Western Region Unit Information

Inspector or State Office: WASHINGTON, CC | SMART Activity #: 133010

Unit ID: 8365 | Unit Name: WA-UTC/BATTLE GROUND DISTRICT

Operator ID: 13845 | Operator Name: NORTHWEST PIPELINE CORP (WGP)

Unit Boundaries

Description:	Device:	Latitude:	Longitude:
The Battle Ground District contains approximately 125 miles of natural gas transmission pipelines. The District is bordered by Redmond District to the north, the Eugene District to the south, and the Pasco District to the east. It has 7 laterals. The 30" line starts at Sumas (Canadian border) and ends at Washougal. The 26" line starts at Washougal and ends at Plymouth.			

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.]

Operator-level Enforcement: Letter Sent 520071004M, 520071001
Unit-level Enforcement: None
Special permits: None
Accidents/Incidents[Significant Only, last 5 years]: Report ID's: 20070002, 20060119, 20060122, 20060093, 20060118, 20090009, 20060080, 20090102, 20100060, 20090064

Baseline Information

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

☐ Added Equipment ☐ Procedural Change ☐ Engineering Barriers Added
☐ Removed Equipment ☐ Additional Training ☐ Other

Describe:

2) Will these actions adequately mitigate threats? ○ Yes ○ No

Please Explain:

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

Describe Operator's Response:

4) Commodity Transported:

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

5) Year of Original Installation (yyyy): 1956/1971 Pipe specification (e.g. API 5L, ASTM D2513) API 5L grade X-52

6) Normal Operating Pressure (psig), min: 500 max: 760 % SMYS, max: 70

7) MOP/MAOP (psig), min: 809 max: 960(30") Changes in MOP/MAOP in previous year: ○ Increase ○ Decrease ◉ None

8) Seam Type: DSAW

9) Coating Type: Coal tar

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

Describe:

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

12) Parallel Construction/Crossing? ◉ Yes ○ No Explain: 14" Olympic pipeline at Castle Rock

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

Method: By using liquid/gas separator (scrubber and cyclone)

Frequency: The liquid is removed by automatic dump with level control (no fixed frequency).

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: 125

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

High Population Area (%):	15%
Other Population Area (%):	0%
Drinking Water USA (%):	0%
Ecological Resource USA (%):	0%
Commercially Navigable Waterway (%):	0%

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

Tool Type	Year	Results Summary
Geometry	2009	For 18" Portland Lateral and no anomaly digs.
Magnetic Flux Leakage	2009	For 18" Portland Lateral and no anomaly digs (one confirmation dig