

POST INSPECTION MEMORANDUM

Inspector: Al Jones/WUTC 1/14/2013
Reviewed: Joe Subsits/WUTC 1/15/2013
Peer Reviewed: _____
Follow-Up Enforcement: No Violations
PCP* PCO* NOA WL LOC
Director Approval* _____

Date: January 14, 2013

Operator Inspected:
Northwest Pipeline Corp (WGP)

OPID: 13845

Region: Western

Unit Address:
Sumas District
4738 Jones Road
Sumas, WA 98295

Unit Inspected: Sumas District **Unit ID:** 8355
Unit Type: Interstate Gas Transmission
Inspection Type: I07 – IMP Field Verification & Follow-up

Record Location: Sumas, WA
Inspection Dates: January 10, 2013
AFOD: 1.0
SMART Activity Number:

Operator Contact:
Phone: Justin Adams **Fax:** 360-988-2261 **Emergency:** (800) 972-7733

Unit Description:

The Sumas District receives natural gas from West Coast Energy at the Canadian border. The gas pressure is increased at the Sumas compressor station then transported south by two parallel 30” and 36” pipelines. The Sumas District extends south to State Route 92 south of Marysville at MP 1411. The District includes approximately, 73.3 and 60.4 ROW miles of 30-inch and 36-inch transmission mainline, respectively. Most of the lines are in class 1 or 2 locations except for class 3 locations at Arlington, Deming and Stanwood. There are two compressor stations, one at Sumas and the other at Mt. Vernon. The MAOP of the pipeline system is 960 psig.

In addition to the main lines, the following laterals are within the District:

- Stanwood Lateral – 8.3 mile of 6” line
- Bellingham Lateral – 11.5 miles of 6” and 12” lines

Facilities Inspected:

This inspection is a follow-up to PHMSA warning letter issued on July 9, 2007 and the remediation work Williams completed in December, 2012 for the shorted casing at the 6” Stanwood Lateral that crosses the Old Highway 99 adjacent to Interstate Highway 5. The short was discovered at the west end of the casing at MP 4.75. The casing was previously filled with a Royston Gel. The gel was removed and both ends of the 10” diameter casing exposed. A guided wave assessment was performed on the main line by Structural Integrity from both ends of the cased pipe segment. Williams reported the assessment provided accurate definition of shorted spacer collars at 2.5’ and 4’ from the west end of the casing. Seven linear feet of the casing from the west end was removed and the shorted collars removed. NDE and UT assessments were performed on the pipeline at both ends of the casing. Williams’ reported that the test results where the old metal collars were located revealed that no metal loss or corrosion was found on the pipeline. The exposed pipe was recoated and new Link Seals and end boots installed. New vent pipes were installed at the ends of the casing.

Pipe-to-soil potentials taken on January 10, 2013 at the Old Highway 99 casing include:

- West end of casing for pipeline is -1.667 Vdc and casing -0.560 Vdc
- East end of casing for pipeline is -1.653 Vdc and casing -0.542 Vdc.

The attached photos are of pipe inspection. The shorted casing has been corrected and all work completed by December 31, 2012.

Persons Interviewed:

Persons Interviewed	Title	Phone No.
Justin Adams	Sumas District Manager	(360) 988-2261
Jeff Pollack	Senior Integrity	(206) 890-6259

Probable Violations/Concerns:

No probable violations were noted.

Follow up on the history of prior offenses that are still open:

Prior Offenses (for the past 5 years)		
CPF #	What type of open enforcement action(s)?	Status of the regulations(s) violated (Reoccurrence Offenses, Implement a NOA Revision, Completion of PCO or CO, and etc...)

Recommendations:

None

Comments:

The shorted casing has been corrected and all work completed by December 31, 2012.

Attachments:

- Photo Exhibits provided by Williams
 - Exposed east end casing
 - Second spacer collar disconnected
 - Shorted spacer collar cut loose
 - Teletest GW collar at west end of casing
 - West end casing with new LinkSeal installed

Version Date: 5/5/08