      |

#### ANNUAL REPORT: ACCURACY/TRENDS

##### Question #1.

Was the Annual Report reviewed for accuracy and trends? If any trends were discovered, please describe.

##### 1. Result

Satisfactory

##### 1. Notes

The 2020 annual distribution report submitted on 2/9/2021 was reviewed. Leak history, excavation damage, new installations and percent unaccounted for gas were compared to 2019 values. Other than a significant decrease in the total number of leaks reported-812 in 2019 and 569 in 2020, no obvious trends were noted. It is probable the decrease is due to the impacts of Covid-19 in the building/construction industry. For example, Avista installed 2614 services in 2019 (difference between total services in 2018 and 2019 annual report) and 2048 in 2020.

Reviewed the 2020 Transmission Annual Report submitted 2/9/2021. No change in miles of line 76.562 or HCA mileage 0.113 in class 3. 6.009 total miles Class 3. MAOP a(4) 0.009 miles. No leaks.

##### Access to Complete Distribution Annual Report

| Year | Operator           | SYSTEM TOTAL Miles of Main | Miles of Service | SYSTEM TOTAL NO. of Services | Average Service Length |
|------|--------------------|----------------------------|------------------|------------------------------|------------------------|
| 2021 | Avista Corporation | 44,211.79                  | 2,633.00         | 126,810.483                  | 83                     |
| 2020 | Avista Corporation | 3507.559                   | 2,598.98         | 165,333                      | 83                     |
| 2020 | Avista Corporation | 3507.559                   | 2,598.98         | 165,333                      | 83                     |
| 2019 | Avista Corporation | 3484.897                   | 2,572.72         | 163,662                      | 83                     |
| 2018 | Avista Corporation | 3457.304                   | 2,562.70         | 161,084                      | 84                     |
| 2017 | Avista Corporation | 3430.169                   | 2,515.10         | 158,092                      | 84                     |
| 2016 | Avista Corporation | 3401.195                   | 2,460.36         | 154,651                      | 84                     |
| 2015 | Avista Corporation | 3374.75                    | 2,437.92         | 151,438                      | 85                     |

##### Access to Complete Transmission Annual Report

| YEAR                                  | Operator           | Commodity Group | Total Total Miles |
|---------------------------------------|--------------------|-----------------|-------------------|
| <b>Avista Corporation (6 Reports)</b> |                    |                 |                   |
| 2020                                  | Avista Corporation | Natural Gas     | 76.562            |
| 2019                                  | Avista Corporation | Natural Gas     | 76.562            |
| 2018                                  | Avista Corporation | Natural Gas     | 76.573            |
| 2015                                  | Avista Corporation | Natural Gas     | 72.692            |
| 2016                                  | Avista Corporation | Natural Gas     | 72.591            |
| 2017                                  | Avista Corporation | Natural Gas     | 72.589            |

##### Access to Complete Hazardous Liquid Annual Report

| YEAR             | Operator | Commodity Group |
|------------------|----------|-----------------|
| No reports 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 Mile of MAIN | Total Leaks Per 1,000 Locates |
|------|--------------------|------------------------------|--|------------------------------------|---|--------------------------------------|--------|--------------------|---------------------------------|------------------|-----------------------|----------------------------------|-------------------------------|
| 2021 | Avista Corporation | 49,034                       | 248  | 37                                 | 95  | 100                                  | 16     | 126,810.48         | 41                              | 138              | 44,211.79             |                                  | 0.83615450503732              |
| 2020 | Avista Corporation | 46,242                       | 185  | 14                                 | 93  | 66                                   | 12     | 165,333            | 134                             | 45               | 3507.559              |                                  | 2.8977985381255               |
| 2019 | Avista Corporation | 47,232                       | 211  | 17                                 | 90  | 89                                   | 15     | 163,662            |                                 |                  |                       |                                  | 0                             |
| 2018 | Avista Corporation | 48,673                       | 199  | 19                                 | 91  | 74                                   | 15     | 161,084            |                                 |                  |                       |                                  | 0                             |
| 2017 | Avista Corporation | 44,325                       | 213  | 31                                 | 79  | 88                                   | 15     | 158,092            |                                 |                  |                       |                                  | 0                             |
| 2016 | Avista Corporation | 46,871                       | 163  | 37                                 | 47  | 68                                   | 11     | 154,651            |                                 |                  |                       |                                  | 0                             |
| 2015 | Avista Corporation | 46,513                       | 197  | 31                                 | 60  | 87                                   | 19     | 151,438            |                                 |                  |                       |                                  | 0                             |

