

# Western Region Unit Information

|                            |              |                |                                      |      |
|----------------------------|--------------|----------------|--------------------------------------|------|
| Inspector or State Office: | Kuang Chu/WA |                | SMART Activity #                     | 8385 |
| Unit ID:                   | 8385         | Unit Name:     | Williams Gas Pipeline-Pasco          |      |
| Operator ID:               | 13845        | Operator Name: | Northwest Pipeline Corporation (WGP) |      |

## Unit Boundaries

| Description:  | Device:                     | Latitude: | Longitude: |
|---|-----------------------------|-----------|------------|
| Line 1400 - 26" - 77 miles; MP 1140.25 to MP 1064.40          | Valve 14-5 to Plymouth LNG  |           |            |
| Spokane Lateral (Line 2435) 20"-24 miles; MP 0.07 to MP 24.45 | Plymouth LNG to Valve 28-3W |           |            |
| Wenatchee Lateral (Line 2417) 10"/8"-137 miles; MP 0.1 to 137 | Plymouth LNG to Valve 25-0  |           |            |
| Miscellaneous Laterals - 57 miles                             |                             |           |            |
| Roosevelt Compressor Station                                  | Three Units                 |           |            |
| Goldendale Compressor Station                                 | Three Units                 |           |            |
| Zillah Compressor Station                                     | One Mobile Unit             |           |            |

## Pre-Inspection

*The information collected and documented here is in addition to other pre-inspection efforts [pulling unit summaries, SRCR's, Annual Reports, Accident/Incident Reports, previous PIM, Post-Inspection OQ & IMP reports, previous and outstanding enforcement actions, etc.]*

The Pasco District was created after the last inspection in 2010. This district was part of the Spokane District and the Plymouth Pipeline District during the last inspection. This new unit does not have SRCR's, accident/incident reports, or outstanding enforcement actions from previous inspections.

## Baseline Information

1) If accidents or incidents have occurred in this unit, what has the operator done to prevent recurrence? *(select all that apply)*

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Added Equipment   | <input type="checkbox"/> Procedural Change   | <input type="checkbox"/> Engineering Barriers Added |
| <input type="checkbox"/> Removed Equipment | <input type="checkbox"/> Additional Training | <input type="checkbox"/> Other                      |

Describe: No Incidents.

2) Will these actions adequately mitigate threats?  Yes  No

Please Explain: N/A

3) Have any abnormal events occurred in this unit?  Yes  No

Describe Operator's Response: An Abnormal Operating Condition occurred at Grandview Meter Station on 9/1/2011 involving a relief valve activation caused by a minor debris blockage of regulator. The filter was cleaned and returned to service.

4) Commodity Transported:

|           |  |        |             |
|-----------|--|--------|-------------|
| Liquid 1: |  | Gas 1: | Natural Gas |
| Liquid 2: |  | Gas 2: |             |

5) Year of Original Installation (yyyy): 1956 Pipe specification (e.g. API 5L, ASTM D2513) API 5L

6) Normal Operating Pressure (psig), min: 760 max: 809 % SMYS, max: 72%

7) MOP/MAOP (psig), min: 809 max: 809 Changes in MOP/MAOP in previous year:  Increase  Decrease  None

8) Seam Type: 26" Mainline DSAW, 20" Lateral SSAW, Wenatchee Lateral 10"/8" ERW

9) Coating Type: Coal Tar Enamel, FBE

10) Overall Coating Quality:  Poor  Fair  Good Coating Improvement Efforts:  Yes  No

Describe: A recoating plan has been very active over the last 7 years and occurs at areas with poor coating or lower CP rea

11) Potential for AC Interference?  Yes  No Has operator tested for stray current?  Yes  No

12) Parallel Construction/Crossing?  Yes  No Explain: All foreign lines that cross above or below ground are m

13a) [Gas Only] Is there a monitoring program for liquids?  Yes  No

Method: Chromatographs used to monitor sources along with visual inspection each time pipe is cut and liquid

Frequency: Various

13b) [Liquid Only] Are there Dead Legs?  Yes  No

Explain:

14) [Liquid Only] Number of cycles: per  Day  Week  Month

Pressure range (psig):

15) Has equipment been deleted/added that changed the hydraulic profile of this line?  Yes  No

Explain:

16) Level of automation:  Manual Control  Local/SCADA  Remote/SCADA

17) Total unit mileage: 295

18) HCA-Affecting Mileage (% of total mileage):

|                                      |                    |
|--------------------------------------|--------------------|
| High Population Area (%):            | 7.14 miles HCAs    |
| Other Population Area (%):           | 8.66 miles Class 3 |
| Drinking Water USA (%):              |                    |
| Ecological Resource USA (%):         |                    |
| Commercially Navigable Waterway (%): |                    |

19) Indicate the year of the most recent tool run and summarize results, including digs:

| Tool Type        | Year | Results Summary   |
|------------------|------|---|
| Combination Tool | 2011 | Tool Types: Geo/MFL/AFD-Plymputh to Zillah-13 metal loss or dent  |
| Combination Tool | 2011 | Tool Types: Geo/MFL-Roosevelt to Goldendale-15 metal loss or dent |
|                  |      |   |
|                  |      |   |

### Post-Inspection Information

20) Using your engineering judgement, describe how well is the manager addressing this unit's threats:

Corrosion Specific:  Poor  Fair  Good

Equipment Specific:  Poor  Fair  Good

Excavation Specific:  Poor  Fair  Good

Human Error Specific:  Poor  Fair  Good

Material/Weld Specific:  Poor  Fair  Good

Natural Force Specific:  Poor  Fair  Good

Overall:  Poor  Fair  Good

Additional Assessments: