Utilities and Transportation Commission
Standard Inspection Report for Intrastate Gas Transmission Pipelines
Records Review and Field Inspection (Form D)

A completed **Standard Inspection Checklist, Cover Letter and Field Report** is to be submitted to the Senior Engineer within 30 days from completion of the inspection.

Inspection Report			
Docket Number	PG-090049		
Inspector Name & Submit Date	Lex Vinsel/8/5/2009		
Sr. Eng Name & Review Date	D. Lykken 8/12/2009		
Operator Information			
Name of Operator:	BP Pipelines (North America) Inc.	**OP ID #:**	31189
Name of Unit(s):	Ferndale System		
Records Location:	Blaine, WA		
Date(s) of Last (unit) Inspection:	August 27-31, 2007	**Inspection Date(s):**	July 13-16, 2009

Inspection Summary:

Maps for BP Olympic - Ferndale Gas Line Standard Inspection Docket #090049
Pipeline starts from the north at Sumas Station on the US/Canadian Border. Sumas station is approximately 17,250 feet west of the intersection of State Route 9 (in Sumas) and the Canadian Border. From Sumas Station the pipeline zigzags in a generally SW direction until 13250 ft south of the Border. From that point the pipeline proceeds straight West paralleling the Cascade Pipeline. The line turns SW with the Cascade Pipeline to the meter station on the east side of the Arco Cherry Point Refinery. After the meter station at the Refinery the pipeline continues south southwest to the Intelco aluminum plant where it ends.

Pipeline does not have a compressor.
Six (6) block valves
Meter and Odorant
300-400 Delivery pressure

HQ Address:		**System/Unit Name & Address:**	
BP Pipeline (North America) Inc. Mail Code 7018 801 Warrenville Road Lisle, IL 60532		BP Pipe Line (North America) Inc. 14789 Ovenell Road Mount Vernon, WA 98273	
Co. Official:	James Lamanna, President	**Phone No.:**	(360)371-1744
Phone No.:	(630)493-3745	**Fax No.:**	(360)371-1697
Fax No.:	(630)493-3725	**Emergency Phone No.:**	(800)362-6742 (Tulsa)
Emergency Phone No.:	(630)362-6742		

Persons Interviewed	Title	Phone No.
Dave Knoelke	Compliance Coordinator	(360)443-6511
James Fraley	Damage Prevention	(360)957-0203
Jim Traphofner	Corrosion Specialist	(206)510-8262
Dennis Johnson	North Core Team Leader	(360)424-0365
Pete Romero	Operations Specialist	(360)305-4711

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UTC staff conducted abbreviated procedures inspection on 192 O&M and WAC items that changed since the last inspection. This checklist focuses on Records and Field items per a routine standard inspection.

(check one below and enter appropriate date)

☐	Team inspection was performed (Within the past five years.) or,	**Date:**	
☒	Other UTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.)	**Date:**	7/2007

GAS SYSTEM OPERATIONS			
Gas Supplier	Spectra Pipeline		
Number of reportable safety related conditions last year 0		Number of deferred leaks in system 0	
Number of non-reportable safety related conditions last year 0		Number of third party hits last year 0	
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas) 31.8 miles of 16-inch, 4.5 miles of 8-inch			
Operating Pressure(s):		**MAOP (Within last year)**	**Actual Operating Pressure** (At time of Inspection)
Feeder:	Incoming 550 psig	812 psig SYMS below 20%	
Town:			
Other:			
Compressor stations? Use Attachment 4.	No		

Pipe Specifications:			
Year Installed (Range)	1990	Pipe Diameters (Range)	8 & 16 inch
Material Type	Steel	Line Pipe Specification Used	X-65 X-42
Mileage	31.8 miles for 16-inch, 4.5 miles for 8-inch	SMYS %	812 psig SYMS below 20%
Supply Company	Spectra Pipeline	Class Locations	1, 2 & 3

Operator Qualification Field Validation

Important: Per OPS, the OQ Field Inspection Protocol Form (Rev 3, Feb 08) shall be used by the inspector as part of this standard inspection. When completed, the inspector will upload this information into the PHMSA OQ Database (OQDB) located at http://primis.phmsa.dot.gov/oqdb/home.oq **Date Completed:** July 31, 2009

	REPORTING RECORDS		S	U	N/A	N/C
1.	191.5	Telephonic reports to National Response Center (**800-424-8802**) **None**			X	
2.	191.15	Written incident reports; supplemental incident reports (DOT Form RSPA F 7100.2) **None**			X	
3.	191.17 (a)	Annual Report (DOT Form RSPA F 7100.2-1) Reviewed Copy 5/22/09 noted one incident where leakage was discovered. **Incident ID#1982** Leakage was from a grease fitting on the valve per D. Koenlke.	X			
4.	191.23	Safety related condition reports **None**			X	
5.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports **None**			X	
6.	480-93-200(1)	Telephonic Reports to UTC **Pipeline Safety Incident Notification 1-888-321-9146** (Within **2 hours**) for events which;				
7.	480-93-200(1)(a)	Result in a fatality or personal injury requiring hospitalization; **None**			X	

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REPORTING RECORDS			S	U	N/A	N/C
8.	480-93-200(1)(b)	Results in damage to property of the operator and others of a combined total exceeding fifty thousand dollars; **None**			X	
9.	480-93-200(1)(c)	Results in the evacuation of a building, or high occupancy structures or areas; **None**			X	
10.	480-93-200(1)(d)	Results in the unintentional ignition of gas; **None**			X	
11.	480-93-200(1)(e)	Results in the unscheduled interruption of service furnished by any operator to twenty five or more distribution customers; **None**			X	
12.	480-93-200(1)(f)	Results in a pipeline or system pressure exceeding the MAOP plus ten percent or the maximum pressure allowed by proximity considerations outlined in WAC 480-93-020; **None**			X	
13.	480-93-200(1)(f)	Is significant, in the judgment of the operator, even though it does not meet the criteria of (a) through (f) of this subsection; or **None**			X	
14.	480-93-200(2)	Telephonic Reports to UTC **Pipeline Safety Incident Notification 1-888-321-9146** (Within **24 hours**) for; **None**			X	
15.	480-93-200(2)(a)	The uncontrolled release of gas for more than two hours; **None, see note #15**			X	
16.	480-93-200(2)(b)	The taking of a high pressure supply or transmission pipeline or a major distribution supply pipeline out of service; **None**			X	
17.	480-93-200(2)(c)	A pipeline operating at low pressure dropping below the safe operating conditions of attached appliances and gas equipment; or **None**			X	
18.	480-93-200(2)(d)	A pipeline pressure exceeding the MAOP **None**			X	
19.	480-93-200(5)	Written incident reports (within 30 days) including the following; **Incident ID#1982, see note #15.**				
20.	480-93-200(4)(a)	Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged; **None**			X	
21.	480-93-200(4)(b)	The extent of injuries and damage; **None**			X	
22.	480-93-200(4)(c)	A description of the incident or hazardous condition including the date, time, and place, and reason why the incident occurred. If more than one reportable condition arises from a single incident, each must be included in the report; **See Notes #15, 22-31 below**	X			
23.	480-93-200(4)(d)	A description of the gas pipeline involved in the incident or hazardous condition, the system operating pressure at that time, and the MAOP of the facilities involved; **See Notes #15, 22-31 below**	X			
24.	480-93-200(4)(e)	The date and time the gas pipeline company was first notified of the incident; **See Notes #15, 22-31 below**	X			
25.	480-93-200(4)(f)	The date and time the ((operators')) gas pipeline company's first responders arrived on-site; **See Notes #15, 22-31 below**	X			
26.	480-93-200(4)(g)	The date and time the gas ((facility)) pipeline was made safe; **See Notes #15, 22-31 below**	X			
27.	480-93-200(4)(h)	The date, time, and type of any temporary or permanent repair that was made; **See Notes #15, 22-31 below**	X			
28.	480-93-200(4)(i)	The cost of the incident to the ((operator)) gas pipeline company; **See Notes #15, 22-31 below**	X			
29.	480-93-200(4)(j)	Line type; **See Notes #15, 22-31 below**	X			
30.	480-93-200(4)(k)	City and county of incident; and **See Notes #15, 22-31 below**	X			
31.	480-93-200(4)(l)	Any other information deemed necessary by the commission. **See Notes #15, 22-31 below**	X			
32.	480-93-200(5)	Submit a supplemental report if required information becomes available **None**			X	
33.	480-93-200(6)	Written report within 45 days of receiving the failure analysis of any **incident or hazardous condition** due to **construction defects or material failure None**			X	
34.	480-93-200(7)	**Annual Reports** filed with the commission no later than **March 15** for the proceeding calendar year **Annual reports for 2007, 2008, & 2009 were filed on time.**	X			
35.	480-93-200(7)(a)	A copy of PHMSA F-7100.1-1 and F-7100.2-1 annual report required by U.S. Department of Transportation, PHMSA/Office of Pipeline Safety **Reviewed 2007 & 2008 annual reports.**	X			
36.	480-93-200(7)(b)	Damage Prevention Statistics Report including the following; Received Mar 12, 2009	X			
37.	480-93-200(7)(b)(i)	Number of gas-related one-call locate requests completed in the field; **(346 requests / 56 field verified)**	X			
38.	480-93-200(7)(b)(ii)	Number of third-party damages incurred; and **None**			X	

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	REPORTING RECORDS		S	U	N/A	N/C
39.	480-93-200(7)(b)(iii)	Cause of damage, where cause of damage is classified as one of the following: (A) Inaccurate locate; (B) Failure to use reasonable care; (C) Excavated prior to a locate being conducted; or (D) Excavator failed to call for a locate. **None**			X	
40.	480-93-200(7)(c)	Reports detailing all construction defects and material failures resulting in leakage. Categorizing the different types of construction defects and material failures. The report must include the following: (i) Types and numbers of construction defects; and (ii) Types and numbers of material failures. **One material failure is recorded on last year's 2008 Construction Defects & Materials Failures.**	X			
41.	480-93-200(8)	Providing updated emergency contact information to the commission and appropriate officials of all municipalities where gas pipeline companies have facilities	X			
42.	480-93-200(9)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m. **No construction or repair activity during this time period.**			X	
43.	480-93-200(10)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required **Submitted from Tulsa for this pipeline.**	X			

Comments:

#15, 22-31 -S – **Incident ID#1982 -** BP reported leaking gas coming from a mainline valve. Grease was injected into the valve and the leak stopped. Leak was very small only resulting in bubbles rising up through a water puddle above the valve during the Wet Season. BP reported it as an uncontrolled gas leak for over 2 hours, in their case this was a very small 'weeper', considering line pressure is between 400-500 psig.

	CONSTRUCTION RECORDS		S	U	N/A	N/C
44.	192.225	Test Results to Qualify Welding Procedures			X	
45.	192.227	Welder Qualification			X	
46.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables			X	
47.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992			X	
48.	480-93-115(3)	Sealing ends of casings or conduits on Transmission lines and main			X	
49.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services			X	
50.	192.241(a)	Visual Weld Inspector Training/Experience			X	
51.	192.243(b)(2)	Nondestructive Technician Qualification			X	
52.	192.243(c)	NDT procedures			X	
53.	192.243(f)	Total Number of Girth Welds			X	
54.	192.243(f)	Number of Welds Inspected by NDT			X	
55.	192.243(f)	Number of Welds Rejected			X	
56.	192.243(f)	Disposition of each Weld Rejected			X	
57.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables			X	
58.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992			X	
59.	480-93-115(3)	Sealing ends of casings or conduits on Transmission lines and main			X	

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CONSTRUCTION RECORDS			S	U	N/A	N/C
60.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services			X	
61.	192.303	Construction Specifications			X	
62.	192.325	Underground Clearance			X	
63.	192.327	Amount, Location, Cover of each Size of Pipe Installed			X	
64.	192.328	If the pipeline will be operated at the alternative MAOP standard calculated under 192.620 (80% SMYS) does it meet the additional construction requirements for: • Quality assurance • Girth welds • Depth of cover • Initial strength testing, and; • Interference currents?			X	
65.	480-93-160(1)	Detailed report filed 45 days prior to construction or replacement of transmission pipelines ≥ 100 feet in length			X	
66.	480-93-170(3)	Pressure Tests Performed on new and replacement pipelines			X	
67.	480-93-170(10)	Pressure Testing Equipment checked for Accuracy/Intervals (Manufacturers Recom or Operators schedule)			X	
68.	480-93-175(1)	Study prepared and approved prior to moving and lowering of metallic pipelines > 60 psig			X	
69.	192.455	Cathodic Protection			X	

Comments:

44 -69. No construction performed during this time period.

OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
70.	192.14	**Conversion To Service Performance and Records**				
71.	192.14 (a)(2)	Visual inspection of right of way, aboveground and selected underground segments Visible right of way No conversion to serve on this pipeline **No conversion to service on this pipeline.**			X	
72.	192.14 (a)(3)	Correction of unsafe defects and conditions. **No conversion to service.**			X	
73.	192.14 (a)(4)	Pipeline testing in accordance with Subpart J **No conversion to service.**			X	
74.	192.14 (b)	Pipeline records: investigations, tests, repairs, replacements, alterations (life of pipeline) **No conversion to service.**			X	
75.	192.16	Customer Notification (**Verification – 90 days – and Elements**) **No service lines in system.**			X	
76.	192.603(b)	Procedural Manual Review – Operations and Maintenance (**1 per yr/15 months**) .605(a) **Procure manual review done at least annually.**	X			
77.	192.603(b)	Abnormal Operations .605(c) **Abnormal operations review done with the Procure manual review that is done at least annually.**	X			
78.	192.603(b)	Availability of construction records, maps, operating history to operating personnel .605(b)(3) **Line sheets and copies are available at the refinery.**	X			
79.	192.603(b)	Periodic review of personnel work – effectiveness of normal O&M procedures .605(b)(8) **During procedure review they ask training department to have proctor if the people had any trouble with the procedure P#-P192.605(b)(8).**	X			
80.	192.603(b)	Periodic review of personnel work – effectiveness of abnormal operation procedures .605(c)(4)**Same as above.**	X			
81.	192.709	Damage Prevention (**Miscellaneous**) .614	X			
82.	192.709	Class Location Study (**If Applicable**) .609 **Performed yearly and sent to the Area leaders.**	X			
83.	192.603(b)	Location Specific Emergency Plan .615(b)(1)	X			
84.	192.603(b)	Emergency Procedure training, verify effectiveness of training .615(b)(2) **Table top, procedures to verify effectiveness of training in place.**			X	

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		OPERATIONS and MAINTENANCE RECORDS	S	U	N/A	N/C
85.	192.603(b)	Employee Emergency activity review, determine.if procedures were followed. .615(b)(3) **procedures were followed with weeping gas.**	X			
86.	192.603(b)	Liaison Program with Public Officials .615(c) **See comment below**	X			
	192.605(a)	**Public Awareness Program** .616				
		Operators in existence on June 20, 2005, must have completed their written programs no later than June 20, 2006. See 192.616(a) and (j) for exceptions.				
		API RP 1162 Baseline* Recommended Message Deliveries				
		Stakeholder Audience (Natural Gas Transmission Line Operators) / **Baseline Message Frequency (starting from effective date of Plan)** Residents Along Right-of-Way and Places of Congregation — 2 years – Mailings sent out by Paradyme company in Texas. Emergency Officials — Annual Mailings Public Officials — Every 3 years on a rotating basis for the three counties that contain the pipeline. Excavator and Contractors — Annual Mailings for all excavation & construction License holders in the 3 county area. One-Call Centers — As required of One-Call Center				
		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.				
87.	192.605(a)	The operator's program must specifically include provisions to educate the public, appropriate government organizations, and persons engaged in excavation related activities on: .616(d) (1) Use of a one-call notification system prior to excavation and other damage prevention activities; (2) Possible hazards associated with the unintended release from a gas pipeline facility (3) Physical indications of a possible release; (4) Steps to be taken for public safety on the event of a gas pipeline release; and (5) Procedures to report such an event (to the operator). **Brochure**	X			
88.		The operator's program must include activities to advise affected municipalities, school districts, businesses, and residents of pipeline facility locations. .616(e)	X			
89.		The operators program and the media used must be comprehensive enough to reach all areas in which the operator transports gas. .616(f) **Person to person**	X			
90.		The program conducted in English and any other languages commonly understood by a significant number of the population in the operator's area. .616(g) **& Spanish**	X			
91.		Analyzing accidents and failures including laboratory analysis where appropriate to determine cause and prevention of recurrence .617 **No incidents or failures to review for this time period.**			X	
92.	192.517	Pressure Testing – **Original hydro test, no construction during this time period.**			X	
93.	.553(b)	Uprating – **No uprating performed on this line.**			X	
94.	192.709	**Maximum Allowable Operating Pressure (MAOP)**				
95.	.605(a)	**Note: If the operator is operating at 80% SMYS with waivers, the inspector needs to review the special conditions of the waiver.**				
96.		MAOP cannot exceed the lowest of the following: .619				
97.		Design pressure of the weakest element, .619(a)(1) Amdt, 192-103 pub. 06/09/06, eff. 07/10/06 **O&M book 2 Section 5.69.01 MAOP yearly review.**	X			