**DIRT data on mismarks for prior year**

| Company - Name   | Avista Corporation | Totals            |
|--|--------------------|-------------------|
| Damage Cause   | Number of Reports  | Number of Reports |
| Facility marked inaccurately due to incorrect facility record/maps | 6                  | 6                 |
| Facility marked inaccurately due to locator error                  | 4                  | 4                 |
| Facility marked inaccurately due to tracer wire issue              | 6                  | 6                 |
| Facility not marked due to incorrect facility records/maps         | 6                  | 6                 |
| Facility not marked due to locator error                           | 5                  | 5                 |
| Facility not marked due to tracer wire issue                       | 1                  | 1                 |
| Site marked but incomplete at damage location                      | 7                  | 7                 |
| Unlocatable facility   | 2                  | 2                 |
| <b>Totals (8 groups)</b>   | <b>37</b>          | <b>37</b>         |

**DIRT Timeliness - Prior Year Reports must be submitted within 45 days of the damage.**

| Late                           | no                | yes               | Totals            |
|--------------------------------|-------------------|-------------------|-------------------|
| SubmitCompanyID - UTCfinalName | Number of Reports | Number of Reports | Number of Reports |
| Avista Corporation             | 248               | 10                | 258               |
| <b>Totals (2 groups)</b>       | <b>248</b>        | <b>10</b>         | <b>258</b>        |

**Annual Review - DP Penalties**

| Docket                                       | LDC Operator       | InvestigationID - Docket | Service Date | F A         |
|--|--------------------|--------------------------|--------------|-------------|
| <b>Avista Corporation (9 Investigations)</b> |                    |                          |              |             |
| D-220230                                     | Avista Corporation | 8533 - D-220230          |              |             |
| D-220112                                     | Avista Corporation | 8496 - D-220112          | 03-29-2022   | \$          |
| D-220111                                     | Avista Corporation | 8495 - D-220111          | 03-29-2022   | \$          |
| D-210605                                     | Avista Corporation | 8474 - D-210605          | 12-28-2021   | \$          |
| D-210636                                     | Avista Corporation | 8383 - D-210636          | 09-23-2021   | \$          |
| D-210635                                     | Avista Corporation | 8382 - D-210635          | 09-23-2021   | \$          |
| D-200814                                     | Avista Corporation | 8245 - D-200814          | 03-18-2021   | \$          |
| D-180982                                     | Avista Corporation | 7887 - D-180982          | 12-13-2018   | \$          |
| D-180666                                     | Avista Corporation | 7888 - D-180666          | 12-20-2018   | \$          |
| <b>TOT</b>                                   |                    |                          |              | <b>\$32</b> |

**Question #2.**

Review the following damage prevention items:

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

http://Yes

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

Yes DP Administrator works with locating contractor

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

14 out of 46,242

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

GSM 4.11-1 Clarkston, 1 Spokane

**Q2.b. Is the annual report damages root cause information complete and accurate?**

Yes

**Q2.e. Is the operator or its contractor qualified and following procedures for locating and marking facilities?**

yes

**Q2.h. What is the number of damages resulting from not locating within the time requirements?**

0

**Q2.k. Does the operator follow a process to evaluate causes for damages listed "Excavation Practices Not Sufficient"?**

DP Administrator works with PA specialist

**Q2.c. Does the operator have a process to evaluate the cause of "One- Yes DP Administrator works with PA specialist**

**Q2.f. Is the operator appropriately requalifying locators to address per? yes**

**Q2.i. Is the operator appropriately addressing discovered mapping errors yes mapping errors are corrected within 6 months**

**Q2.l. Is the operator appropriately focusing damage prevention educational damage? yes PA program is up to date and meets requirements**

**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? Satisfactory

**3. Result**

**3. Notes**

completed 2/8/2021

**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**

Not Applicable

**4. Notes**

No federal reportables in 2020

**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 |
|----------------|--------------------|--------------------|---------|-------------------|-------------------------|-----------------------------------|------------------------|--------------|-----------------|
| 3988           | Avista Corporation | Avista Corporation | 1330648 | Darren Tinnerstet | 03-03-2022 06:08 PM     | E Empire Ave. and N Crestline St. | Spokane                | 05-09-2022   | Federal         |

**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**

Operator reported 26 incidents in 2020. 30-d reports were timely and received for all required incidents. No issues were noted by oncall engineers. A random review of 10 incidents showed operator provided all required information--3796, 3793,3780,3760,3748,3772,3714,3685,3661,3658

**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 |
|----------------|-------------------|--------------------|-----------------------------------|-------------------------|-------------------------------------|-----------------|
| 4013           | Derek Norwood     | Avista Corporation | 502 E 23rd Ave                    | 05-02-2022 05:55 PM     | <input type="checkbox"/>            |                 |
| 4012           | Darren Tinnerstet | Avista Corporation | 9711 E Walton Lane                | 04-30-2022 03:21 PM     | <input type="checkbox"/>            |                 |
| 4011           | Darren Tinnerstet | Avista Corporation | 26 W 40th Ave.                    | 04-28-2022 11:06 AM     | <input type="checkbox"/>            |                 |
| 4005           | Derek Norwood     | Avista Corporation | 4899 E Grace Ave                  | 04-12-2022 09:03 AM     | <input type="checkbox"/>            |                 |
| 4003           | Derek Norwood     | Avista Corporation | 923 S Mariam St                   | 04-11-2022 10:45 AM     | <input type="checkbox"/>            |                 |
| 3995           | David Cullom      | Avista Corporation | 2829 West Beacon Ave              | 03-22-2022 12:31 PM     | <input checked="" type="checkbox"/> | State           |
| 3994           | David Cullom      | Avista Corporation | 2501 West Boone Ave               | 03-21-2022 06:43 AM     | <input checked="" type="checkbox"/> | State           |
| 3988           | Darren Tinnerstet | Avista Corporation | E Empire Ave. and N Crestline St. | 03-03-2022 06:08 PM     | <input checked="" type="checkbox"/> | Federal         |
| 3983           | Derek Norwood     | Avista Corporation | 101 W Beck Way                    | 02-14-2022 10:48 AM     | <input type="checkbox"/>            | Non-Reportable  |
| 3981           | Scott Anderson    | Avista Corporation | 1411 W. Knox Ave. #1              | 01-23-2022 01:09 AM     | <input checked="" type="checkbox"/> | State           |
| 3966           | Scott Anderson    | Avista Corporation | 6812 N. Wiscomb St                | 12-13-2021 05:50 PM     | <input checked="" type="checkbox"/> | State           |
| 3959           | Anthony Dorrough  | Avista Corporation | 10108 Seminole Drive              | 11-23-2021 01:28 PM     | <input checked="" type="checkbox"/> | State           |
| 3950           | Darren Tinnerstet | Avista Corporation | 412 W. 37th Ave.                  | 11-01-2021 11:29 AM     | <input checked="" type="checkbox"/> | State           |
| 3938           | Darren Tinnerstet | Avista Corporation | 2623 N Madelia St.                | 10-08-2021 05:55 PM     | <input checked="" type="checkbox"/> | State           |
| 3937           | Darren Tinnerstet | Avista Corporation | 111 E Liberty St.                 | 10-06-2021 11:25 AM     | <input checked="" type="checkbox"/> | State           |
| 3949           | Dennis Ritter     | Avista Corporation | 603 N Mamer Rd                    | 09-17-2021 09:04 AM     | <input checked="" type="checkbox"/> | State           |
| 3935           | Dennis Ritter     | Avista Corporation | 1st and Lee St                    | 09-17-2021 07:45 AM     | <input checked="" type="checkbox"/> | State           |
| 3921           | Lex Vinsel        | Avista Corporation | 6514 N. Sotherland St             | 09-10-2021 06:15 PM     | <input checked="" type="checkbox"/> |                 |
| 3924           | David Cullom      | Avista Corporation | 707 North 8th St                  | 09-05-2021 08:19 AM     | <input checked="" type="checkbox"/> | State           |
| 3913           | Scott Rukke       | Avista Corporation | 1111 W Augusta                    | 08-16-2021 02:42 PM     | <input checked="" type="checkbox"/> | State           |
| 3892           | Lex Vinsel        | Avista Corporation | 621 W 3rd Street                  | 07-08-2021 10:33 AM     | <input checked="" type="checkbox"/> |                 |
| 3889           | Lex Vinsel        | Avista Corporation | 840 E Spokane Falls Blvd          | 07-06-2021 02:00 PM     | <input checked="" type="checkbox"/> | State           |
| 3878           | Derek Norwood     | Avista Corporation | 347 S Colville Rd                 | 06-17-2021 11:35 AM     | <input checked="" type="checkbox"/> | State           |
| 3877           | Derek Norwood     | Avista Corporation | 22787 Road 6 SE                   | 06-17-2021 12:15 AM     | <input checked="" type="checkbox"/> | State           |
| 3868           | Anthony Dorrough  | Avista Corporation | 1109 Hwy 395                      | 05-28-2021 05:08 PM     | <input checked="" type="checkbox"/> | State           |
| 3862           | Scott Anderson    | Avista Corporation | 508 6th St.                       | 05-26-2021 10:05 AM     | <input checked="" type="checkbox"/> | State           |
| 3848           | Scott Rukke       | Avista Corporation | 828 W Main                        | 04-27-2021 11:49 PM     | <input checked="" type="checkbox"/> | State           |
| 3853           | Anthony Dorrough  | Avista Corporation | 612 Phelts                        | 04-25-2021 04:00 PM     | <input checked="" type="checkbox"/> | State           |
| 3835           | Lex Vinsel        | Avista Corporation | 115 N Main                        | 03-26-2021 05:44 PM     | <input checked="" type="checkbox"/> | State           |
| 3829           | Scott Rukke       | Avista Corporation | 9919 N. Seminole Dr               | 03-04-2021 03:15 PM     | <input checked="" type="checkbox"/> | State           |
| 3822           | Anthony Dorrough  | Avista Corporation | Harvard Rd & Wellesely Ave        | 02-10-2021 10:19 AM     | <input checked="" type="checkbox"/> | Non-Reportable  |
| 3811           | David Cullom      | Avista Corporation | 6200 N Division St                | 01-18-2021 11:01 AM     | <input checked="" type="checkbox"/> | State           |
| 3797           | Derek Norwood     | Avista Corporation | 801 N Division St                 | 12-14-2020 12:00 AM     | <input type="checkbox"/>            | State           |
| 3796           | Dennis Ritter     | Avista Corporation | 619 E Cascade PL                  | 12-07-2020 01:11 PM     | <input checked="" type="checkbox"/> | State           |
| 3793           | Scott Anderson    | Avista Corporation | 5217 N Adams St                   | 12-03-2020 02:24 PM     | <input checked="" type="checkbox"/> | State           |
| 3787           | Scott Anderson    | Avista Corporation | 6301 N. Division St.              | 11-19-2020 10:49 AM     | <input checked="" type="checkbox"/> | State           |
| 3786           | Scott Anderson    | Avista Corporation | 3009 W Alice Ave                  | 11-17-2020 05:31 PM     | <input checked="" type="checkbox"/> | State           |
| 3785           | Scott Anderson    | Avista Corporation | 20 W North River                  | 11-16-2020 08:22 PM     | <input checked="" type="checkbox"/> | State           |
| 3780           | Scott Rukke       | Avista Corporation | 6311 E Sharpe                     | 11-10-2020 11:07 AM     | <input checked="" type="checkbox"/> | State           |
| 3761           | Lex Vinsel        | Avista Corporation | 452 W Shoshone Pl                 | 10-06-2020 11:48 AM     | <input checked="" type="checkbox"/> | State           |
| 3756           | David Cullom      | Avista Corporation | 1900 West 1st Ave                 | 09-30-2020 12:10 PM     | <input checked="" type="checkbox"/> | State           |
| 3783           | Anthony Dorrough  | Avista Corporation | 606 E Burke Rd                    | 09-22-2020 01:06 PM     | <input checked="" type="checkbox"/> | State           |
| 3760           | Scott Rukke       | Avista Corporation | 1231 W 1st St                     | 09-20-2020 02:47 PM     | <input checked="" type="checkbox"/> | State           |
| 3748           | Darren Tinnerstet | Avista Corporation | 301 S. Cromwell                   | 09-07-2020 12:00 AM     | <input checked="" type="checkbox"/> | State           |
| 3741           | Derek Norwood     | Avista Corporation | 209 S Summit Ave                  | 08-26-2020 12:49 PM     | <input checked="" type="checkbox"/> | State           |
| 3772           | David Cullom      | Avista Corporation | 3818 East 29th                    | 08-09-2020 11:31 AM     | <input checked="" type="checkbox"/> | State           |
| 3717           | Scott Anderson    | Avista Corporation | 2603 W Upton Ave                  | 07-27-2020 11:39 AM     | <input checked="" type="checkbox"/> | State           |
| 3718           | Scott Rukke       | Avista Corporation | 2528 W. Queen St                  | 07-26-2020 06:53 PM     | <input checked="" type="checkbox"/> | State           |
| 3714           | Scott Rukke       | Avista Corporation | 3405 Grandview ave                | 07-20-2020 03:09 PM     | <input checked="" type="checkbox"/> | State           |
| 3702           | Derek Norwood     | Avista Corporation | 2831 W Broad Ave                  | 06-25-2020 11:00 AM     | <input checked="" type="checkbox"/> | State           |
| 3691           | David Cullom      | Avista Corporation | 1905 West Pacific St              | 06-10-2020 08:58 AM     | <input checked="" type="checkbox"/> | State           |
| 3685           | Scott Anderson    | Avista Corporation | 5510 N Haven St.                  | 06-04-2020 07:32 AM     | <input checked="" type="checkbox"/> | State           |
| 3678           | Scott Anderson    | Avista Corporation | 1110 Westview Ct                  | 06-02-2020 09:01 AM     | <input checked="" type="checkbox"/> | State           |
| 3675           | Darren Tinnerstet | Avista Corporation | 10510 West Richland Rd.           | 05-23-2020 01:00 PM     | <input checked="" type="checkbox"/> | State           |
| 3661           | Derek Norwood     | Avista Corporation | 614 E Hartson Ave                 | 04-30-2020 01:07 PM     | <input checked="" type="checkbox"/> | State           |
| 3660           | Lex Vinsel        | Avista Corporation | 15011 E Rich Ave                  | 04-20-2020 12:26 AM     | <input checked="" type="checkbox"/> | Non-Reportable  |
| 3658           | Lex Vinsel        | Avista Corporation | 1228 E 36th Ave                   | 04-13-2020 09:17 AM     | <input checked="" type="checkbox"/> | State           |
| 3645           | Derek Norwood     | Avista Corporation | 17920 E Montgomery Ave            | 03-17-2020 04:21 PM     | <input checked="" type="checkbox"/> | State           |

**6. Notes**

Operator reported 26 incidents in 2020. 30-d reports were timely and received for all required incidents. No issues were noted by oncall engineers. No trends were noted. A random review of 10 incidents showed operator provided all required information--3796, 3793,3780,3760,3748,3772,3714,3685,3661,3658

**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 notifications found |         |                          |                               |             |                         |                       |             |

**7. Notes**

There were no safety related conditions reported in 2020.

**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**

192.605(c) does not apply to distribution operators who operate transmission lines (192.605(d)).

**7. Result**

Not Applicable

**8. Result**

Not Checked/Evaluated

|  |                                |                  |
|--|--------------------------------|------------------|
| <b>Question #9.</b>  | Operator Manuals on Sharepoint | <b>9. Result</b> |
| Is the O&M Manual up to date and were changes made in the previous year?   |                                |                  |
| <b>9. Notes</b><br>Manual is updated annually. Current manual was issued and became effective 1/1/21, previous manual was effective on 1/1/20. Changes are noted in the front of the Manual.   |                                |                  |
| <b>Question #10.</b>   | <b>10. Result</b>              |                  |
| If changes to the O&M were made, are changes acceptable?   |                                |                  |
| <b>10. Notes</b><br>Reviewed the 2021 updates as described on pages 5-17 of the manual (physical pages in pdf). Highlights include: Avista has added language for compliance with the new federal codes identified in 49 CFR 192. This includes 4.16-MAOP reconfirmation per 192.619, 624 and 607; 4.41 Changes to the TIMP to include MCAs and other related integrity changes; 4.31 made the OQ program a separate program. 3.22 New weld procedures; 1.1 various changes and additions to Glossary. |                                |                  |
| <b>Question #11.</b>   |                                |                  |
| Were emergency plans changed during the previous year?   |                                |                  |
| <b>11. Result</b><br>Satisfactory  |                                |                  |
| <b>11. Notes</b><br>Reviewed the 2021 updates as described on pages 5-7 of the manual (physical pages in pdf).   |                                |                  |
| <b>Question #12.</b>   |                                |                  |
| Were any changes to emergency plans satisfactory?  |                                |                  |
| <b>12. Result</b><br>Satisfactory  |                                |                  |
| <b>12. Notes</b><br>Reviewed the 2021 updates as described on pages 5-7 of the manual (physical pages in pdf).   |                                |                  |

## INTEGRITY MANAGEMENT PROGRAMS

|  |  |                    |
|--|--|--------------------|
| <b>Question #13</b>  |  | <b>13. Result</b>  |
| Were there changes to the Integrity Management programs (TIMP, DIMP or both, as applicable)?   |  |                    |
| <b>13. Notes</b><br>DIMP plan was last revised on 8/17/20. TIMP was revised 10/19/2020. Avista updates these manuals annually.   |  |                    |
| <b>Question #14.</b>   |  | <b>14. Result</b>  |
| Is the DIMP/TIMP up to date? What are the results of the operator's program review (effectiveness evaluation) (DIMP every 5 years)?  |  |                    |
| <b>14. Notes</b><br>DIMP-Revision 9 Issued August 17, 2020. Revision 8 was issued Dec 6, 2019. There were several minor changes to Sections 6.2, 7.4, 8.3 (this relates to Oregon PUC dig law), 9.5 and Appendices A-G--Note Appx E is listing of current accelerated actions and Appx G is year by year historical record.<br>TIMP-Revision 15 Issued 2020. This revision adds the new requirement from federal code published 10/1/19 relating to MAOP reconfirmation and verification--New section 14, New E&RP #13 and 14 for predicted failure pressure analysis and Critical engineering assessment. |  |                    |
| <b>Question #15</b>  |  | <b>15. Result</b>  |
| Are IMP program changes acceptable?  |  |                    |
| <b>15. Notes</b><br>Changes to both the DIMP and TIMP plan are acceptable  |  |                    |
| <b>Question #16</b>  |  | <b>16. Results</b> |
| Was appropriate assessment/ repair work conducted during the past year? (monitor progress of IMP activities)   |  |                    |
| <b>16. Notes</b><br>No assessment work was completed in WA in 2020   |  |                    |
| <b>Question #17</b>  |  | <b>17. Results</b> |
| Does the operator's HCA location data correspond to the positional data located in UTC GIS?  |  |                    |
| <b>17. Notes</b><br>Avista has no HCAs in WA   |  |                    |
| <b>Question #18</b>  |  | <b>18. Results</b> |
| What assessment work is planned for the upcoming year?   |  |                    |
| <b>18. Notes</b><br>Avista has no planned assessment work for the upcoming year.   |  |                    |
| <b>Question #19</b>  |  | <b>19. Results</b> |
| Within the operator's DIMP, are low pressure systems evaluated for overpressure threats?   |  |                    |
| <b>19. Notes</b><br>Avista has no low pressure systems.  |  |                    |
| <b>Question #20</b>  |  | <b>20. Results</b> |
| 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)   |  |                    |
| <b>20. Notes</b><br>Avista has no low pressure systems.  |  |                    |
| <b>Question #21</b>  |  | <b>21. Results</b> |
| Are plastic pipe and components that have shown a record of defects/leaks being mitigated through the DIMP plans?  |  |                    |
| <b>21. Notes</b><br>Adyl A pipe is monitored and being replaced in the Avista system as part of Pipeline Replacement Plan. Duraline PE pipe is used in the Avista system. DuraLine notified industry that their small diameter pipe experience manufacturing defects resulting in wall thickness inconsistencies. Avista is monitoring through the DIMP and switched suppliers to Endot for future deliveries.   |  |                    |
| <b>Question #22</b>  |  | <b>22. Results</b> |
| Has appropriate DIMP remediation work occurred during the past year? (monitor progress of DIMP activities)   |  |                    |
| <b>22. Notes</b><br>Adyl A replacement work, isolated steel riser replacement (to be completed in 2021), utility cross bore post camera inspection pilot.  |  |                    |
| <b>Question #23</b>  |  | <b>23. Results</b> |
| What DIMP remediation work is anticipated for upcoming year?   |  |                    |
| <b>23. Notes</b><br>isolated steel program wraps up in 2021 and continued Adyl A replacement, deteriorated pipe and utility cross bore pilot.  |  |                    |

## OQ PROGRAM

|  |  |                    |
|--|--|--------------------|
| <b>Question #24</b>  |  | <b>24. Results</b> |
| Is the OQ program up to date? Were there changes to the Operator Qualification (OQ) program in the last year? If yes, please describe.   |  |                    |
| <b>24. Notes</b><br>Updated annually. New OQ Program Document 12/2/2020 Rev 1.1. WUTC completed an inspection (8031) of Avista's OQ program on Sept 29, 2020 and there were no findings from the inspection. |  |                    |



**Question #25** **25. Results**  
 Are the OQ plan updates satisfactory? Satisfactory

**25. Notes**  
 Updates are satisfactory as there were no findings from 2020 inspection.

**Question #26** **26. Results**  
 Are personnel performing covered tasks (including contractors) properly qualified and requalified at intervals determined in the operator's plan? Satisfactory

**26. Notes**  
 During the Pullman/Clarkston unit inspection 2021 reviewed OQs for a number of Avista personnel and contractors. No issues were found.

## PUBLIC AWARENESS PROGRAM

**Question #27** **27. Results**  
 Is the PA program up to date? And were there changes to the Public Awareness (PA) program within the last year? Satisfactory

**27. Notes**  
 The last revision to the PA plan was completed March 15, 2019. The last PA plan inspection (7782) for Avista was conducted March 29, 2019 by the UTC. No findings were noted during the inspection.

**Question #28** **28. Results**  
 Are changes to the PA program satisfactory? Satisfactory

**28. Notes**  
 No findings were noted from the 2019 inspection.

## CONTROL ROOM PROGRAM

**Question #29** **29. Results**  
 Is the CRM program up to date? And were there changes to the Control Room Management (CRM) program within the last year? Satisfactory

**29. Notes**  
 The WUTC along with Oregon and Idaho PUCs conducted a CRM inspection (8154) in April of 2021. There were 4 areas of concern from this inspection related to procedures. Avista corrected the areas of concern and updated the procedures.

**Question #30** **30. Results**  
 Are the CRM program changes satisfactory? Satisfactory

**30. Notes**  
 The areas of concern were satisfactorily addressed by correcting the appropriate procedures.

## SAFETY MANAGEMENT SYSTEM API 1173

**Question #31** **31. Results**  
 Is the operator developing and implementing an API 1173 Safety Management System? Satisfactory

**31. Notes**  
 SMS implemented in 2016 using API RP 1173 as guide.

## INSPECTOR ASSESSMENT OF INSPECTION UNITS

**Question #32** **32. Results**  
 Are inspection units broken down appropriately? Do you recommend any changes to inspection units? Satisfactory

**32. Notes**  
 No concerns with unit break down.

**Q32: List of current inspection units**

| Unit Name                                 | Distribution/Transmission | Intrastate or Interstate? | GAS or LIQUID | UTC Unit ID | UTC Operator ID |
|---|---------------------------|---------------------------|---------------|-------------|-----------------|
| <b>Avista Corporation (6 Units)</b>       |                           |                           |               |             |                 |
| Avista Utilities Corp - Colville          | Distribution              | Intrastate                | Gas           | 1789        | 112             |
| Avista Utilities Corp - Pullman/Clarkston | Distribution              | Intrastate                | Gas           | 1788        | 112             |
| Avista Utilities Corp - Spokane           | Distribution              | Intrastate                | Gas           | 1914        | 112             |
| Avista Utilities Corp - Ritzville         | Distribution              | Intrastate                | Gas           | 1915        | 112             |
| Avista Utilities Corp - Transmission      | Transmission              | Intrastate                | Gas           | 1907        | 112             |
| Avista Corporation- Headquarters          | Distribution              | Intrastate                | Gas           | 83          | 112             |

## OPERATOR'S PUBLIC WEB PAGE

**Question #33** **33. Results**  
 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. Q33.B Damage Prevention ; Q33.D How to get additional information ; Q33.G Potential Hazards ; Q33.H Prevention Measures ; Q33.I Leak/Damage Recognition ; Q33.J ROW Encroachment ; Q33.M Emergency Preparedness

**33. Notes**

## ADVISORY BULLETIN REVIEW

**Question #34** **34. Results**  
 Is there potential for damage to the operator's pipeline facilities caused by flooding, river scour, or channel migration? YES

**ADB 2019-01**  
 ADB 2019-01 Flood Mitigation

**34. Notes**

Avista has reviewed PHMSA's Advisory Bulletin on flooding, river scour, and river channel migration. Avista's Gas Standards take into account the threats concerned in this bulletin in its design, reporting, leak survey, and OQ qualifications (Sections 2.12, 2.13, 2.14, 2.15, 4.12, 5.11 and 4.31). Avista continues to improve our Emergency Response plans and has emergency valves in place for zoning off larger portions of the system strategically in case of natural disasters. Between 2016 and 2018, Avista's DIMP program hired outside geological firms to help develop a more detailed and robust natural forces risk model that takes into account waterway crossings, river scour, fault lines, landslide, erosion, liquefaction, and others for all three states we serve. The geological hazards survey performed includes all of Avista's service territory, but was focused in more detail on Avista's transmission pipelines.

As an update to the aforementioned "response to file", the geological hazards survey did confirm waterway crossings of the Kettle Falls Transmission Line (NE Washington) require attention. The crossing of the Colville River at MP 47 will be rebored Summer 2021 due to it being exposed. The WUTC was notified of this pending work on 5/14/21. Another crossing of the Colville River on the outskirts of the city of Kettle Falls, WA has been found to have reduced cover over the pipeline as well and a remediation plan is being developed at present.

**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**

As an update to the aforementioned response to file, the geological hazards survey did confirm waterway crossings of the Kettle Falls Transmission Line (NE Washington) require attention. The crossing of the Colville River at MP 47 will be rebored Summer 2021 due to it being exposed. The WUTC was notified of this pending work on 5/14/21. Another crossing of the Colville River on the outskirts of the city of Kettle Falls, WA has been found to have reduced cover over the pipeline as well and a remediation plan is being developed at present.

**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**

Avista has reviewed PHMSA's Advisory Bulletin on earth movement and other geologic hazards. Avista's Gas Standards take into account the threats concerned in this bulletin in its design, reporting, leak survey, and OQ qualifications (Sections 2.12, 2.13, 2.14, 2.15, 4.12, 5.11 and 4.31). Avista continues to improve our Emergency Response plans and has emergency valves in place for zoning off larger portions of the system strategically in case of natural disasters. Between 2016 and 2018, Avista's DIMP program hired outside geological firms to help develop a more detailed and robust natural forces risk model that takes into account waterway crossings, river scour, fault lines, landslide, erosion, liquefaction, and others for all three states we serve. The geological hazards survey performed includes all of Avista's service territory, but was focused in more detail on Avista's transmission pipelines.

**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**

Avista responded with geological hazards survey

**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**  
YES

**38. Notes**

Avista has inside meter sets / regulators in Washington State. The vast majority are in Spokane Construction District. Avista typically makes a formal "response to file" for PHMSA Advisory Bulletins. On 11/3/20, Avista made the following "response to file" for the noted ADB that came out on 9/29/20:

Avista acknowledges receipt of this bulletin and provides the following response as written by Pipeline Integrity Program Manager, Brian Schultz:

"Avista has reviewed PHMSA's Advisory Bulletin on requirements for inside meters and regulators. Avista currently has approximately 500 inside meter sets in our gas system. Avista also has had a budget in place for several years for meter move-outs and continues to move out the higher risk inside meter sets each year.

In response in the advisory bulletin, Avista is making two updates to the Gas Standards in Specification 2.22 for 2021. The updates to the Gas Standards include a new requirement for approval from Gas Engineering before any new meter or regulator can be installed inside a building, and specifics: "Efforts should be made to move inside meter sets outside anytime work is required on the meter, regulator, or service piping. If it is proposed to leave the meter set inside, contact Gas Engineering. Gas Engineering will review the existing installation and determine if it meets current installation requirements."

Also, in response, Avista has made changes to the consequence scoring of the DIMP risk model to account for additional consequence risk where inside meter sets are currently located. Model updates are currently being performed and will be used in the DIMP risk analysis in 2021.

**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**  
Satisfactory

**39. Notes**

In response in the advisory bulletin, Avista is making two updates to the Gas Standards in Specification 2.22 for 2021. The updates to the Gas Standards include a new requirement for approval from Gas Engineering before any new meter or regulator can be installed inside a building, and specifics: "Efforts should be made to move inside meter sets outside anytime work is required on the meter, regulator, or service piping. If it is proposed to leave the meter set inside, contact Gas Engineering. Gas Engineering will review the existing installation and determine if it meets current installation requirements."

Avista leak surveys all jurisdictional pipelines to the furthest downstream location. In the case of inside meters / regulators, these get leak surveyed either annually or every five years as required by Federal Codes. Additionally, Avista performs AC Inspections every three years of all jurisdictional pipelines including all meter sets and regulators inside buildings. Avista contracts with Heath Consultants and they conduct our leak survey to include facilities inside buildings. Contractor utilizes the Detecto-Pak IR Device (See GSM 5.11, Sheet 2) which is safe to use indoors.

If the contractor can't gain access inside (just like any "can't gain entry-CGE" order) they will submit the CGE to Avista and then Avista generates a service request for a Gas Serviceman to meet up with them to assist gaining access.

**Question #40**

Does the operator have a detailed record of locations for all indoor meter sets/regulators within their system?

**ADB 2020-01**  
ADB 2020-01 Inside Meter Sets

**40. Results**  
Satisfactory

**40. Notes**

Avista annotates inside meter sets / regulators in its IBM Maximo Compliance System.

**Question #41**

Does the operator have any low pressure systems?

**ADB 2020-02**

ADB 2020-02 Low Pressure Systems

**41. Results**

NO

**41. Notes**

**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**

Avista has no low pressure systems

**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**

Avista has no low pressure systems

**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**

Avista has no low pressure systems

## 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.**

Question 4-No federal reportables in 2020

Question 7-There were no safety related conditions reported in 2020

Question 16-No assessment work was completed in WA in 2020

Question 17-Avista has no HCAs in WA

Question 18-Avista has no planned assessment work for the upcoming year

Question 19-Avista has no low pressure systems

Question 20-Avista has no low pressure systems

Question 42-Avista has no low pressure systems

Question 43-Avista has no low pressure systems

Question 44-Avista has no low pressure systems