Utilities and Transportation Commission
Standard Inspection Report for Intrastate Gas Transmission Pipelines
Records Review and Field Inspection

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-100096		
Inspector Name & Submit Date	Patti Johnson, 3-15-2010		
Sr. Eng Name & Review Date	Joe Subsits, 3/17/2010		
Operator Information			
Name of Operator:	Weyerhaeuser Company	**OP ID #:**	22515
Name of Unit(s):	Weyerhaeuser-Ostrander		
Records Location:	3401 Industrial Way, Long view 98632		
Date(s) of Last (unit) Inspection:	12-18-2006 to 2-1-2007	**Inspection Date(s):**	March 8 and 9, 2010

Inspection Summary:

Weyerhaeuser has 9 miles of 12" and 1500" of 4" (to Solvay). MAOP was 672 psig, Operating pressure is 250 psig. MAOP went to 706 MAOP after the integrity management base line test (hydro test).

This inspection was good and at this time minor items are noted in the field form but I do not recommend and Probable violations or Areas of Concern.

March 1, 2010, Weyerhaeuser became part of Cosentino Consultant Corp's Total Care Program . This means that Bob will visit site every 90 days, has review plan for each visit to ensure all requirements are met and appropriate forms filled out. Also, he will be emailed about every gas function, etc

After the IMP hydro test, Weyerhaeuser rerouted piping in the meter house yard. Weyerhaeuser purchased CNG's district regular station and uses it to control the gas to NorPac. Now, CNG tie in to Weyerhaeuser is controlled by 2 isolation valves. Weyerhaeuser controls one valve and CNG the other. Although this reg station is not jurisdictional it had pitting and Weyerhaeuser did not have records from CNG regarding the regulators annual maintenance. NW Fab is under contract to clean up the regulator station when the weather improves.

HQ Address:	**System/Unit Name & Address:**
3401 Industrial Way, **Long view, WA 98632**	**Weyerhaeuser-Ostrander** **3401 Industrial Way,** **Long view 98632**

Tim Haynes, VP Mill Manger **(360) 636-6812** **(360) 425 2150** **(360) 425-2150 to com center**	**Phone No.:** **Fax No.:** **Emergency Phone No.:**	

Persons Interviewed	Title	Phone No.
Mike Karnofski	Region Service Manage	(360) 578 4862
Ron Kosloski	Pipeline Operations Managers	Cell (360) 430-9414 Pager (360) 439-3236
Robert L Cosentino	Cosentino Consultant "Corp	(530) 604-3868

UTC staff conducted abbreviated procedures inspection on 192 O&M and WAC items that changed since

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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.) **060261 Standard and Plan and Procedures completed 2/2007**	**Date:**	**February 2007**

GAS SYSTEM OPERATIONS			
Gas Supplier	**Williams Northwest 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) **9.5 miles**			
Operating Pressure(s):		**MAOP (Within last year)**	**Actual Operating Pressure (At time of Inspection)**
Feeder	**MAOP 706 psig**	**2009 MAOP increased from 672**	**240 to 249 psig**
Town:			
Other:			
Does the operator have any transmission pipelines?	**yes**		
Compressor stations? Use Attachment 4.	**no**		

Operator Qualification Field Validation

Important: Per PHMSA, 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: 3-16-2010**

Integrity Management Field Validation

Important: Per PHMSA, IMP Field Verification Form (Rev 3, March 09) shall be used by the inspector as part of this standard inspection. When completed, the inspector will upload this information into the PHMSA IM Database (IMDB) located at http://primis.phmsa.dot.gov/gasimp/home.gim **Date Completed: 3-16-2010**