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<table>
<tr><th colspan="3">OPERATIONS and MAINTENANCE RECORDS</th><th>S</th><th>U</th><th>N/A</th><th>N/C</th></tr>
<tr><td>98.</td><td></td><td>The highest actual operating pressure to which the segment of line was subjected during the 5 years preceding the applicable date in the second column, unless the segment was tested in according to .619(a)(2) after the applicable date in the third column or the segment was uprated according to subpart K. Amdt 192-102 pub. 3/15/06, eff. 04/14/06. For gathering line related compliance deadlines and additional gathering line requirements, refer to Part 192 including this amendment. .619(a)(3)
<table>
<tr><th>Pipeline segment</th><th>Pressure date</th><th>Test date</th></tr>
<tr><td>-Onshore gathering line that first became subject to this part (other than §192.612) after April 13, 2006.</td><td>March 15, 2006, or date line becomes subject to this part, whichever is later.</td><td>5 years preceding applicable date in second column.</td></tr>
<tr><td>Offshore gathering lines</td><td>July 1, 1976</td><td>July 1, 1971</td></tr>
<tr><td>All other pipelines</td><td>July 1, 1970</td><td>July 1, 1965</td></tr>
</table>
No uprating performed for this pipeline facility</td><td></td><td></td><td>X</td><td></td></tr>
<tr><td>99.</td><td>.605(a)</td><td>.619(c) The requirements on pressure restrictions in this section do not apply in the following instance. An operator may operate a segment of pipeline found to be in satisfactory condition, considering its operating and maintenance history, at the highest actual operating pressure to which the segment was subjected during the 5 years preceding the applicable date in the second column of the table in paragraph (a)(3) of this section. An operator must still comply with §192.611. Amdt 192-102 pub. 3/15/06, eff. 04/14/06. For gathering line related compliance deadlines and additional gathering line requirements, refer to Part 192 including this amendment. No gathering lines in this facility.</td><td></td><td></td><td>X</td><td></td></tr>
<tr><td>100.</td><td></td><td>.620 If the pipeline is designed to the alternative MAOP standard in 192.620 does it meet the additional design requirements for:
General standards
Fracture control
Plate and seam quality
Mill hydrostatic testing
Coating
Fittings and flanges
Compressor stations Final rule pub. 10/17/08, eff. 12/22/08 Not applicable, MAOP is established in another Section</td><td></td><td></td><td>X</td><td></td></tr>
<tr><td>101.</td><td>480-93-015(1)</td><td>Odorization of Gas – Concentrations adequate Odorant levels adequate for 2007 & 2008.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>102.</td><td>480-93-015(2)</td><td>Monthly Odorant Sniff Testing Procedure #P-192.625 A Odorization of Gas 2 b & c.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>103.</td><td>480-93-015(3)</td><td>Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements Have had no times with inadequate odorant. Asked questions</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>104.</td><td>480-93-015(4)</td><td>Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) Instrument calibration done on Aug 22, 2007 & Sept. 9,2008</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>105.</td><td>480-93-124(3)</td><td>Pipeline markers attached to bridges or other spans inspected? 1/yr(15 months) No pipeline attached to bridges or spans.</td><td></td><td></td><td>X</td><td></td></tr>
<tr><td>106.</td><td>480-93-124(4)</td><td>Markers reported missing or damaged replaced within 45 days? Replaced as soon as possible, usually on first site visit.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>107.</td><td>480-93-185(1)</td><td>Reported gas leaks investigated promptly/graded/record retained Yes for one instance.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>108.</td><td>480-93-185(3)</td><td>Leaks originating from a foreign source reported promptly/notification by mail/record retained No reports of foreign source leaks.</td><td></td><td></td><td>X</td><td></td></tr>
<tr><td>109.</td><td>480-93-187</td><td>Gas Leak records One leak Checked documentation for Gas Leak Surveys</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>110.</td><td>480-93-188(1)</td><td>Gas Leak surveys Checked detector calibration back to 2007</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>111.</td><td>480-93-188(2)</td><td>Gas detection instruments tested for accuracy/intervals (Mfct rec or monthly not to exceed 45 days) Checked Calibration records for instrument.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td>112.</td><td>480-93-188(3)</td><td>Leak survey frequency (Refer to Table Below) Reviewed annual leak survey for 8 & 16 inch natural gas pipeline.</td><td>X</td><td></td><td></td><td></td></tr>
<tr><td colspan="7">
<table>
<tr><td>Business Districts (By 6/02/07)</td><td>1/yr (15 months)</td></tr>
<tr><td>High Occupancy Structures</td><td>1/yr (15 months)</td></tr>
<tr><td>Pipelines Operating ≥ 250 psig</td><td>1/yr (15 months)</td></tr>
<tr><td>Other Mains: CI, WI, copper, unprotected steel</td><td>2/yr (7.5 months)</td></tr>
</table>
</td></tr>
<tr><td>113.</td><td>480-93-188(4)(a)</td><td>Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs No special surveys</td><td></td><td></td><td>X</td><td></td></tr>
</table>

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114.	480-93-188(4)(b)	Special leak surveys - areas where substructure construction occurs adjacent to underground gas facilities, and damage could have occurred **No special surveys**			X	
115.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected **No special surveys**			X	
116.	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions **No special surveys**			X	
117.	480-93-188(5)	Gas Survey Records **Reviewed annual reports for 2007 & 2008**	X			
118.	480-93-188(6)	Leak Survey Program/Self Audits **Not applicable**			X	
119.	192.709	Patrolling (**Refer to Table Below**) .705 **Weekly fly over to inspect right-of-way.**	X			

Class Location	At Highway and Railroad Crossings	At All Other Places
1 and 2	2/yr (7½ months)	1/yr (15 months)
3	4/yr (4½ months)	2/yr (7½ months)
4	4/yr (4½ months)	4/yr (4½ months)

120.	192.709	Leak Surveys (**Refer to Table Below**) .706 **Pipeline is odorized so does not require additional leak surveys.**			X	

Class Location	Required	Not Exceed
1 and 2	1/yr	15 months
3	2/yr	7½ months
4	4/yr	4½ months

121.	192.605(b)	Abandoned Pipelines; Underwater Facility Reports .727(g) **None**			X	
122.	192.709	Compressor Station Relief Devices (**1 per yr/15 months**) .731(a) **No compressors**			X	
123.	192.709	Compressor Station Emergency Shutdown (**1 per yr/15 months**) .731(c) **No compressors**			X	
124.	192.709	Compressor Stations – Detection and Alarms (**Performance Test**) .736(c) **No compressors**			X	
125.	192.709	Pressure Limiting and Regulating Stations (**1 per yr/15 months**) .739				
126.	192.709	Pressure Limiting and Regulator Stations – Capacity (**1 per yr/15 months**) .743				
127.	192.709	Valve Maintenance (**1 per yr/15 months**) .745 **OK**	X			
128.	192.709	Vault Maintenance (**≥200 cubic feet**)(**1 per yr/15 months**) .749 **No vaults**			X	
129.	192.603(b)	Prevention of Accidental Ignition (hot work permits) .751			X	
130.	192.603(b)	Welding – Procedure .225(b)			X	
131.	192.603(b)	Welding – Welder Qualification .227/.229			X	
132.	192.603(b)	NDT – NDT Personnel Qualification .243(b)(2)			X	
133.	192.709	NDT Records (**Pipeline Life**) .243(f)			X	
134.	192.709	Repair: pipe (**Pipeline Life**); Other than pipe (**5 years**)			X	

Comments:

#70-74 – N/A - No conversion to service on this pipeline.

#82-S-Reviewed Whatcom County Presentation and Sign-Up Sheet.

#86-S-Reviewed November 25, 2008 – Local Emergency Planning Committee Outline and Sign-Up Sheet (Whatcom County)

Line numbering: 250A – Sumas to Cherry Point Refinery
250B – Cherry Point to Aluminum Plant(Intelco)

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No construction or repairs made during this past review period

		CORROSION CONTROL RECORDS	S	U	N/A	N/C
135.	192.453	CP procedures (system design, installation, operation, and maintenance) must be carried out by qualified personnel **NACE Certification – CP1**	X			
136.	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction *(after 7/31/71)* **No construction during time period.**			X	
137.	192.491	Annual Pipe-to-soil Monitoring (**1 per yr/15 months**) for short sections (**10% per year; all in 10 years**) .465(a) **No isolated sections.**			X	
138.	192.491	Maps or Records .491(a)	X			
139.	192.491	Examination of Buried Pipe when Exposed .459 **Two locations of pipeline were exposed pipeline due to ILI indications. 2007 on two digs so no major repairs, dents are less than 2% so no repair, just measured the dent and rewrapped the pipe. Dents were smooth without any stress risers. # 2007-003 & #2007-005**	X			
140.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed **yes, both digs.**	X			
141.	192.491	Annual Pipe-to-soil Monitoring (**1 per yr/15 months**) .465(a) **P/S monitoring done with an interrupter. Reviewed annual pipe to Soil reads for 2007 & 2008.**	X			
142.	192.491	Rectifier Monitoring (**6 per yr/2½ months**) .465(b) **2007 rectifiers BP200 & BP 100** and **2008 rectifiers BP200 & BP100**	X			
143.	192.491	Interference Bond Monitoring – Critical (**6 per yr/2½ months**) .465(c) **No critical bonds. 2007 and 2008**			X	
144.	192.491	Interference Bond Monitoring – Non-critical (**1 per yr/15 months**) .465(c) **No interference bonds.**			X	
145.	192.491	Prompt Remedial Actions .465(d) **No indications found in time period.**			X	
146.	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (**1 per 3 cal yr/39 months**) .465(e) **No unprotected pipeline.**			X	
147.	192.491	Electrical Isolation (**Including Casings**) .467 **Casings are the only isolated structures.**	X			
148.	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d) **No remedial action during this time period.**			X	
149.	480-93-110(3)	CP Test Equipment and Instruments checked for Accuracy/Intervals (Mfct Rec or Opr Sched) **Annual tests for accuracy.**	X			
150.	480-93-110(5)	Casings inspected/tested annually not to exceed fifteen months **Casings are tested at the same time as the P/S readings.**	X			
151.	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods **None on this section.**			X	
152.	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days **No shorted conditions in system found.**			X	
153.	480-93-110(5)(c)	Casing shorts cleared when practical **No shorted casings.**			X	
154.	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months **No shorted conditions found in system.**			X	
155.	192.491	Interference Currents .473 **No interference currents in facility.**			x	
156.	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) **No corrosive gas,**			X	
157.	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b) **No replacement of pipe,**			X	
158.	192.491	Internal Corrosion; New system design; Evaluation of impact of configuration changes to existing systems .476(d) **No new pipeline on system.**			X	
159.	192.491	Internal Corrosion Control Coupon Monitoring (**2 per yr/7½ months**) .477 **No corrosion control coupons.**			X	
160.	192.491	Atmospheric Corrosion Control Monitoring (**1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore**) .481 **Last Atmospheric corrosion inspection was on 12-31-08.**	X			

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CORROSION CONTROL RECORDS			S	U	N/A	N/C
161.	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/.485 **No replaced or repaired pipe during this timeframe.**			X	

Comments:

PIPELINE INSPECTION (Field)			S	U	N/A	N/C
162.	192.161	Supports and anchors	X			
163.	192.179	Valve Protection from Tampering or Damage	X			
164.	480-93-015(1)	Odorization levels- **BP Procedure #OQ_GAS_10S**	X			
165.	192.463	Levels of Cathodic Protection	X			
166.	192.465	Rectifiers- **BP Procedure #OQ_GAS_16S**	X			
167.	192.467	CP - Electrical Isolation-	X			
168.	192.469	Test Stations (Sufficient Number)	X			
169.	192.479	Pipeline Components Exposed to the Atmosphere	X			
170.	192.481	Atmospheric Corrosion - monitoring	X			
171.	480-93-115(2)	Casings – Test Leads (Casings w/o vents installed after 9/05/1992)	X			
172.	192.605	Knowledge of Operating Personnel	X			
173.	613(b), .703	Pipeline condition, unsatisfactory conditions, hazards, etc. **None**	X			
174.	480-93-124	Pipeline Markers	X			
175.	192.751	Warning Signs	X			
176.	192.719	Pre-pressure Tested Pipe (**Markings and Inventory**)	X			
177.	192.739	Pressure Limiting and Regulating Devices (**Mechanical**)	X			
178.	192.743	Pressure Limiting and Regulating Devices (**Capacities**)	X			
179.	192.745	Valve Maintenance - **BP Procedure #OQ_GAS_16S**	X			
180.	192.801 - 192.809	Operator qualification questions – Refer to OQ Field Inspection Protocol Form (Rev 3, Feb 08)	X			

Comments:

Recent Gas Pipeline Safety Advisory Bulletins: (Last 2 years)

Number **Date** **Subject**

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ADB-07-01	April 27, 2007	Pipeline Safety: Senior Executive Signature and Certification of Integrity Management Program Performance Reports
ADB-07-02	September 6, 2007	Pipeline Safety: Updated Notification of the Susceptibility to Premature Brittle-Like Cracking of Older Plastic Pipe
ADB-07-02	February 29, 2008	Correction - Pipeline Safety: Updated Notification of the Susceptibility to Premature Brittle-Like Cracking of Older Plastic Pipe
ADB-08-02	February 28, 2008	Identifying Issues with Mechanical Couplings that Could Lead to Failure
ADB-08-03	March 10, 2008	Dangers of Abnormal Snow and Ice Build-Up on Gas Distribution Systems
ADB-08-04	June 5, 2008	Pipeline Safety - Installation of Excess Flow Valves into Gas Service Lines

Comments: