

PUBLIC AWARENESS PROGRAM FIELD AUDIT

Audit Date: June 13 -17, 2011	Name of Operator: Williams Gas Pipeline-West
H.Q. Address Williams Gas Pipeline – West 2800 Post Oak Blvd. MC 1060/12314 Houston, TX 77056	Company Official: Randy Barnard
	Title: President
	Phone number: (713) 215-2375
	Fax Number: (713) 215-2375
Inspection Team:	Operator Personnel in Interview: (Name & Phone Number)
1. Al Jones/UTC	1. Justin Adams, (360) 988-2261
2.	2. Randy Tarter, (360) 988-0500
3.	3. Dustin Wallis, (801) 584-6599

Instructions: Check (or mark) the appropriate box: “Yes,” “No” or “N/A.” If further comments are necessary, check (or mark) the comment box and write the comment in the “comments” section below the questions and/or attach a comments sheet when necessary. **These questions are to be verified in the field. Certain questions will have corresponding Desk Audit questions on a separate audit form.**

PAP = Williams Public Awareness Plan

		Yes	No	N/A	Comment
1.	1162 Section 2: Management Commitment (Must be verified in field if no PHYSICAL copy included in plan)				
	a. Does the statement include the name and title of the appropriate authority (the person(s) with authority to authorize funding)?	X			PAP Sec 2.0
	b. Does the statement include the signature of the appropriate authority (the person(s) with authority to authorize funding)?	X			PAP Sec 2.0
	c. Are copies of approved city ordinances, etc., included where applicable			X	
2.	1162 Section 4: Message Content (These are required in written plan. They will need verification in field)				
Affected Public: Including customers & residents living along the pipeline route	a. pipeline purpose and reliability	X			PAP Sec 6.1.1.1
	b. hazards & prevention measures undertaken [192.616(d)(2)]	X			PAP Sec 6.1.1.2
	c. leak recognition and response [192.616(d)(3 &4)]	X			PAP Sec 6.1.1.5
	d. damage prevention awareness	X			PAP Sec 6.1.1.3
	e. how and where to get more information	X			PAP Sec 6.1.1.7
	f. One-call requirements [192.616(d)(1)]	X			PAP Sec 6.1.1.4
	g. Emergency communications [192.616(d)(5)]	X			PAP Sec 6.1.1.7
Emergency Officials	a. pipeline purpose and reliability	X			PAP Sec 6.2.1.1
	b. hazards & prevention measures undertaken [192.616(d)(2)]	X			PAP Sec 6.2.1.2
	c. leak recognition and response [192.616(d)(3 &4)]	X			PAP Sec 6.3.1.12
	d. emergency preparedness and response	X			PAP Sec 6.2.1.3
	e. how and where to get more information	X			PAP Sec 6.2.1.7
	f. emergency communications [192.616(d)(5)]	X			PAP Sec 6.2.1.7

g. One-call requirements [192.616(d)(1)]	X			PAP Sec 6.2.1.13
<p>Comments: For our 2011 mailing, messages noted above can be found in the following printed pieces:</p> <p>Affected Public:</p> <ul style="list-style-type: none"> a. pipeline purpose & reliability –2011 Affected Public Letter; 2011 Get the Facts letter insert b. hazards & prevention measures undertaken – 2011 Affected Public Letter; 2011 Get the Facts letter insert c. leak recognition and response –2011 Affected Public Letter; 2011 Get the Facts letter insert d. damage prevention awareness – 2011 Affected Public Letter; 2011 Get the Facts letter insert e. how and where to get more information –2011 Affected Public Letter; 2011 Get the Facts letter insert f. One-call requirements - 2011 Get the Facts letter insert g. emergency communications – 2011 Affected Public Letter; 2011 Get the Facts letter insert <p>Emergency Officials</p> <ul style="list-style-type: none"> a. pipeline purpose & reliability –2011 Emergency Responder Letter; 2011 Emergency Responder Fact Sheet; Online Training b. hazards & prevention measures undertaken – 2011 Emergency Responder Fact Sheet; Online Training c. leak recognition and response –2011 Emergency Responder Fact Sheet; Online Training d. emergency preparedness and response – 2011 Emergency Responder Fact Sheet; Online Training e. how and where to get more information – 2011 Emergency Responder Letter; 2011 Emergency Responder Fact Sheet; Online Training f. emergency communications – 2011 Emergency Responder Letter; 2011 Emergency Responder Fact Sheet; Online Training g. One-call requirements – 2011 Emergency Responder Fact Sheet; Online Training 				

		Yes	No	N/A	Com-ment
2. (Continued)	1162 Section 4: Message Content (These are required in written plan. They will need verification in field)				
Local Public Officials	a. pipeline purpose and reliability	X			PAP Sec 6.3.1.1
	b. hazards & prevention measures undertaken [192.616(d)(2)]	X			PAP Sec 6.2.1.2
	c. leak recognition and response [192.616(d)(3 &4)]	X			PAP Sec 6.2.1.11
	d. emergency preparedness and response	X			PAP Sec 6.2.1.3
	e. right-of-way encroachments		X		
	f. how and where to get more information	X			PAP Sec 6.2.1.6
	g. emergency communications [192.616(d)(5)]	X			PAP Sec 6.2.1.6
	h. construction/maintenance activities	X			PAP Sec 8.5
	i. One-call requirements [192.616(d)(1)]	X			PAP Sec 6.3.1.4
Excavators/ Contractors	a. pipeline purpose and reliability	X			PAP Sec 6.4.1.1
	b. hazards & prevention measures undertaken [192.616(d)(2)]	X			PAP Sec 6.4.1.2
	c. leak recognition and response [192.616(d)(3 &4)]	X			PAP Sec 6.4.1.5
	d. damage prevention awareness	X			PAP Sec 6.4.1.3
	e. pipeline location information	X			PAP Sec 6.4.3.1
	f. how and where to get more information	X			PAP Sec 6.4.1.6
	g. One-call requirements [192.616(d)(1)]	X			PAP Sec 6.4.1.4
	h. emergency communications [192.616(d)(5)]	X			PAP Sec 6.4.1.6
3.	1162 Section 4 (4.4.1): PRIORITY MESSAGE (Message should be written in plan and verified in Field) Does the program identify the message for Emergency and Public Officials as protecting people first and then property as the TOP priority message?	X			PAP Sec 6.2.1.11 6.3.1.10
		Yes	No	N/A	Com-ment
4.	1162 Section 5: Delivery Method				
Affected Public:	(From written plan – Does operator provide applicable documentation?)				
LDC Customers	1. Bill Stuffer – required minimum			X	
Baseline	1. Public service announcements			X	
	2. Paid Advertising				
	3. Other:				
Supplemental	1. Public service announcements		X		
	2. Paid advertising		X		
	3. Targeted distribution of print material	X			PAP Sec 8.1
	4. Newspaper and magazine advertisements		X		
	5. Community events		X		
	6. Community newsletters		X		
	7. Other:	X			PAP Sec 8.1
Emergency	(From written plan – Does operator provide applicable				

Officials:	documentation?)				
Baseline:	1. Print Materials	X			PAP Sec 8.2
	2. Group Meetings	X			PAP Sec 8.2
	3. Other				
Supplemental:	1. Telephone calls		X		
	2. Personal contact	X			PAP Sec 8.2
	3. Videos and/or CDs		X		
	4. Other:	X			PAP Sec 8.2
Local Public Officials:	(From written plan – Does operator provide applicable documentation?)				
Baseline:	1. Targeted distribution of printed materials	X			PAP Sec 8.3
	2. Other	X			PAP Sec 8.3
Supplemental:	1. Group meetings	X			PAP Sec 8.3
	2. Telephone calls		X		
	3. Personal contact	X			PAP Sec 8.3
	4. Other	X			PAP Sec 8.3
Excavators/ Contractors	(From written plan – Does operator provide applicable documentation?)				
Baseline:	1. Once-Call center outreach	X			PAP Sec 8.4
	2. Group meetings	X			PAP Sec 8.4
	3. Other	X			PAP Sec 8.4
Supplemental	1. Personal contact	X			PAP Sec 8.4
	2. Videos and/or CDs		X		
	3. Open houses		X		
	4. Targeted distribution of print materials	X			PAP Sec 8.4
	5. Other	X			PAP Sec 8.4
		Yes	No	N/A	Comment
5.	1162 Section 5: Delivery Frequencies (These are required in the written plan)				
Affected Public:					
LDC Customers?	Does documentation show at least twice per year?			X	
Residents along the LDC system?	Does documentation show at least once per year?			X	
Emergency Officials	Does documentation show at least once per year?	X			PAP Sec

	b. Does the annual audit ensure all actions called for in the Plan have been carried out as specified in the Plan?	X			PAP Sec 11.2.1
	c. Are records of the annual audit maintained by the Program Administrator?	X			PAP Sec 10
10.	1162 Section 8: Evaluation Results				
	Has the operator issued the results of the evaluation (review), shared it with upper management and sought internal feedback?	X			
11.	1162 Section 8: Continuous Improvement Conducted:				
	a. Has the operator modified its program based on its evaluation?	X			PAP Sec 12
	b. Are these changes documented?	X			
	c. Have these changes been implemented?	X			
	COMMENTS: A complete list of program improvements can be found in the 2010 Program Evaluation & Measurement , Section III				
12.	1162 Section 8: Effectiveness Assessment (This is required upon design or re-design of materials and/or messages)				
	a. Pre-tested Materials: 2010 HCA Safety Letter 2009 Energy You Can Count On brochure 2009 Farmers Post Card 2009 811 Post Card 2008 Excavator Collaborative Brochure				
	b. Date Pre-test conducted: 2010 HCA Safety Letter (Internal Focus Group – Jan. 2010) 2009 Energy You Can Count On brochure (Internal Focus Group – Jan. 2009) 2009 Farmers Post Card (Internal Focus Group – Jan. 2009) 2009 811 Post Card (Internal Focus Group - January 2009) 2010 Excavator Collaborative Brochure (External Focus Group – Nov. 2009)	X			
13.	1162 Section 8: Effectiveness Assessment (Required to be done no more than FOUR years apart)				
	a. Last Survey of Targeted Audiences: Affected Public – Phone survey (May 2007) Emergency Officials – Online survey (June-Aug 2010) Public Officials – Reply cards (July-Aug 2010) Excavators – Phone survey / reply cards (April – June 2010)				
	b. Date of last effectiveness assessment: January 2011				
	c. Has the operator documented the results of evaluating the program for effectiveness?	X			
	Explain: Latest results are documented in 2010 Program Evaluation and Measurement and 2010 Effectiveness Overview documents				

NOTES-FIELD INSPECTION

Company: Williams Gas Pipeline-West

Date(s): June 13-17, 2011

Unit: Sumas District

Field Readings										
Line & Location	Line		CP Volts		P/S	Recifier		Pressures		Remarks
	Size	In.	P/S	Casing		Volts	Amps	Set	Actual	
Sumas Compressor Test Pt #150 Test Pt #119 Rectifier #1686 Rectifier #459-2			-1.198 V -2.030 V			24.8 V 9.98 V	3.6 A 5.8 A			Rectifier Setting C-2, F-5 Rectifier Setting C-2, F-5
Sumas Compressor Stations										Gas sensor for B-Plant tested at turbine 1806. Gas sensor for D-Plant tested.
Lynden Meter Sta. 7861 Lebrant Rd Everson, WA 98247	36"		-1.745			#1806-1 14.0 V #1806-2 60 V	0.2 A 0.6 A		241.7 psig	Overpressure Protection = 275psig.
Lawrence Meter Station 3882 E. Hoff Rd Everson, WA 98237			-1.785			5.37 V	3.7 A			Setting at C-1, F-2
Bellingham Lateral 4475 Y Rd. Bellingham, WA 98226		6-inch 12-inch	-1.450 V -1.466	-0.498 A n/a						Overpressure Protection = 162 psig.
Bellingham-I 4175 Britton Rd		6-inch & 12-inch	-1.422 V						420 psig	< Inlet Pressure < P/S at Heater Outlet

Field Readings

Line & Location	Size	Line In.	CP Volts		Rectifier		Pressures		Remarks
			P/S	Casing	Volts	Amps	Set	Actual	
Bellingham Takeoff (True Log Home) 4208 Mt. Baker Hwy. Everon, WA 98247		30-inch 12-inch 12-inch	-1.160 V -1.257 V -1.216 V						30" Valve operated OK
Denning Meter Sta 5125 Water Rd Denning, WA 98244			-1.310 V				150 psig	150 psig	
Valve 17-7 (South of North Nooksack River)		30-inch 36-inch	-1.210 -1.390						This valve will be replaced or repaired with a new motor.
Valve 17L-6A 1510 Mosquito Lake Rd Denning, WA 98244		30-inch 36-inch	-1.315 V -1.350 V						30" Valve added 2006.
Rectifier #1811-1 > Rectifier #1811-2 >		> >	> >		5.69 V 4.53 V	4.5 A 1.2 A			
Skagit River Crossing		30-inch 36-inch	-1.460 -1.580		27.99 V	12.4 A			Rectifier #1071 C-1, F-5 Note: A new 36" Rectifier is planned for Aug. 2011.
Sedro-Woolly Gate Station		30-inch	-1.140 V						Valve operated OK Class 3 Location
Mt Vernon Compressor Launcher (TP 124) Receiver (TP 160) Rectifier # 847 > (Ground Bed) Rectifier # 1687 > (Deep Well)		30-inch 30-inch > >	-1.080 V -1.100 V > >		37.17 V 13.22 V	1.08 A 9.4 A			Setting at C-1, F-4

Field Readings										
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks	
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual		
Mt Vernon Compressor B-Plant suction	30-inch		-1.063 V				985 psig	984 psig	Gas sensor for A & B-Plants tested OK.	
	36-inch		-1.036 V							
Oak Harbor and Stanwood MS, Stanwood lateral	6-inch		-1.297 V					720 psig 350 psig	CNG @ -1.175 V < Inlet Pressure < Outlet Pressure	
								710 psig		
East Stanwood MS 28531 80 th Ave NW			-1.266 V						CNG @ -1.012 V < Inlet Pressure	
Stanwood lateral Rectifier #1812-1 Rectifier #1812-2			-1.530 V							
					5.41 V 3.83 V	2.75 A 1.30A				
Valve 17-4 28403 59 Ave NE Arlington, WA 98223	30-inch 36-inch		-1.210 V -1.956 V						Valve operated OK	

Western Region Unit Information

Inspector or State Office: WASHINGTON, CC	SMART Activity # 133011
Unit ID: 8355	Unit Name: WA-UTC/SUMAS DISTRICT
Operator ID: 13845	Operator Name: NORTHWEST PIPELINE CORP (WGP)

Unit Boundaries

Description:	Device:	Latitude:	Longitude:
73.3 ROW miles of 30-inch Gas Transmission Pipeline	Valve		
60.4 ROW miles of 36-inch Gas Transmission Pipeline	Valve		

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 CPF 520071004M, 520071001
 Unit-level Enforcement: Letter Sent CPF 520071012W, 520055022W
 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)*

- | | | |
|--|--|---|
| <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 accident that required in-patient hospitalization.

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): 30": 1967-1971 Pipe specification (e.g. API 5L, ASTM D2513) API 5LX

6) Normal Operating Pressure (psig), min: 36": 619 psig max: 36": 927 psig % SMYS, max: 39-58%

7) MOP/MAOP (psig), min: 39 max: 58 Changes in MOP/MAOP in previous year: Increase Decrease None

8) Seam Type:

9) Coating Type:

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:

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

Method:

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:

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

High Population Area (%):	30" - 0.65 miles or 0.9%. 36"
Other Population Area (%):	30" - 1.11 miles or 0.9%. 36"
Drinking Water USA (%):	n/a
Ecological Resource USA (%):	n/a
Commercially Navigable Waterway (%):	Skagit River, but its an eleva

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

Tool Type	Year	Results Summary
Magnetic Flux Leakage	2007	30" line had no corrosion found, some dents and lamination were

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	Title: President
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	e. right-of-way encroachments		X		
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	3. Other:				
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	3. Targeted distribution of print material	X			PAP Sec 8.1
	4. Newspaper and magazine advertisements		X		
	5. Community events		X		
	6. Community newsletters		X		
	7. Other:	X			PAP Sec 8.1
Emergency	(From written plan – Does operator provide applicable				

Officials:	documentation?)				
Baseline:	1. Print Materials	X			PAP Sec 8.2
	2. Group Meetings	X			PAP Sec 8.2
	3. Other				
Supplemental:	1. Telephone calls		X		
	2. Personal contact	X			PAP Sec 8.2
	3. Videos and/or CDs		X		
	4. Other:	X			PAP Sec 8.2
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Emergency Officials	Does documentation show at least once per year?	X			PAP Sec

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	a. Pre-tested Materials: <i>2010 HCA Safety Letter</i> <i>2009 Energy You Can Count On brochure</i> <i>2009 Farmers Post Card</i> <i>2009 811 Post Card</i> <i>2008 Excavator Collaborative Brochure</i>				
	b. Date Pre-test conducted: <i>2010 HCA Safety Letter (Internal Focus Group – Jan. 2010)</i> <i>2009 Energy You Can Count On brochure (Internal Focus Group – Jan. 2009)</i> <i>2009 Farmers Post Card (Internal Focus Group – Jan. 2009)</i> <i>2009 811 Post Card (Internal Focus Group - January 2009)</i> <i>2010 Excavator Collaborative Brochure (External Focus Group – Nov. 2009)</i>	X			
13.	1162 Section 8: Effectiveness Assessment (Required to be done no more than FOUR years apart)				
	a. Last Survey of Targeted Audiences:: Affected Public – Phone survey (May 2007) Emergency Officials – Online survey (June-Aug 2010) Public Officials – Reply cards (July-Aug 2010) Excavators – Phone survey / reply cards (April – June 2010)				
	b. Date of last effectiveness assessment: January 2011				
	c. Has the operator documented the results of evaluating the program for effectiveness?	X			
	Explain: Latest results are documented in 2010 Program Evaluation and Measurement and 2010 Effectiveness Overview documents				