REPORTING RECORDS			**S**	**U**	**N/A**	**N/C**
1.	**49 U.S.C. 60132, Subsection (b)**	**Submission of Data to the National Pipeline Mapping System Under the Pipeline Safety Improvement Act of 2002** Updates to NMPS: Operators are required to make update submissions every 12 months if any system modifications have occurred. If no modifications have occurred since the last complete submission (including operator contact information), send an email to opsgis@rspa.dot.gov stating that fact. Include operator contact information with all updates. **Reported week after the inspection**	x			
2.	**RCW 81.88.080**	Pipeline Mapping System: Has the operator provided accurate maps (or updates) of pipelines, operating over two hundred fifty pounds per square inch gauge, to specifications developed by the commission sufficient to meet the needs of first responders? **Operates below 250**	x			

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REPORTING RECORDS			S	U	N/A	N/C
3.	191.5	Telephonic reports to National Response Center (**800-424-8802**) **No reports**	x			
4.	191.15	Written incident reports; supplemental incident reports (DOT Form RSPA F 7100.2)	x			
5.	191.17 (a)	Annual Report (DOT Form RSPA F 7100.2-1)	x			
6.	191.23	Safety related condition reports	x			
7.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports **None**			x	
8.	480-93-200(1)	Telephonic Reports to UTC **Pipeline Safety Incident Notification 1-888-321-9146** (Within **2 hours**) for events which **(regardless of cause)**:				
9.	480-93-200(1)(a)	Result in a fatality or personal injury requiring hospitalization; **None**	x			
10.	480-93-200(1)(b)	Results in damage to property of the operator and others of a combined total exceeding fifty thousand dollars; **Note:** Report all damages regardless if claim was filed with pipeline company or not. **None**	x			
11.	480-93-200(1)(c)	Results in the evacuation of a building, or high occupancy structures or areas; **None**	x			
12.	480-93-200(1)(d)	Results in the unintentional ignition of gas; **None**	x			
13.	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			
14.	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			
15.	480-93-200(1)(g)	Is significant, in the judgment of the operator, even though it does not meet the criteria of (a) through (e) of this subsection; or **None**	x			
16.	480-93-200(2)	Telephonic Reports to UTC **Pipeline Safety Incident Notification 1-888-321-9146** (Within **24 hours**) for; **None**	x			
17.	480-93-200(2)(a)	The uncontrolled release of gas for more than two hours; **None**	x			
18.	480-93-200(2)(b)	The taking of a high pressure supply or transmission pipeline or a major distribution supply pipeline out of service; **No emergency, did take line out of service for IMP hydro (back feed plant with CNG). UTC was notified and on site for IMP hydro test**	x			
19.	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			
20.	480-93-200(2)(d)	A pipeline pressure exceeding the MAOP **None**	x			
21.	480-93-200(5)	Written incident reports (within 30 days) including the following; **None**				
22.	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			
23.	480-93-200(4)(b)	The extent of injuries and damage; **None**	x			
24.	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; **None**	x			
25.	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; **None**	x			

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26.	480-93-200(4)(e)	The date and time the gas pipeline company was first notified of the incident; **None**	x			
27.	480-93-200(4)(f)	The date and time the ((operators')) gas pipeline company's first responders arrived on-site; **None**	x			
28.	480-93-200(4)(g)	The date and time the gas ((facility)) pipeline was made safe; **None**	x			
29.	480-93-200(4)(h)	The date, time, and type of any temporary or permanent repair that was made; **None**	x			
30.	480-93-200(4)(i)	The cost of the incident to the ((operator)) gas pipeline company; **None**	x			
31.	480-93-200(4)(j)	Line type; **None**	x			
32.	480-93-200(4)(k)	City and county of incident; and **None**	x			
33.	480-93-200(4)(l)	Any other information deemed necessary by the commission. **None**	x			
34.	480-93-200(5)	Submit a supplemental report if required information becomes available **None**	x			
35.	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			
36.	480-93-200(7)	**Annual Reports** filed with the commission no later than **March 15** for the proceeding calendar year **Yes, have 2009 reports at 3-8-2010 inspection**				
37.	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 **None**	x			
38.	480-93-200(7)(b)	Damage Prevention Statistics Report including the following; **None**	x			
39.	480-93-200(7)(b)(i)	Number of gas-related one-call locate requests completed in the field; **None**	x			
40.	480-93-200(7)(b)(ii)	Number of third-party damages incurred; and **None**	x			
41.	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			
42.	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. **None**	x			
43.	480-93-200(8)	Providing updated emergency contact information to the commission and appropriate officials of all municipalities where gas pipeline companies have facilities **None**	x			
44.	480-93-200(9)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m. **None, no work done. During IMP hydro inspection, UTC given dates of work and staff scheduled themselves to be at site.**	x			
45.	480-93-200(10)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required **Only 4 gas employees. They would file. AND January 2010, PHMSA requested Weyerhaeuser to file an MIS report for 2009.**	x			

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Comments:

		CONSTRUCTION RECORDS No Construction since initial construction. Same procedures etc.	S	U	N/A	N/C
46.	192.225	Test Results to Qualify Welding Procedures	x			
47.	192.227	Welder Qualification	x			
48.	192.241(a)	Visual Weld Inspector Training/Experience	x			
49.	192.243(b)(2)	Nondestructive Technician Qualification	x			
50.	192.243(c)	NDT procedures	x			
51.	192.243(f)	Total Number of Girth Welds	x			
52.	192.243(f)	Number of Welds Inspected by NDT	x			
53.	192.243(f)	Number of Welds Rejected	x			
54.	192.243(f)	Disposition of each Weld Rejected	x			
55.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables	x			
56.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992	x			
57.	480-93-115(3)	Sealing ends of casings or conduits on Transmission lines and main	x			
58.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services	x			
59.	192.303	Construction Specifications	x			
60.	192.325	Underground Clearance	x			
61.	192.327	Amount, Location, Cover of each Size of Pipe Installed	x			
62.	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			
63.	480-93-160(1)	Detailed report filed 45 days prior to construction or replacement of transmission pipelines ≥ 100 feet in length	x			
64.	480-93-170(3)	Pressure Tests Performed on new and replacement pipelines **Hydro done for IMP not new or replacement pipe**	x			
65.	480-93-170(10)	Pressure Testing Equipment checked for Accuracy/Intervals (Manufacturers Recom or Operators schedule) **Records in Appendix of Manual and calculations**	x			
66.	480-93-175(1)	Study prepared and approved prior to moving and lowering of metallic pipelines > 60 psig **NO moving or lowering of pipelines**			x	
67.	192.455	Cathodic Protection **Original cp**	x			

Comments:

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		OPERATIONS and MAINTENANCE RECORDS	S	U	N/A	N/C
68.	192.14	**Conversion To Service Performance and Records - NONE**				
69.	192.14 (a)(2)	Visual inspection of right of way, aboveground and selected underground segments			x	
70.	192.14 (a)(3)	Correction of unsafe defects and conditions			x	
71.	192.14 (a)(4)	Pipeline testing in accordance with Subpart J			x	
72.	192.14 (b)	Pipeline records: investigations, tests, repairs, replacements, alterations (life of pipeline)			x	
73.	192.16	Customer Notification (**Verification – 90 days – and Elements**) **No customers**			x	
74.	192.603(b)	Procedural Manual Review – Operations and Maintenance (**1 per yr/15 months**) .605(a) Reviewed 1/20/2010 and was updated 2/10/2010. Manual changes were general updates and reviewed Appendix D for 706 MAOP as a result of IMP hydro Page 20 Section 2.4.2 should read 706 psig not 672. Typo	s			
75.	192.603(b)	Abnormal Operations .605(c) **None**	x			
76.	192.603(b)	Availability of construction records, maps, operating history to operating personnel .605(b)(3) **NW FAb contractor has copy of manual and Appendix B has maps and diagrams. O&M suppose to be with contactor on site**	x			
77.	192.603(b)	Periodic review of personnel work – effectiveness of normal O&M procedures .605(b)(8) **Manual 3 Section F32, is Personnel Reviews form.**	x			
78.	192.603(b)	Periodic review of personnel work – effectiveness of abnormal operation procedures .605(c)(4) **Manual 3 Section F32 is form**	x			
79.		**Damage Prevention Program**				
80.	192.603(b)	List of Current Excavators .614 (c)(1) **Celeritas Inc provided a multi county excavator list (Castle Rock, Carrols, Kalama, Kelso, Longview, Silver Lake, Tuttle, Vancouver, Woodlawn) and listed them all. 350 on list.** **Weyerhaeuser received 500 plus locate requests, if no gas is in the area in accordance with RCW 19.122.030 Weyerhaeuser calls the person requesting the locate and informs them. This call is documented on the faxed copy of the locate request. Weyerhaeuser goes above and beyond twice. First they call the person who requested the locate and second calls and informs person when the locate has been completed. In 2009 Weyerhaeuser had 46 actual locates.** **Interesting note: Weyerhaeuser insurance Factory Mutual also reviews Call before you dig records for fire and liability exposure reasons.**	x			
81.	192.603(b)	Notification of Public/Excavators .614 (c)(2) Reviewed 2009 letter to excavators/public	x			
82.	192.603(b)	Notifications of planned excavations. (One -Call Records) .614 (c)(3) **Weyerhaeuser received 500 plus locate requests, actually located only 46.**	x			
83.		**Damage Prevention (Operator Internal Performance Measures)**				

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		OPERATIONS and MAINTENANCE RECORDS	S	U	N/A	N/C
84.		Does the operator have a quality assurance program in place for monitoring the locating and marking of facilities? **Not in writing, but very year for the Weyerhaeuser statistics report, Bob reviews every locate ticket and would note if there was a call back or mis locate. There have been none. Also, Weyerhaeuser has been in field with the locators and have not noted any problems. Weyerhaeuser committed to document the locate record review and at least once a year observe the locator in the field to ensure there are no problems. Do not recommend an AOC for any of the following.** Do operators conduct regular field audits of the performance of locators/contractors and take action when necessary? (CGA Best Practices v. 6.0, Best Practice 4-18. Recommended only, not required) **Weyerhaeuser has been in field with the locators and have not noted any problems. If problems were identified there is an O&M procedures, the process is -1. When a task has been observed doing incorrectly, Weyerhaeuser will confirm it is being done incorrectly, 2. Will try and determine why it is being done incorrectly and remedy that situation, 3 while 2 is being done Weyerhaeuser would retrain the individual. IF the individual continues to do the task incorrectly, their OQ would be pulled and the person would no longer be allowed to perform the task. Weyerhaeuser committed to document the locate record review and at least once a year observe the locator in the field to ensure there are no problems**	x			
85.		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? **No incentives or penalties in contract, however with only 3 contract employees if there were a mis locate they would be retrained**	x			
86.		Do locate contractors address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels? **Yes, both NW Fab and Weyerhaeuser address performance problems.** **Weyerhaeuser has been in field with the locators and have not noted any problems. There are procedures, to deal with performance problems. The process is -1. When a task has been observed doing incorrectly, Weyerhaeuser will confirm it is being done incorrectly, 2. Will try and determine why it is being done incorrectly and remedy that situation, 3 while 2 is being done Weyerhaeuser would have the individual retrained (according to NW Fab OQ plan). If the individual continued to do the task incorrectly their OQ would be pulled and the person would no longer be allowed to perform the task. Weyerhaeuser committed to document the locate record review and at least once a year observe the locator in the field to ensure there are no problems**	x			
87.		Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates? **NW FAb uses Neccer for all OQ including locating. NW FAB OQ has not changed. After the 2005 inspection, Jack Dent did an independent 3rd party review of NW FAB OQ plan.**	x			
88.		Review operator locating and excavation procedures for compliance with state law and regulations. **This is reviewed during O&M review. O&M Section H, Procedure P 1**	x			
89.		Are locates are being made within the timeframes required by state law and regulations? Examine record sample. **Yes, Reviewed the 46 locates Weyerhaeuser all completed in timely manner**	x			
90.		Are locating and excavating personnel properly qualified in accordance with the operator's Operator Qualification plan and with federal and state requirements? **In 2005 Jack Dent did an independent 3rd party review of NW FAB OQ. The OQ plan has not changed and the same individuals are still working for Weyerhaeuser. These individuals have been requalified according to the task reevaluation timeframe.**	x			
91.	192.709	Class Location Study (**If Applicable**) .609 **Everything is class 3 – no 4 story buildings**	x			

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92.	192.603(b)	Prompt and effective response to each type of emergency .615(a)(3) **Note:** Review operator records of previous accidents and failures including third-party damage and leak response **NO natural gas emergencies. Did review an odor call that turned out not to be exhaust. Weyerhaeuser uses an Environmental Incident Report for all releases. This report is very detailed because of the numerous gas at the Weyerhaeuser site.**	x			
93.	192.603(b)	Location Specific Emergency Plan .615(b)(1) **Nothing changed in plan, Locations – NW FAB and Ron and Con Center**	x			
94.	192.603(b)	Emergency Procedure training, verify effectiveness of training .615(b)(2) **Natural gas in Weyerhaeuser safety manual, and gas emergency plan.**	x			
95.	192.603(b)	Employee Emergency activity review, determine if procedures were followed. .615(b)(3) **None because no emergencies**	x			
96.	192.603(b)	Liaison Program with Public Officials .615(c) **Ron does this**	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** * Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.				
97.	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; **- in letter** (2) Possible hazards associated with the unintended release from a gas pipeline facility **–edited out of original letter** (3) Physical indications of a possible release; **in letter** (4) Steps to be taken for public safety on the event of a gas pipeline release; and – **in letter** (5) Procedures to report such an event (to the operator).**- in letter** **Celeritas Inc identified people/addresses and mailed letter, Weyerhaeuser wrote the letter that had all 5 elements. I reviewed the original letter. However, the letter that was sent did not include item 2. Weyerhaeuser wanted to add a footnote to the letter regarding the hydro test. Neither Bob or Ron or Celeritas Inc. approved the change. Weyerhaeuser sent a letter to everyone within a 1320 buffer of the pipeline (2820 letters). ok**	x			
98.		The operator's program must include activities to advise affected municipalities, school districts, businesses, and residents of pipeline facility locations. .616(e) **Program sent same letter to those identified in 616(e) have a copy of letter that was sent to 2820 individual letters , and have a copy of the summary of letters from post office**	x			
99.		The operators program and the media used must be comprehensive enough to reach all areas in which the operator transports gas. .616(f) **Yes it is**	x			
100		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) **English only, no need for 2nd language in area**	x			

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-Weyer is annually**
Emergency Officials	**Annual-Weyerhaeuser does annually**
Public Officials	**3 years-Weyerhaeuser does annually**
Excavator and Contractors	**Annual-Weyerhaeuser does annually**
One-Call Centers	**As required of One-Call Center**

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101		Analyzing accidents and failures including laboratory analysis where appropriate to determine cause and prevention of recurrence .617 **Note:** Including excavation damage (PHMSA area of emphasis) **No damage, therefore no analyzing, In O&M Section 9.2.4.1(c) and Section 9.2.3.1 is procedure for analyzing accidents and failures.**	x			
102	192.517	Pressure Testing **In O&M Section D, all information except elevation and that is with original pressure test file (copies of chart in manual)**	x			
103	.553(b)	Uprating **IMP hydro test raised MAOP from 672 to 706. Tested with pressures higher than the original hydro test. All of the original components reviewed.** Reviewed	x			
104	192.709	**Maximum Allowable Operating Pressure (MAOP)**				
105	.605(a)	**Note: If the operator is operating at 80% SMYS with waivers, the inspector needs to review the special conditions of the waiver.**				
106		MAOP cannot exceed the lowest of the following: .619				
107		Design pressure of the weakest element, .619(a)(1) Amdt, 192-103 pub. 06/09/06, eff. 07/10/06 **All calculations and analysis is in O&M Section D**	x			
108		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) Pipeline segment / Pressure date / Test date -Onshore gathering line that first became subject to this part (other than §192.612) after April 13, 2006. / March 15, 2006, or date line becomes subject to this part, whichever is later. / 5 years preceding applicable date in second column. Offshore gathering lines / July 1, 1976 / July 1, 1971 All other pipelines / July 1, 1970 / July 1, 1965 **NA because line built in 1990**			x	
109		.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.** **NA because line built in 1990**			x	
110		.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 **No, Not for Weyerhaeuser**			x	
111	480-93-015(1)	Odorization of Gas – Concentrations adequate **Use injector odor system. Odorant usage stays constant.**	x			

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112	480-93-015(2)	Monthly Odorant Sniff Testing **Sniff test always conducted at the delivery point. Reviewed Heath Odorator Measurements, Reviewed calibration worksheets for 9-22-08 and 9-22-09, reviewed Heath Consultants certificate of calibration for odorator 1410, sniff test records used odorator 1410.** **O&M procedure calls for one reading a month but they usually do 2. In 2009 because hydro they wanted to see how pickled the pipe was so they did multiply sniff test. After pipe was dried out they could not smell odorant only a metal smell. Weyerhaeuser used additional gas for week for the main to get pickled again**	x			
113	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements **Never happened but O&M has provisions if it were to happen**	x			
114	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) **Reviewed calibration**	x			
115	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? **1/yr(15 months)** **Reviewed Form F34 Pipeline Marker inspection report.**	x			
116	480-93-124(4)	Markers reported missing or damaged replaced within **45 days?** **If marker damaged replace during survey. Combine with patrols**	x			
117	480-93-185(1)	Reported gas leaks investigated promptly/graded/record retained **None**	x			
118	480-93-185(3)	Leaks originating from a foreign source reported promptly/notification by mail/record retained **none**	x			
119	480-93-187	Gas Leak records **None, no leaks**	x			
120	480-93-188(1)	Gas Leak surveys **Done annually by Heath, reviewed Heath documentation.**	x			
121	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct rec or monthly not to exceed 45 days) **Yes, in Heath documentation**	x			
122	480-93-188(3)	Leak survey frequency **(Refer to Table Below)** **Required to do 2 a year. Weyerhaeuser does 5. Heath does one and one completed with each quarterly patrol Weyerhaeuser uses a GMI for the survey. Reviewed calibration**	x			

Business Districts (By 6/02/07)	**1/yr (15 months)**
High Occupancy Structures	**1/yr (15 months)**
Pipelines Operating ≥ 250 psig	**1/yr (15 months)**
Other Mains: CI, WI, copper, unprotected steel	**2/yr (7.5 months)**

123	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs **None, therefore not required**			x	
124	480-93-188(4)(b)	Special leak surveys - areas where substructure construction occurs adjacent to underground gas facilities, and damage could have occurred **None, therefore not required**			x	
125	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected **None, therefore not required**			x	
126	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions **None, therefore not required**			x	
127	480-93-188(5)	Gas Survey Records **No leaks, Reviewed records**	x			

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		OPERATIONS and MAINTENANCE RECORDS	S	U	N/A	N/C
128	480-93-188(6)	Leak Survey Program/Self Audits **Weyerhaeuser did review Heath reports etc, and have provisions for self audits in the O&M. Weyerhaeuser did not document audit because they had no leaks –Leak program working well. In the future, they agreed to document whether or not they have problems.**			x	
129	192.709	Patrolling (**Refer to Table Below**) .705 Reviewed 2009 dated12-29-09, 10-23-09, 8-2-09, 4-10-09and 2-12-10 Pipeline Patrol Report	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)

130	192.709	Leak Surveys (**Refer to Table Below**) .706	x			

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

Weyerhauser does one survey a year and Heath does one leak survey. Weyerhaeuser does leak survey during patrols and uses GMI for the survey. Reviewed calibration

131	192.605(b)	Abandoned Pipelines; Underwater Facility Reports .727(g) **none**			x	
132	192.709	Compressor Station Relief Devices (**1 per yr/15 months**) .731(a)			x	
133	192.709	Compressor Station Emergency Shutdown (**1 per yr/15 months**) .731(c)			x	
134	192.709	Compressor Stations – Detection and Alarms (**Performance Test**) .736(c)			x	
135	192.709	Pressure Limiting and Regulating Stations (**1 per yr/15 months**) .739 **Williams maintains overpressure and pressure limiting. Weyerhaeuser does not have copies of William's annual inspection. Weyerhaeuser got copy of Williams's annual inspection. In the future, will make it a practice to have a copy of Williams annual inspection on file.**	x			
136	192.709	Pressure Limiting and Regulator Stations – Capacity (**1 per yr/15 months**) .743 **Williams maintains overpressure and pressure limiting. They do not have copies suggested they keep copies.**	x			
137	192.709	Valve Maintenance (**1 per yr/15 months**) .745 **Inspect valves twice a year. Once when they abate the weeds and then a second time for valve maintenance. Reviewed 7-20-09 and 12-23-09 forms. There are 5 valve locations. During this inspection they also review atmos corrosion and corrosion, weeds, turn valve, watch for leaks and settling. This is separate from their patrols.**	x			
138	192.709	Vault Maintenance (**≥200 cubic feet**)(**1 per yr/15 months**) .749 **No vaults in system**			x	
139	192.603(b)	Prevention of Accidental Ignition (hot work permits) .751 **No hot permits issued but Weyerhaeuser has procedure for gas and plant**	x			
140	192.603(b)	Welding – Procedure .225(b) **Nothing changed since original construction**	x			
141	192.603(b)	Welding – Welder Qualification .227/.229 **Nothing changed since original construction, NW Fab procedure from original construction.**	x			
142	192.603(b)	NDT – NDT Personnel Qualification .243(b)(2) **Nothing changed since original construction**	x			
143	192.709	NDT Records (**Pipeline Life**) .243(f) **Nothing changed since original construction**	x			
144	192.709	Repair: pipe (**Pipeline Life**); Other than pipe (**5 years**) **Nothing changed since original construction**	x			

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145	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area's (HCA's) **For IMP and before accomplished this with aerial photos, and during patrols, Patrol form has a place to note "any sign of new structures or construction within 600 feet of the Pipeline? Reviewed aerial and patrol forms**	x			

Comments:

		CORROSION CONTROL RECORDS	S	U	N/A	N/C
146	192.453	CP procedures (system design, installation, operation, and maintenance) must be carried out by qualified personnel **Matt King, Premier Cathodic. Matt is NACE and does all.**	x			
147	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction *(after 7/31/71)* **CPed at time of construction in 1990**	x			
148	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 services off Weyerhaeuser line. Reviewed 2009 and 2010 Cathodic Protection Survey test stations (34 of them). This by Weyerhaeuser (NW Fab). Once a year Premier Cathodic does inspection and does instant offs. Premier does cathodic review with Matt and NW FAB information. The O&M does have the difference between pipe and casing to determine if there is a short . Short if less than 100mv Section 4.5.2 (a)**	x			
149	192.491	Maps or Records .491(a) **No map (has list)of test station, each test station is numbered is field.**	x			
150	192.491	Examination of Buried Pipe when Exposed .459 **2007 they did have exposed pipe at McGreary and Ostranler. In 2009, one exposed pipe at Solvey Lateral Mainline Valve, it was exposed when hydro test done independently from main line. At that time cp -1.709. Coating on Valve was falling off, coating was replaced with Canusa. Second exposed pipe in 2009 was McGeary and Ostrander, the bridge was blocked with debri and the water rerouted which washed out pipe, no p/s because coating was not disturbed.**	x			
151	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed **See above**	x			
152	192.491	Rectifier Monitoring (**6 per yr/2½ months**) .465(b) **Weyerhaeuser measures cp on every anode in anode bed, this provides insite into the health of the anode bed. Reviewed Cathodic Protection Rectifier Annode Measurement. This is above and beyond code and in code called other impressed current power source. Also reviewed the cathodic protection rectifier inspection report and it is done monthly rather than by monthly.**	x			
153	192.491	Interference Bond Monitoring – Critical (**6 per yr/2½ months**) .465(c) **None**			x	
154	192.491	Interference Bond Monitoring – Non-critical (**1 per yr/15 months**) .465(c) **None**			x	
155	192.491	Prompt Remedial Actions .465(d)			x	
156	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (**1 per 3 cal yr/39 months**) .465(e) **None**	x			
157	192.491	Electrical Isolation (**Including Casings**) .467	x			

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		CORROSION CONTROL RECORDS	S	U	N/A	N/C
158	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d) **Nothing needed remedial action but there are procedures**	x			
159	480-93-110(3)	CP Test Equipment and Instruments checked for Accuracy/Intervals (Mfct Rec or Opr Sched) **Reviewed Premiers calibration. Weyerhaeuser has calibration documentation.**	x			
160	480-93-110(5)	Casings inspected/tested annually not to exceed fifteen months **Reviewed 2009 and 2010 Cathodic Protection Survey test stations (34 of them). The O&M does have the difference between pipe and casing to determine if there is a short. Short is defined as less than 100mv difference O&M Section 4.5.2 (a)**	x			
161	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods **none**	x			
162	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days **none**	x			
163	480-93-110(5)(c)	Casing shorts cleared when practical **none**	x			
164	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months **none**	x			
165	192.491	Interference Currents .473 **none**	x			
166	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) **none**	x			
167	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b) **none**	x			
168	192.491	Internal Corrosion; New system design; Evaluation of impact of configuration changes to existing systems .476(d) **none**	x			
169	192.491	Internal Corrosion Control Coupon Monitoring (**2 per yr/7½ months**) .477 **No corrosive gas transported but while doing hydro test they did inspect the inside of the pipe and it was good,** reviewed picture	x			
170	192.491	Atmospheric Corrosion Control Monitoring (**1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore**) .481 **Last done 12-5 to 12-27-2008, reviewed atmospheric corrosion inspection for all 9 above ground facilities**	x			
171	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/.485 none	x			

Comments:

		PIPELINE INSPECTION (Field)	S	U	N/A	N/C
172	192.161	Supports and anchors	x			
173	192.179	Valve Protection from Tampering or Damage	x			
174	480-93-015(1)	Odorization levels	x			
175	192.463	Levels of Cathodic Protection	x			
176	192.465	Rectifiers	x			
177	192.467	CP - Electrical Isolation	x			
178	192.469	Test Stations (Sufficient Number)	x			
179	192.479	Pipeline Components Exposed to the Atmosphere	x			
180	192.481	Atmospheric Corrosion - monitoring	x			

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		PIPELINE INSPECTION (Field)	S	U	N/A	N/C
181	480-93-115(2)	Casings – Test Leads (Casings w/o vents installed after 9/05/1992)	x			
182	192.605	Knowledge of Operating Personnel	x			
183	613(b), .703	Pipeline condition, unsatisfactory conditions, hazards, etc.	x			
184	480-93-124	Pipeline Markers	x			
185	192.719	Pre-pressure Tested Pipe (**Markings and Inventory**)	x			
186	192.739	Pressure Limiting and Regulating Devices (**Mechanical**)	x			
187	192.743	Pressure Limiting and Regulating Devices (**Capacities**)	x			
188	192.751	Warning Signs	x			
189	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
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: