

**Utilities and Transportation Commission
Standard Inspection Report for Intrastate Gas Distribution Systems
Records Review and Field Inspection**

A completed **Standard Inspection Checklist, OQ Field Validation Protocol form and Cover Letter/Field Report** are to be submitted to the Senior Engineer within **30 days** from completion of the inspection.

Inspection Report			
Docket Number	090003		
Inspector Name & Submit Date	Stephanie Zuehlke 12.21.09		
Sr. Eng Name & Review/Date	David Lykken 12.22.09		
Operator Information			
Name of Operator:	Cascade Natural Gas.	OP ID #:	31522
Name of Unit(s):	Kitsap County		
Records Location:	6313 Kitsap Way, Bremerton		
Date(s) of Last (unit) Inspection:	October 9-12, 2006	Inspection Date(s):	Nov. 2-5, 9, & 10, 2009.

Inspection Summary:

Inspection includes Transmission and Distr. in Kitsap County and includes the following Cities:

- Poulsbo
- Key Port (NE of Silverdale)
- Silverdale
- Bremerton
- Gorst
- Sunnyslope
- Port Orchard
- Manchester
- Chico

Transmission originates in Shelton – Mason County
Odorizer location for Kitsap County is in Shelton, Mason County

The Kitsap Division is also responsible for the City of Belfair in Mason County but it is not part of this inspection.

Provided Keith with PHMSA Coupling Notification – printed from Federal Register. Keith identified that he had not yet reviewed or incorporated to date.

HQ Address:	System/Unit Name & Address:		
Washington Corporate Facility Address: Cascade Natural Gas 222 Fairview Ave N Seattle, WA 98109	Bremerton District 6313 Kitsap Way Bremerton, WA 98312		
Co. Official: Eldon N. Book	Phone No.:	360.373.1405	
Phone No.: 208.377.6088	Fax No.:	360.620.5747	
Fax No.: 208.377.6097	Emergency Phone No.:	888.522.1130	
Emergency Phone No.: 888.522.1130			
Persons Interviewed	Title	Phone No.	
Keith Meissner	Regulatory Compliance Mgr	206.381.6734	
Russ Iverson	General Manager, Kitsap District Operations	360.373.1405	

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WUTC staff conducted an 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)			
<input type="checkbox"/>	Team inspection was performed (Within the past five years.) or,	Date:	
x	Other WUTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.)	Date:	Jan. 22-25, 2007

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GAS SYSTEM OPERATIONS

Gas Supplier		Williams	
Services: Kitsap County Residential 28309 Commercial 2531 Industrial 2 Other CNG only has 3 classes so no Other.			
Number of reportable safety related conditions last year 0		Number of deferred leaks in system 1 - Grade 3 (3 yrs old in Sec. 1 so survey 1/yr.)	
Number of <u>non-reportable</u> safety related conditions last year 0		Number of third party hits last year 34 excavation	
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas) 18 Miles Total; Zero Miles Class 3 Zero Miles Class 4.		Miles of main within inspection unit (total miles and miles in class 3 & 4 areas) Within Kitsap County – 1029 Distribution Miles; 600 Miles Class 3; Zero Miles Class 4.	
Operating Pressure(s):		MAOP (Within last year)	Actual Operating Pressure (At time of Inspection)
Feeder:	Kitsap Line (Shelton)	499	455-465
Town:			
Other:			
Does the operator have any transmission pipelines?		Yes	
Compressor stations? Use Attachment 1.		Not in Kitsap County	

Pipe Specifications:

Year Installed (Range)	1953-2009	Pipe Diameters (Range)	¾"-12" WSC ½"-4" PE
Material Type	WSC & PE	Line Pipe Specification Used	API 5L & ASTM 2513
Mileage	596 mi WSC & 451 mi PE	SMYS %	24.9 % SMYS

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**

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:** Per Dave: Not part of this inspection.

REPORTING RECORDS

		S	U	N/A	N/C
1.	49 U.S.C. 60132, Subsection (b) AOC		x		
<p>For Gas Transmission Pipelines and LNG Plants. 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. <u>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.</u> Include operator contact information with all updates. No modifications since last submission. Mapping department may do this – Keith is checking. November 2007 was last communication.</p>					

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REPORTING RECORDS			S	U	N/A	N/C
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? No modification since last submittal.	x			
3.	191.5	Any incidents requiring telephonic reporting to the NRC (800-424-8802) One incident - Arnold's Furniture Store, 3506 Kitsap Way, Bremerton .	x			
4.	191.15	Written reports; supplemental reports to PHMSA (Form F7100.2) No supplemental reports.	x			
5.	191.23	Filing the Safety Related Condition Report within 5 days of determination, but not later than 10 days after discovery None	x			
6.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports None	x			
7.	480-93-200(1)	Telephonic Reports to UTC Pipeline Safety Incident Notification 1-888-321-9146 (Within 2 hours) for events which results in;				
8.	480-93-200(1)(a)	A fatality or personal injury requiring hospitalization; None	x			
9.	480-93-200(1)(b)	Damage to property of the operator and others of a combined total exceeding fifty thousand dollars; A single event: Gas blowing >2 hrs. & unintentional ignition at 3506 Kitsap Way, Arnold's Furniture Store. (Also reported in #3 above.)	x			
10.	480-93-200(1)(c)	The evacuation of a building, or high occupancy structures or areas; 1 in 2008-09	x			
11.	480-93-200(1)(d)	The unintentional ignition of gas; 1- see # 9 above.	x			
12.	480-93-200(1)(e)	The unscheduled interruption of service furnished by any operator to twenty five or more distribution customers; 0	x			
13.	480-93-200(1)(f)	A pipeline pressure exceeding the MAOP plus ten percent or the maximum pressure allowed by proximity considerations outlined in WAC 480-93-020; 1 in 2008 – Silverdale R-64 with an MAOP=250 inlet and outlet MAOP 60 psi. Russ is providing information on one incident exceeding 60 psi MAOP. Reported to Kuang Chu in August 2008. Russ identified that the pilot a Fisher 399 was found to have a hair-line crack. Repair completed on 08.04.08.	x			
14.	480-93-200(1)(g)	Is significant, in the judgment of the operator, even though it does not meet the criteria of (a) through (f) of this subsection; None	x			
15.	480-93-200(2)	Telephonic Reports to UTC Pipeline Safety Incident Notification 1-888-321-9146 (Within 24 hours) for;				
16.	480-93-200(2)(a)	The uncontrolled release of gas for more than two hours; Keith does not have anything listed.	x			
17.	480-93-200(2)(b)	The taking of a high pressure supply or transmission pipeline or a major distribution supply gas pipeline out of service; Keith does not have anything listed and identified the last occurrence of this nature was 2006 or 2007 due to Taylor Bridge, Chico flooding issue.	x			
18.	480-93-200(2)(c)	A gas pipeline operating at low pressure dropping below the safe operating conditions of attached appliances and gas equipment; or Keith does not have anything listed	x			
19.	480-93-200(2)(d)	A gas pipeline pressure exceeding the MAOP Documentation for R-64 identified in #13 above.	x			
20.	480-93-200(4)	Did written incident reports (within 30 days of telephonic notice) include the following				
21.	480-93-200(4)(a)	Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged; None. Keith does not have anything listed.	x			
22.	480-93-200(4)(b)	The extent of injuries and damage; No injuries but damage amounts are reported	x			
23.	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;	x			
24.	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;	x			
25.	480-93-200(4)(e)	The date and time the gas pipeline company was first notified of the incident;	x			
26.	480-93-200(4)(f)	The date and time the ((operators')) gas pipeline company's first responders arrived on-site;	x			
27.	480-93-200(4)(g)	The date and time the gas ((facility)) pipeline was made safe;	x			

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28.	480-93-200(4)(h)	The date, time, and type of any temporary or permanent repair that was made;	x			
29.	480-93-200(4)(i)	The cost of the incident to the ((operator)) gas pipeline company;	x			
30.	480-93-200(4)(j)	Line type;	x			
31.	480-93-200(4)(k)	City and county of incident; and	x			
32.	480-93-200(4)(l)	Any other information deemed necessary by the commission.	x			
33.	480-93-200(5)	Supplemental report if required information becomes available after 30 day report submitted	x			
34.	480-93-200(6)	Written report within 5 days of receiving the failure analysis of any incident or hazardous condition due to construction defects or material failure Any failure analysis reports? Nothing in Kitsap County per Keith.	x			
35.	480-93-200(7)	Annual Reports filed with the commission no later than March 15 for the proceeding calendar year				
36.	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 Identified in 090002 Whatcom County Inspection as submitted late – Corp issue.	x			
37.	480-93-200(7)(b)	Damage Prevention Statistics Report including the following; Identified in 090002 Whatcom County Inspection as submitted late – Corp issue.	x			
38.	480-93-200(7)(b)(i)	Number of gas-related one-call locate requests completed in the field; Kitsap County – Included in 2008 annual report supplied to Commission – Keith did not have during insp. 2009 = 3197 to date 11.03.09	x			
39.	480-93-200(7)(b)(ii)	Number of third-party damages incurred; and for 2008 = 34	x			
40.	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. Included in 2008 annual report and submitting in 2009 annual report so I moved on.	x			
41.	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. Identified in 090002 Whatcom County Inspection as submitted late. – Corp issue.	x			
42.	480-93-200(8)	Providing updated emergency contact information to the commission and appropriate officials of all municipalities where gas pipeline companies have facilities The last information sent to commission was provided in February 2009. See #44 below.	x			
43.	480-93-200(9)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m.	x			
44.	480-93-200(10)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required Identified in 090002 Whatcom County Inspection as submitted with error for 2008 – Corp issue. CNG noted there was an error. Keith identified that they updated us in February of 2009 and that they can only update on a periodic basis – otherwise it would cause a lot of confusion. Provided a copy of their January 2009 call list. In Folder.	x			

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Comments:

CUSTOMER and EXCESS FLOW VALVE INSTALLATION NOTIFICATION			S	U	N/A	N/C
45.	192.16	Customer notification - Customers notified, within 90 days , of their responsibility for those service lines not maintained by the operator. Is there anything local about notification or is this corporate message? This is corporate nothing formal done in district. Russ identified that they answer questions and identify as necessary – he also mentioned that they assist customers with small jobs when able.	x			
46.	192.381	Does the excess flow valve meet the performance standards prescribed under §192.381?	x			
47.	192.383	Does the operator have a voluntary installation program for excess flow valves and does the program meet the requirements outlined in §192.383? Are records adequate? Mandatory. Recorded on svc card and in computer customer data base.	x			
48.	192.383	If no voluntary program for EFV installations, are customers notified in accordance with §192.383? Are records adequate? none	x			

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CONSTRUCTION RECORDS	S	U	N/A	N/C

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CONSTRUCTION RECORDS			S	U	N/A	N/C
49.	480-93-013	<p>OQ records for personnel performing New Construction covered tasks Providing OQ for 2008-2009 for 7 employees. 17 Total employees but only 7 are involved in new construction. Did not provide. However, CNG did not provide welding OQ record for McCabe but staff did receive copy of McCabe welding permit w/expiration 02.20.10. This permit does not identify that McCabe is certified to visually inspect welds. Also provided were McCabe fusion permit for heater plate and electrofusion w/expiration 08.24.10. McCabe cert. info was not provided to Staff during inspection. Keith provided OQ data post inspection 11.12.09. There are 2 welders this district – only Klineburger (2000DOT-Visual Inspection of Production Welds – 10826 Written exam expiration 10.02.10) certified to do visual inspection according to documentation provided. Records provided indicate that McCabe required to have Klineburger inspect his welds. In contrast to the records provided, CP 760.09 identifies that each welder must visually inspect their own weld. With this documentation provided post inspection, staff was unable to review welding work completed by McCabe to ensure that McCabe visual inspection was completed by Klineburger. McCabe documents incomplete. Provided in email after inspection completed -11.12.09 Employees OQ records provided: 1. Paul Cogdill 2. Sheri Gitthens 3. Morgan Gray 4. Clint Hoffman 5. Lloyd Klineburger 6. Kendall Youngblood 7. Incomplete OQ records Provided for Douglas McCabe – records issue.</p>		x		
50.	192.225	Test Results to Qualify Welding Procedures copies retained in central office and Yakima testing/fabrication shop as backup. No procedures have changed since 2008 – reviewed welding procedures during Aberdeen inspection.	x			
51.	192.227	Welder Qualification 2 welders in Kitsap. Lloyd Klineburger and Kent McCabe. OQ copies of requal cards in folder.	x			
52.	480-93-080(1)(b)	Appendix C Welders re-qualified 2/Yr (7.5Months) None	x			
53.	480-93-080(2)	Plastic pipe joiners re-qualified 1/Yr (15 Months) Test every 6 months – copies of qual records for Klineburger and McCabe in folder.	x			
54.	480-93-080(2)(b)	Plastic pipe joiners re-qualified if no production joints made during any 12 month period) no track prod. jts	x			
55.	480-93-080(2)(c)	Tracking Production Joints or Re-qualify joiners 1/Yr (12Months) no track prod. jts	x			
56.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992 None installed after this date.	x			
57.	480-93-115(3)	Sealing ends of casings or conduits on transmission lines and mains	x			
58.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services Included in CP's – CNG does not track these separately.	x			
59.	192.241(a) PV under ProceduresWAC 180	<p>Visual Weld Inspector Training/Experience Visual inspection of welding must be conducted by an individual qualified by appropriate training and experience. Will provide on OQ list for employees. Keith provided OQ data post inspection 11.12.09 There are 2 welders this district – only Klineburger (2000DOT-Visual Inspection of Production Welds – 10826 Written exam expiration 10.02.10) certified to do visual inspection according to documentation provided. No OQ records provided for McCabe as requested. Records provided indicate that McCabe required to have Klineburger inspect his welds. In contrast to the records provided, CP 760.09 identifies that each welder must visually inspect their own weld.</p>		x		
60.	192.243(b)(2)	Nondestructive Technician Qualification None	x			

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CONSTRUCTION RECORDS			S	U	N/A	N/C
61.	192.243(c)	NDT procedures In Welding Procedures. Performance API 1104 Std. (c) Procedures must be established for the proper interpretation of each nondestructive test of a weld to ensure the acceptability of the weld under §192.241(c). CP 760.091 and CP 760.103(c)	x			
62.	192.243(f)	Total Number of Girth Welds (c) Procedures must be established for the proper interpretation of each nondestructive test of a weld to ensure the acceptability of the weld under §192.241(c). Keith verified that Procedures include reference to 192.241(c). Okay	x			
63.	192.243(f)	Number of Welds Inspected by NDT None in 2008-2009	x			
64.	192.243(f)	Number of Welds Rejected None in 2008-2009	x			
65.	192.243(f)	Disposition of each Weld Rejected None	x			
66.	192.303	Construction Specifications No transmission installed 2008-2009.	x			
67.	192.325	Underground Clearance 12" CP 605.022 this reqmt. repeated in 609.03(b) No installation of transmission within the last two years.	x			
68.	192.327	Amount, location, cover of each size of pipe installed remains unchanged since last inspection no procedure changes.	x			
69.	480-93-160(1)	Report filed 45 days prior to construction or replacement of transmission pipelines ≥ 100 feet in length None	x			
70.	480-93-160(2)	Did report describe the proposed route and the specifications for the pipeline and must include, but is not limited to the following items: None	x			
71.	480-93-160(2)(a)	Description and purpose of the proposed pipeline; None	x			
72.	480-93-160(2)(b)	Route map showing the type of construction to be used throughout the length of the line, and delineation of class location as defined in 49 CFR Part 192.5, and incorporated boundaries along the route. None in 2008-2009	x			
73.	480-93-160(2)(c)	Location and specification of principal valves, regulators, and other auxiliary equipment to be installed as a part of the pipeline system to be constructed None	x			
74.	480-93-160(2)(d)	MAOP for the gas pipeline being constructed; None	x			
75.	480-93-160(2)(e)	Location and construction details of all river crossings or other unusual construction requirements encountered en route. None	x			
76.	480-93-160(2)(f)	Proposed corrosion control program to be followed inc specs for coating and wrapping, and method to ensure the integrity of the coating using holiday detection equipment; None in 2008-2009	x			
77.	480-93-160(2)(g)	Welding specifications; and None	x			
78.	480-93-160(2)(h)	Bending procedures to be followed if needed. None	x			
79.	480-93-170(1)	Commission notified 2 day's prior to pressure testing pipelines with an MAOP producing a hoop stress ≥ 20% SMYS ? No installations, changes, no uprates 2008-2009.	x			

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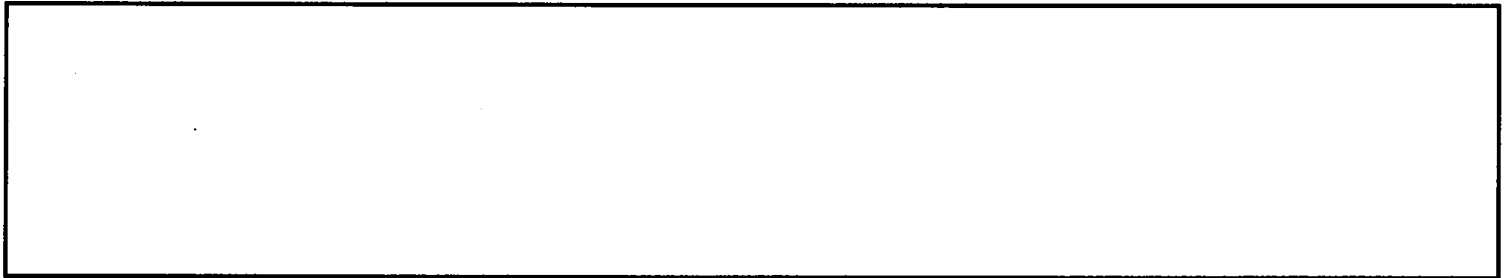
CONSTRUCTION RECORDS			S	U	N/A	N/C
80.	480-93-170(7)	<p>Pressure tests records at a minimum include required information listed under 480-93-170(a-h) Requested records for the following:</p> <ol style="list-style-type: none"> 1. 3737 Arsenal Way., Bremerton 2. 8430 Barney White Rd. 3. 5715 Sunnyslope. 4. 4650 Werner Rd. 5. 11th St. – The Dunes Motel <p>Requested construction records for above.</p> <p>Reviewed pressure test records for 1455 Lumsden Rd., Port Orchard - okay also reviewed calibration of gauge used – records okay & in file Reviewed pressure test records for 4245 Swift Ave. SW, Port Orchard – reviewed calibration of gauge used – records okay & in file – This is contractor Snelson and they are responsible for meeting calibration requirements of CNG. Requested that he contact Snelson and identify for me how the Supt of Snelson crew Roger Kindle completes the required calibration. Also reviewed install records for 6566 Wellington Ln NE, Bremerton; 7406 Varsity Ln, Bremerton; 6746 Takota Pl NE, Bremerton.</p> <p>Also have calibration records for all under #115. Requested calibration process from Snelson. Reviewed several main jobs for @ 2008 and 2009– All mapped on grid and in CAD. Reviewed several services installed for 2008 and 2009 – All mapped on grid and in CAD. Request 2 svc for @ 2008 and 2009 in PE and Stl</p>	x			
81.	480-93-170(9)	Individual pressure test records maintained for single installations where multiple pressure tests were performed?	x			
82.	480-93-170(10)	Pressure Testing Equipment checked for accuracy/intervals (Manufacturers Rec or Operators schedule) Annual calibration completed by Meter inspector from Mr. Vernon. Two copies of calibration records in file under #80 above. Retired gauges are removed from work site and junked.	x			
83.	480-93-175(2)	Study prepared and approved prior to moving and lowering of metallic pipelines > 60 psig None in 2008 or 2009.	x			
84.	480-93-175(4)	Leak survey within 30 days of moving or lowering pipelines ≤ 60 psig None in 2008 or 2009.	x			

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OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
85.	192.517(a)	Pressure Testing (operates at or above 100 psig) – useful life of pipeline Records in file	x			
86.	192.517(b)	Pressure Testing (operates below 100 psig, service lines, plastic lines) – 5 years Records in file	x			
87.	192.605(a)	Procedural Manual Review – Operations and Maintenance (1 per yr/15 months) Completed April 2009 and next update schedule shooting for January 2010	x			
88.	192.605(b)(3) PV under WAC 018	Availability of construction records, maps, operating history to operating personnel All maps updated and CAD updated – records easily located. After-hours assistance is provided out of Boise Dispatch. Checked maps in Trucks during OQ. Info documented in notebook – Truck maps utilized during OQ leak survey were dated May 2007 – up-to-date-equipment/tools not provided to crews. Russ identified that new maps would be provided to everyone. No date was provided for update frequency.		x		
89.	480-93-018(3)	Records, including maps and drawings updated within 6 months of completion of construction activity? Reviewed multiple records for both main and services – all up to date except truck maps. Reviewed 2008 and 2009. See #88 above.	x			
90.	192.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures During construction inspections, records review, Russ providing crew inspection reports: CNG provides contractor with Construction manual they must distribute – So Russ suggested checking contractor crews manuals. Mentioned that several of their forms identified welding satisfactory but did not include complete information – Russ mentioned that they will be receiving an update in how to fill out form completely. I believe it is just that they are used to seeing and forgot to write it down.	x			
91.	192.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures Review response to emergencies. Reviewed documentation of debriefing of AOC during safety meetings Meeting are held once per month.	x			
92.	192.609	Class Location Study (If applicable) None in this district.	x			
93.	192.614	Damage Prevention (Miscellaneous) Pipeline Association of Public Awareness – is a coop group and they send a mailer on behalf of CNG. List and info reviewed and approved by CNG. The excavators are identified by SIC Code. PLAPA lists 1151 excavators for Kitsap Co. – CNG includes additional. CNG mails those that dig in special and personal mailing on digging safety when send billing. Periodically send separate mailing to those that dig in as a reminder this list activated by Keith. Last personal mailing occurred in 2008.	x			

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94.	192.603(b) PV under WAC 186 & 187				
<p>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 Reviewed 2008 & 2009 3rd Party damage reports. Leak damage report forms were revised in late 2008 but some hold-outs using old forms yet. Keith implemented new forms and sent memo out to Districts. Longest response time observed in 2008 forms reviewed 1 hr. 15 min. – normally response was in minutes. For 2008:</p> <ol style="list-style-type: none"> 1. Incident 6790 for Reite Estates – East side Harris Rd., Port Orchard – <u>No instrument listed.</u> 2. Incident 6813 21 Romance Hill, Belfair, in Mason County <u>Outside this inspection. No duration of test on pipe.</u> <p>For 2009:</p> <ol style="list-style-type: none"> 1. Incident 164944 for 13550 ridgeline – <u>No follow-up leak survey documentation zeroing out gas at bar holes.</u> 2. Incident 166028 for 4800 Lebers Ln. – Service retirement due to 3rd party damage. Requested repair documentation to determine whether cap installed at building wall and did not install cap at building wall. Copy in folder [(3) The customer's piping must be physically disconnected from the gas supply and the open pipe ends sealed. Per 192.727(d).] GM stated this service foamed to seal. Foam is considered an incidental on trucks and not tracked when used – present system does not provide verification that ends have been foamed/sealed. 			x		
95.	192.615(b)(1)			x	
<p>Location Specific Emergency Plan Russ provided copy of Emergency Shut Down Procedure copy is 2009. This is the single copy for this District. Updated by Engineering. Reviewed annually. CP's state that only one copy provided also. Already written up on Tri-Cities & Aberdeen inspections.</p>					
96.	192.615(b)(2)	x			
<p>Emergency Procedure training, verify effectiveness of training Keith states that this done during safety meeting but also in review of forms completed by employees in supervisory review of training effectiveness. Safety Meeting Report 08.19.09 includes info on R73 hit by car leak form/mapping/up to date procedures in vehicles. Emergency plan ICS training and use of Emergency Shut Down manual dated 01.21.09.</p>					
97.	192.615(b)(3)	x			
<p>Employee Emergency activity review, determine if procedures were followed. Review Substructure Damage/Leak Report forms by GM and incident debriefing in safety meetings of larger incidents. Safety Meeting Report 08.19.09 includes info on R73 hit by car leak form/mapping/up to date procedures in vehicles. Also incident in 01.21.09 safety meeting minutes.</p>					
98.	192.615(c) AOC		x		
<p>Liaison Program with Public Officials Each operator shall establish and maintain liaison with appropriate fire, police, and other public officials to:</p> <ol style="list-style-type: none"> (1) Learn the responsibility and resources of each government organization that may respond to a gas pipeline emergency; (2) Acquaint the officials with the operator's ability in responding to a gas pipeline emergency; (3) Identify the types of gas pipeline emergencies of which the operator notifies the officials; and, (4) Plan how the operator and officials can engage in mutual assistance to minimize hazards to life or property. Russ interfaces with underground utility members at the Kitsap Utility Coordinating Council w/damage prevention and dig law as primary focus. They hold monthly meetings attended 8 times in 2008 and 6 times in 2009. Participated in a mock drill with Kitsap County responders in 2008. Documentation in file. 2006 was last time did County participation. Otherwise, no contact with any identified frequency. Public information officer contact once monthly the Kitsap PIO notifies CNG of Rapid assessment classes for example (mock drill) . Draft excersize conducted on 09.08.09 – Emergency Operations Center – Police, Fire, etc. 					

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OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
99.	192.616	Public Awareness Program				
100.	192.616(e&f) PV	Documentation properly and adequately reflects implementation of operator's Public Awareness Program requirements - Stakeholder Audience identification, message type and content, delivery method and frequency, supplemental enhancements, program evaluations, etc. (i.e. contact or mailing rosters, postage receipts, return receipts, audience contact documentation, etc. for emergency responder, public officials, school superintendents, program evaluations, etc.). See table below: No records provided.		x		
101.		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. No records provided.				
102.		API RP 1162 Baseline* Recommended Message Deliveries <u>No records provided for all PA. Did not bring any info. Keith stated he knows what was requested in Bellingham and is still working on Bellingham.</u>				
103.		Stakeholder Audience (LDC's)	Baseline Message Frequency (starting from effective date of Plan)			
		Residence Along Local Distribution System	Annual No records provided. Keith: it's CP 500 Don't memorize – it's in the program. Languages: Newspaper advertisement in English. Bi-lingual bill stuffers same as what provided Whatcom – did not bring any info with – it's company program not district program – no difference in . Keith has newspaper ad info for Kitsap in central office and stated message is the same just column inch difference.			
		LDC Customers	Twice annually No records provided			
		One-Call Centers	As required of One-Call Center No records provided			
		Emergency Officials	Annual No records provided			
		Public Officials	3 years No records provided			
		Excavator and Contractors	Annual No records provided			
		Stakeholder Audience (Transmission line operators)	Baseline Message Frequency (starting from effective date of Plan)			
		Residence Along Local Distribution System	2 years No records provided			
		One-Call Centers	As required of One-Call Center No records provided			
		Emergency Officials	Annual No records provided			
		Public Officials	3 years No records provided			
		Excavator and Contractors	Annual No records provided			
		104.		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.		
105.	192.616(g) PV	The program conducted in English and any other languages commonly understood by a significant number of the population in the operator's area. No records provided.		x		

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106.	192.616(j)	Operators of a Master Meter or petroleum gas system – public awareness messages 2 times annually: (1) A description of the purpose and reliability of the pipeline; (2) An overview of the hazards of the pipeline and prevention measures used; (3) Information about damage prevention; (4) How to recognize and respond to a leak; and (5) How to get additional information. Jackson Park Housing – CNG has main meter and inside meters belong to EGB (maintenance contractor for government) Key Port and Bangor: Documentation in folder details the MM facilities in CNG Kitsap. This is MM responsibility not CNG.	x			
107.	192.617	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) None applicable in 2008 or 2008.	x			
108.	192.619/621/623	Maximum Allowable Operating Pressure (MAOP) Note: New PA-11 design criteria is incorporated into 192.121 & .123 (Final Rule Pub. 12/24/08) CNG does not utilize this material.	x			
109.	480-93-015(1)	Odorization of Gas – Concentrations adequate In March of 2009 CNG moved test locations to the ends of main to obtain reads. (effect from previous audits) Keith recommended that locations be addressed and that the Districts review their sniff test locations. Each identified sniff test location is checked quarterly – and each City is completed once per month. Each city has three different sniff test locations. Ten Towns on one odorizer. Odorizer located in Shelton. 2008 and 2009 sniff test date visits for the location are in folder. Reviewed February Bremerton sniff tests for 2009 and 2008 and March for 2008. Reviewed Bremerton map for sniff test locations for 2009. Based upon the sniff tests reviewed, it appears that they odorant levels run very evenly. Appears that checking the extents of the system. Even though no engineering analysis appears locations chosen are at the extremities.	x			
110.	480-93-015(2)	Monthly Odorant Sniff Testing Reviewed 2008 and 2009 monthly records. See above for details.	x			
111.	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements. Contact Steve (Aberdeen) re: this area's odorizer and then contact measurement for assistance to resolve. No procedure than to take action described above – not in their emergency plan.	x			
112.	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) CNG began including sniff test equip numbers on sniff tests beginning Jan 2009. Calibrate annually. Copy of calib. Records in folder for 2008. Odorator went down end of Sept and returned approx mid October. No sniff tests missed. Reviewed reads for Sept before repair and Oct after repair and reads looked okay – does not seem to be a problem with reads prior to repair.	x			
113.	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? 1/yr(15 months) Reviewing quarterly patrols. Removing damaged old markers when install new marker. Reviewed multiple transmission line walks which identified markers. 2009 3 rd quarter quarterly report 4 times per year not to exceed 4-1/2 months. 3 rd quarter completing is due in approx 2 weeks for 2009. Markers found damaged during pre-field - Russ providing 2009 3 rd quarter leak survey on Glen Flora area for marker replacement notes. No 45-day tracking/documentation that damaged/missing markers have been replaced. Sec #114.	x			

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114.	480-93-124(4) PV	Markers reported missing or damaged replaced within 45 days ? Notified CNG of marker issues as follows: 1. Kitsap Transmission V-31 w/vault No. of Lake Flora Rd. Damage marker per above drawing Trans xing Sunny Slope N. of Lake Flora Rd. Missing marker 2. Old Clifton Rd. E. of Sunnyslope 3. Reg Sta R-09 Damaged Sign N. Side of Road This division doesn't track missing or damaged/replaced markers. Russ identified that they will begin tracking markers to demonstrate that they have replace markers.		x		
115.	480-93-140(2)	Service regulators and associated safety devices tested during initial turn-on Reviewed: 2604 E. 9 th St, Bremerton – Service request form 11.04.09 1580 Nordic Pl NE, Poulsbo 11.24.08 1800 Mile Hill Dr. #6, Port Orchard 11.24.09 1800 Mile Hill Dr. #3, Port Orchard dated 11.24.09 4245 Swift Ave. SW, Port Orchard dated 11.24.09	x			
116.	480-93-155(1)	Up-rating of system MAOP to >60 psig ? Procedures and specifications submitted 45 days prior? No uprates in 2008 or 2009. Uprate procedures are available in manual.	x			
117.	480-93-185(1) PV	Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained? Crews in the field do not grade their own leaks according to Russ. Crews in the field do not determine hazard/grade of the leak. Russ grades or another supervisor grades leaks.		x		
118.	480-93-185(3)(a)	Leaks originating from a foreign source. Take appropriate action to protect life and property regarding the pipeline company's own facilities, and; Unknown number of foreign leaks. No number of these tracked but if issue call center sends letter if no adult to confer with.	x			
119.	480-93-185(3)(b)	Leaks originating from a foreign source reported promptly/notification by mail. Records retained? Wendy providing next week since network down. No signature but letter was sent. If no adult signature then triggers call center to forward letter.	x			
120.	480-93-186(3) PV	Leak evaluations: Are follow-up inspections performed within 30 days of a leak repair? No – copies of 2008 & 2009 leaks with no follow-up in folder under #122 below. No follow-up inspection for residual gas was conducted for: 315 Bryan Ave., Bremerton 06.22.09 13550 Ridgelane Dr. NW, Silverdale 06.12.09		x		
121.	480-93-186(4)	Leak evaluations: Grade 1 and 2 leaks (if any), downgraded once to a grade 3 without physical repair?	x			

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122.	480-93-187 PV	<p>Gas leak records: at a minimum include required information listed under 480-93-187(1-13)</p> <p>(1) Date and time the leak was detected, investigated, reported, and repaired, and the name of the person conducting the investigation;</p> <p>(2) Location of the leak (sufficiently described to allow ready location by other qualified personnel);</p> <p>(3) Leak grade;</p> <p>(4) Pipeline classification (e.g., distribution, transmission, service);</p> <p>(5) If reported by an outside party, the name and address of the reporting party;</p> <p>(6) Component that leaked (e.g., pipe, tee, flange, valve);</p> <p>(7) Size and material that leaked (e.g., steel, plastic, cast iron);</p> <p>(8) Pipe condition;</p> <p>(9) Type of repair;</p> <p>(10) Leak cause;</p> <p>(11) Date pipe installed (if known);</p> <p>(12) Magnitude and location of CGI readings left; and</p> <p>(13) Unique identification numbers (such as serial numbers) of leak detection equipment.</p> <p>2008 and 2009 copies leak records in folder – various issues. Keith requested that I specify the individual records in my report so they can research them. Missing serial number of leak detection equip. for: 315 Bryan Ave., Bremerton 06.22.09 6790 Harris Rd., Port Orchard 11.19.08 2516 11th St., Bremerton 02.12.08</p> <p>No label on % reads – substructure forms in folder. Also identified as issue in Whatcom County under 090002.</p>		x		
123.	480-93-188(1) PV	<p>Gas leak surveys (1) Each gas pipeline company must perform gas leak surveys using a gas detection instrument covering the following areas and circumstances:</p> <p>(a) Over all mains, services, and transmission lines including the testing of the atmosphere near other utility (gas, electric, telephone, sewer, or water) boxes or manholes, and other underground structures;</p> <p>(b) Through cracks in paving and sidewalks;</p> <p>(c) On all above ground piping (may be checked with either a gas detection instrument or with a soap solution);</p> <p>(d) Where a gas service line exists, the gas pipeline company must conduct a leak survey at the building wall at the point of entrance, using a bar hole if necessary; and</p> <p>Review leak survey records: Bremerton Line 3 surveyed in 2008 08.04.08 & 09.15/17.09 Maps for both of these do not have any offset measurements with which to locate main. Neither does HP Line #9 Bangor Line @ 250 psig.</p> <p>Leak survey records lack sufficient documentation to demonstrate that leak surveys occurred over the pipeline and services. Leak survey maps provide a general indication of mains and services. They are shown as a line on the maps and do not contain information to identify the specific location of the mains and services.</p> <p>In 2008 CNG neglected to leak survey a gas main located in Section 1, Bremerton - Hwy 303 and McWilliams in Silverdale. CNG documentation shows that this area was surveyed in both 2007 and 2009.</p>		x		
124.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) Okay	x			
125.	480-93-188(3)	Leak survey frequency (Refer to Table Below)	x			

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	Business Districts (implement by 6/02/07) Frequency appear to be okay.	1/yr (15 months) Found map missing in Gorst for Grid 4-F in 2008 leak survey that was surveyed in 2007 and 2009. Turns out that this section was not required to be part of the annual leak survey since outside business districts. Last BD survey completed for Bremerton Section 1 was 09.04.08 with 15 months due on 12.04.09 – they are working on now. Maps do not have measurements etc. with which to locate main/services. Waiting for Copies to put in folder.				
	High Occupancy Structures	1/yr (15 months) Servicemen make the call as to whether qualifies as an HO Structure at the time of meter set. They carry copy of Definition (their CP above) on dash of service van. Reports are prepared on a monthly basis for HO surveys to be completed that month.				
	Pipelines Operating ≥ 250 psig Also have a copy of the Bremerton District HP Line MAOP Shutdown section listing.	1/yr (15 months) Bremerton Line 3 surveyed in 2008 08.04.08 & 09.15/17.09 Maps lack sufficient documentation with which to locate main. Port Orchard HP line #4 2008-08.01.08/09.28.09 @ 250psig. Belfair lateral Line #5 – 08.01.08/09.28.09 @ 499psig Bremerton HP Line #3 – 08.04.08 – nothing for 2009 yet : time okay yet @ 250psig Olympic View Line #6 – 08.21.08 – nothing for 2009 yet: time okay yet @ 499psig North Kitsap HP Line #7 – 08.07/08/15/22.08 – nothing for 2009 yet: time okay yet @ 250 psig Bangor Line Line #9 – 08.22.08 @ 250psig – nothing for 2009 yet: time okay yet @ 250psig. Kitsap Penninsula Line #1 – 10.27.08/05.12.09/11.05.09 @ 499 psig Bremerton Line #2 – 10.30.08/04.10.08/05.18.09 @ 499 psig Kitsap Penninsula Line #10 – 04.10.08/10.29.08/05.18.09 @ 499psig Bremerton HP Line #11 – This line operates @ 144 psig. – 08.04.08 not yet walked for 2009 okay time yet. 144 psig.				
	Other Mains: CI, WI, copper, unprotected steel None.	2/yr (7.5 months)				
126.	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs One: special leak survey completed 09.18.09 w/ FI unit 10613. Calibration records reviewed and okay for this – Location identified on map extending W. past 2232 Sedgewick Rd. and E. beyond the intersection of Rasch Rd. SE – survey completed due to County Highway overlay work.	x			
127.	480-93-188(4)(b)	Special leak surveys - areas where substructure construction occurs adjacent to underground gas facilities, and damage could have occurred None	x			
128.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected None	x			
129.	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions None	x			
130.	480-93-188(4)(e)	Special leak surveys - After third-party excavation damage to services, operators must perform a gas leak survey from the point of damage to the service tie-in	x			

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131.	480-93-188(5)	Gas Survey Records (Min 5 yrs) and at a minimum include required information listed under 480-93-188 (5) (a-f) (5) Each gas pipeline company must keep leak survey records for a minimum of five years. At a minimum, survey records must contain the following information: (a) Description of the system and area surveyed (including maps and leak survey logs); (b) Survey results; (c) Survey method; (d) Name of the person who performed the survey; (e) Survey dates; and (f) Instrument tracking or identification number. Reviewed Belfair for 2009 and 2004. Also reviewed Chico 05.14.07 records for 2007. Reviewing R-85 – okay. All items appear to be included.	x			
132.	480-93-188(6) AOC	Leak program – <u>Russ</u> : Self Audits Reviews records completed in the field, file and submit to engineering after review. January mapping records update. <u>Compliance office</u> : reviews surveys that they are done on time – identify trends and performance issues. Keith identified he will provide a report that Sam did back in April. Did not provide. Missed 2 blocks of main in 2008 in Sec. 1 Bremerton. 2007 and 2009 okay. Copies of all maps in folder.		x		
133.	192.709	Patrolling (Transmission Lines) (Refer to Table Below) .705 Patrolling of transmission Line and leak survey of transmission line occur at the same time. Some transmission patrolling done with Distr patrolling but only because near or xing Distr. Area. See 134 for Transmission leak surveys and #125. Kitsap Peninsula Line #10 – 04.10.08/10.29.08/05.18.09 @ 499psig being dropped from bi-annual. Class 3 lines	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) Quarterly patrols & leak survey completed at same time for xings and are identified above.	2/yr (7½ months) None
4	4/yr (4½ months)	4/yr (4½ months)

(1) A Class 1 location is:

- (i) An offshore area; or
- (ii) Any class location unit that has 10 or fewer buildings intended for human occupancy.

(2) A Class 2 location is any class location unit that has more than 10 but fewer than 46 buildings intended for human occupancy.

(3) A Class 3 location is:

- (i) Any class location unit that has 46 or more buildings intended for human occupancy; or
- (ii) An area where the pipeline lies within 100 yards (91 meters) of either a building or a small, well-defined outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by 20 or more persons on at least 5 days a week for 10 weeks in any 12-month period. (The days and weeks need not be consecutive.)

134.	192.709	Leak Surveys (Transmission Lines) (Refer to Table Below) .706 12" considered to be distribution and operates at less than 20% SMYS 8" considered to be transmission and operates at greater than 20% SMYS. Reviewed transmission leak survey for Bremerton – completed twice per year reviewed 2008 and 2008 (1 st 6 months and 2 nd 6 months. Also reviewed Gorst area etc. All appears okay – instruments included on maps instituted in January – all required to include equip on maps. High consequence area reviewed annually – Engineering institutes.	x			
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	Class Location	Required	Not Exceed																		
	1 and 2	1/yr	15 months																		
	3	2/yr	7½ months																		
	4	4/yr	4½ months																		
135.	192.603(b)	Patrolling Business District (4 per yr/4½ months) Reviewed quarterly reports for Bremerton District All Towns. All issues on patrol form have WO listed for repair. Reviewed all of 2008 and 1 st 2 quarterly patrols for 2009. Dates of quarterly patrols are: <table border="0" style="margin-left: 40px;"> <tr> <td></td> <td style="text-align: center;">2008</td> <td style="text-align: center;">2009</td> </tr> <tr> <td>1.</td> <td>02.08.08</td> <td>03.31.09</td> </tr> <tr> <td>2.</td> <td>05.27.08</td> <td>07.13.09</td> </tr> <tr> <td>3.</td> <td>09.19.08</td> <td>Not completed yet</td> </tr> <tr> <td>4.</td> <td>12.09.08</td> <td>Not completed yet</td> </tr> </table>		2008	2009	1.	02.08.08	03.31.09	2.	05.27.08	07.13.09	3.	09.19.08	Not completed yet	4.	12.09.08	Not completed yet	x			
	2008	2009																			
1.	02.08.08	03.31.09																			
2.	05.27.08	07.13.09																			
3.	09.19.08	Not completed yet																			
4.	12.09.08	Not completed yet																			
136.	192.603(b)	Patrolling Outside Business District (2 per yr/7½ months) 192.721(b)(2) Completed annually with above BD patrolling.	x																		
137.	192.603(b)	Leakage Survey - Outside Business District (5 years) 192.723(b)(1)	x																		
138.	192.603(b)	Tests for Reinstating Service Lines 192.725 WO examples were reviewed and were tested between the break and the meter. Reviewed 2008 and 2009.	x																		
139.	192.603(b)/.727(g)	Abandoned Pipelines; Underwater Facility Reports 192.727 None	x																		

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140.	192.709 AOC				
	<p>Pressure Limiting and Regulating Stations (1 per yr/15 months) .739 (c) A record of each patrol, survey, inspection, and test required by subparts L and M of this part must be retained for at least 5 years or until the next patrol, survey, inspection, or test is completed, whichever is longer.</p> <p>1. Relief set pressure on R-127 during inspection was found to be 3psi over identified set pressure of 41 psi. Copies of 2008 and 2009 R-127 forms in folder.</p> <p>2. R-26 identified in my pre-field inspection as: R-26 Alley W. of 129 Callow</p> <ol style="list-style-type: none"> Corroded control lines & chart Corroded stainless ? What's up? Underground vault Site Visit this location. No markers but fence is 3 photos Relief stack in good shaped Y cover okay. <p>The Reg sta maintenance form dated xx.xx.08 state that priming and painting needed. CNG procedures identify that once notified the GM has 30-45 days to compile WO and xx time to complete work. CP 754 was changed by Keith on October 1, 2009. This remediation did not comply with CNG procedures at the time this remediation issue occurred.</p> <ol style="list-style-type: none"> R-50 – did OQ this location. Employee identified wrap as an AOC this location on Thursday 11.05.09 – has this been documented and/or repaired? Created WO to repair wrap 11.09.09 – okay. R-9 – did inspection 08.05.08 id'd WO #0006473 for painting and replaced sensing tube on operating reg. Work completed 10.01.08. R-86 - V-68 – Check last annual review of valve – Okay changed by Keith in 2009 to do annual inspection V-100 – Check last annual review of valve: reviewed: Okay July of 2008 and 08.20.09 R-57 inspected 09.23.08 and is pending for 2009. R-58 <ol style="list-style-type: none"> S. inlet – interface issue Identified an interface issue on south inlet on 09.29.09 but it is not noted on 10.07.09 inspection form. Russ had WO created for this interface issue. Placed copy in file. R-59 @ NW Newberry Ln. <ol style="list-style-type: none"> Check last A/C completed R-122 <ol style="list-style-type: none"> Newly painted completed 09.24.09 and scheduled for annual 2009. <p>CNG identified a "CREEP" issue during inspection re: R-127 relief going from 41psig to 44psig (44psig at time of inspection). Greater than annual visit required then? Unclear how CNG handle all other similar station relief's?</p>		x		
141.	192.709 PV		x		
	<p>Pressure Limiting and Regulator Stations – Capacity (1 per yr/15 months) .743 Keith providing. Documentation provided on 11.12.09 is insufficient in that it only identifies the reg sta number and states okay – no criteria reviewed has been provided.</p>				
142.	192.709				
	<p>Valve Maintenance – Transmission (1 per yr/15 months) .745 V-152 - 12" Kitsap Line BB issue in 2008 08.21.08 with WO to remediate V-152 – 12" Kitsap Line BB issue in 2009 10.20.09 with WO to remediate. WO identified for both 08 & 09 for BB removal but not completed. Documentation in folder.</p> <p>Reviewed several other transmission valves for maintenance on Kitsap 8 & 12" Lines – appears okay.</p>	x			
143.	192.709	x			
	Valve Maintenance – Distribution (1 per yr/15 months) .747 okay.				
144.	480-93-100(3)	x			
	Service valve maintenance (1 per yr/15 months) SV-001, SV-002, & SV-004 with SV-04 for 2009 pending otherwise completed for 2008 & 2009.				

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OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
145.	192.709	Vault maintenance (≥ 200 cubic feet)(1 per yr/15 months) .749 R-68 states Paint is good but also needs paint – looks like WO was created and then they came back and updated the old form rather than leave and create new record. Reviewed associated WO and the painting was corrected – okay.	x			
146.	192.603(b)	Prevention of Accidental Ignition (hot work permits) .751 Do not issue hot work permits. OQ class for tapping and training welders for safety welder/welding & purging and packing lines.	x			
147.	192.603(b)	Welding – Procedure 192.225(b) No qualified welding procedures changed.	x			
148.	192.603(b)	Welding – Welder Qualification 192.227/.229	x			
149.	192.603(b)	NDT – NDT Personnel Qualification .243(b)(2) None	x			
150.	192.709	NDT Records (pipeline life) .243(f) Maintained in engineering.	x			
151.	192.709	Repair: pipe (pipeline life); Other than pipe (5 years) Not in last 5 years.	x			
152.	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area's (HCA's) Not part of this inspection.	x			

Documentation Reviewed:

Document Title	Document Number	Revision Date	Date Range Reviewed

Comments:

CORROSION CONTROL RECORDS

CORROSION CONTROL RECORDS			S	U	N/A	N/C
153.	192.455(a)(1)	Pipeline coatings meet requirements of 192.461 (<i>for buried pipelines installed after 7/31/71</i>) Xtru coat and Royston (green wrap) – All items provided to Bellingham from Central Stores.	x			
154.	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction (<i>after 7/31/71</i>) Originally installed in approx 1956. 8 Rectifiers in system. GM did not know answer to this but not identified as an issue in previous inspections. Steel install in 2007 and 2008 and has been tied in to rectifier.	x			
155.	192.465(a)	Annual Pipe-to-soil Monitoring (1 per yr/15 months) for short sections (10% per year; all in 10 years) CNG identified the following isolated sections. 190 Pacific Ave. Bremerton 4525 Autocenter Way, Bremerton 1549 Charleston Beach Rd., Bremerton 1611 Charleston Beach Rd. Bremerton 515 West Hills Blvd. Bremerton 260 Beacj Dr/ East. {prt Prejard 214 Birwe;; Ave/ Bre,ertpm 3721 NW Highland Ct. Silverdale. All monitored annually and completed on 04.16.08 and 04.08.09	x			

Utilities and Transportation Commission
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CORROSION CONTROL RECORDS			S	U	N/A	N/C
156.	192.491	Maps or Records .491(a) They have anodes and corrosion control has maps. Did not provide. Reviewed Bremerton maps 1. Lebo, 2. Forest N. of Kitsap, 3. Thompson, 4. Wycoff & Alley. Wycoff & Alley is not mapped – all others are mapped. They identified that they would get this on their maps. Reviewed Port Orchard maps 1. Fairway Circle, 2. E. Bay & Vets (Retired), 3. Harrison & Bay. Both 1. And 3. Are on the maps.	x			
157.	192.491	Examination of Buried Pipe when exposed .459 This has been reviewed on leak report records and they identify condition on construction documents.	x			
158.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed Reviewed the Districts Reg sta CP testing	x			
159.	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a) Low reads at 4901 Hovde Rd. on 10.09.09 repaired on 11.02.09. Reads were shown as corrected but second low read in the Port Orchard Rectifier area but the Fircrest Fire Dept did not get revisited for another read. Rectifier area shows okay. Annual completed 04.08.09 and 04.16.08.	x			
160.	192.491	Rectifier Monitoring (6 per yr/2½ months) .465(b) Reviewed 2008 and 2009.	x			
161.	192.491	Interference Bond Monitoring – Critical (6 per yr/2½ months) .465(c) None Requested to review copies of as-builts but kept in engineering according to CP's.	x			
162.	192.491	Interference Bond Monitoring – Non-critical (1 per yr/15 months) .465(c) None Requested to review copies of as-builts but kept in engineering according to CP's.	x			
163.	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d)	x			
164.	480-93-110(3) PV	CP equipment/ instrumentation maintained, tested for accuracy, calibrated, and operated in accordance with manufactures recommendations, or at appropriate schedule determined by gas company if no recommendation. Completed each calendar year per Russ. 11 Volt meters tested/recal on 11.25.08 and 09.12.07 and 05.02.07. 2007 contains two Volt meters for Snelson: 050805954 & 05080906 However 2008 contains no volt meter calibration for Snelson. Reviewed Half cells – okay. Did not have records for Snelson calib. Records for 2008 or 2009. Snelson did work in this District in 2008 and 2009.		x		
165.	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/39 months) .465(e) None	x			
166.	192.491	Electrical Isolation (Including Casings) .467 CNG identified short issue on 2 occasions – 3 rd visit documentation identifies short still exists on 04.14.09 but have leak surveyed – 0%. Also reviewed: CNG identified the following isolated sections. 190 Pacific Ave. Bremerton 4525 Autocenter Way, Bremerton 1549 Charleston Beach Rd., Bremerton 1611 Charleston Beach Rd. Bremerton 515 West Hills Blvd. Bremerton 260 Beacj Dr/ East. {prt Prcjard 214 Birwe;; Ave/ Bre,ertpm 3721 NW Highland Ct. Silverdale. All monitored annually and completed on 04.16.08 and 04.08.09.	x			
167.	480-93-110(5)	Casings inspected/tested annually not to exceed fifteen months completed 04.08.09 and 04.16.08. 2009. Okay. Shows shorted casing – completed a leak survey with Tinker Razor on 04.09.09 with 0% gas read.	x			
168.	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods	x			
169.	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days	x			
170.	480-93-110(5)(c)	Casing shorts cleared when practical 2009 shows shorted casing – completed a leak survey with Tinker Razor on 04.09.09 with 0% gas read. Impractical to clear at this time. First identified in approx. April of 2008.	x			

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CORROSION CONTROL RECORDS			S	U	N/A	N/C
171.	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months Yes.	x			
172.	192.491	Interference Currents .473 None noted other than Bonneville high lines but no indication of issues this Division in their records.	x			
173.	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) None	x			
174.	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b)	x			
175.	192.491	Internal Corrosion Control Coupon Monitoring (2 per yr/7½ months) .477 None	x			
176.	192.491 PV	<p>Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) .481</p> <p>The following locations were found with damaged or missing interface protection:</p> <ul style="list-style-type: none"> a. 9857 Silverdale Way, Silverdale – Meter 662198 b. 2890 Ridgetop Blvd. NW, Silverdale – Meter 536533 c. 4907 Auto Center Blvd., Bremerton – Meter 276858 d. 4920 Auto Center Blvd., Bremerton e. 288 Wilkes, Bremerton f. 3519 Arsenal Rd., Bremerton – Double cut located near street <p>CNG atmospheric corrosion monitoring records are insufficient to demonstrate compliance. Records show that atmospheric corrosion inspection intervals exceed code requirements.</p> <ul style="list-style-type: none"> a. 3975 State Hwy 3 W 08.30.04 b. 3987 State Hwy 3 W 08.30.04 c. 6204 W State Hwy 3 08.30.04 d. 4121 State Hwy 16 W 08.30.04 e. 4135 State Hwy 16 W 08.30.04 f. 228 S Marion Ave. 12.21.05 <p>Did not provide records for any of above requested. Requested that if they provide records that they forward the most recent A/C monitor and the one before.</p>		x		
177.	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/.485 None	x			
178.	480-93-110(3)	CP Test Equipment and Instruments checked for accuracy/intervals (Mfet Rec or Opr Sched)	x			

Documentation Reviewed:			
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Comments:

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Comments:
WAC 480-93-110(9):

CNG did not provide complete atmospheric corrosion records at time of inspection. The following records were received after the inspection. CNG exceeded the remediation time period identified in CNG Procedure CP 754.037. *All inspection dates listed below identify the location "Needs Paint".*

a.	925 Adele Ave.	11.21.06	01.28.09
b.	911 Adele Ave.	11.21.06	01.28.09
c.	652 Adele Ave.		01.28.09
d.	650 Adele Ave.		01.28.09
e.	648 Adele Ave.		01.28.09
f.	646 Adele Ave.		01.28.09
g.	3401 Arsenal Way	11.30.06	06.10.09
h.	333 Bertha Ave.	11.21.06	
i.	331 Bertha Ave.	11.21.06	
j.	646 Bertha Ave.	11.21.06	
k.	317 N Callow Ave.	01.08.07	07.13.09
	(07.13.09 inspection shows "Good" but no evidence of remediation to "Needs Paint" for inspection of 01.08.07)		
l.	320 Callow Ave. N	01.08.07	
m.	321 N Callow Ave.	11.28.06	04.28.09
n.	327 N Callow Ave.	11.29.06	04.28.09
o.	327-1/2 N. Callow Ave.	11.28.06	04.28.09
p.	325 N Callow Ave.	11.28.06	04.28.09
q.	330 Callow Ave. N	01.08.07	
r.	332 Callow Ave. N #A	01.08.07	
s.	333 N Callow Ave.	11.28.06	04.28.09
t.	335 N Callow Ave.	11.28.06	04.28.09
u.	337 N Callow Ave.	11.28.06	04.28.09
v.	337 Callow Ave. N #B	11.28.06	04.28.09
w.	339 N Callow Ave.	11.28.06	04.28.09
	(04.28.09 inspection shows "Good" but no evidence of remediation to "Needs Paint" for inspection of 11.28.06)		
x.	343 N Callow Ave.	11.28.06	04.28.09
y.	347 N Callow Ave.	11.28.06	04.28.09
z.	617 N Callow Ave.	11.16.06	
aa.	619 Callow Ave. N (McGavins Bakery)	11.16.06	
bb.	621 Callow Ave. N	11.16.06	
cc.	625 Callow Ave. N	11.16.06	
dd.	927 Cambrian Ave.	11.16.06	
ee.	4128 D St.	11.21.06	
ff.	4133 D St.	11.21.06	
gg.	4128 E St.		12.17.08
hh.	2810 Kitsap Way Upr #C	11.16.06	
ii.	2804 Kitsap Way	11.16.06	
jj.	2810 Kitsap Way (Lwr)	11.16.06	
kk.	2820 Kitsap Way	11.16.06	
ll.	3235 Kitsap Way		01.28.09
mm.	3711 Kitsap Way	11.21.06	01.28.09
nn.	911 Mead Ave.	11.16.06	
oo.	921 Mead Ave. N	11.16.06	
pp.	917 Mead Ave. N	11.16.06	
qq.	1103 National Ave.	11.21.06	12.17.08
rr.	1011 S. National Ave.	11.21.06	12.17.08
ss.	1110 Wilbert Ave.	11.21.06	01.28.09
	(01.28.09 inspection shows "Good" but no evidence of remediation to "Needs Paint" for inspection of 11.21.06)		
tt.	2706 6 th St.	11.16.06	
uu.	2709 6 th St.		04.28.09
vv.	2711 6 th St.		04.28.09
ww.	2713 6 th St.	11.29.06	04.28.09
	(04.28.09 inspection shows "Good" but no evidence of remediation to "Needs Paint" for inspection of 11.29.06)		
xx.	2712 9 th St.	11.16.06	
yy.	2714 9 th St. #3	11.16.06	
zz.	3605 9 th St.	11.21.06	
aaa.	3411 11 th St.	11.21.06	
bbb.	3400 11 th St. (The Dunes Motel)	11.21.06	01.28.09
ccc.	3317 11 th St.,	11.21.06	01.28.09

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Comments:

ddd. 639 N Wycoff Ave. 11.16.06
eee. 641 Wycoff Ave. 11.16.06
fff. 631 Wycoff Ave. #A 11.16.06
ggg. 631-B N Wycoff Ave. 11.16.06

WAC 110(9) – two most recent A/C surveys not provided o- only one. All have not been remediated "Needs Paint". 10830 NW Hampton Ave. inspection on 05.07.08 states A/C condition "Good".

- a. 10710 Hillsboro Dr. NW, Silverdale – Meter 236942 05.07.08
- b. 10790 Hampton Ave. NW, Silverdale – Meter 569244 05.07.08
- c. 10792 Hampton Ave. NW, Silverdale – Meter 127053 05.07.08
- d. 10794 Hampton Ave. NW, Silverdale – Meter 239492 05.07.08
- e. 10798 Hampton Ave. NW, Silverdale – Meter 236324 05.07.08
- f. 10838 Hampton Ave. NW, Silverdale – Meter 238511 05.07.08

PIPELINE INSPECTION (Field)			S	U	N/A	N/C
179.	192.161 PV	Supports and anchors Combustible supports (wood) 8340 Barney White Rd., Gorst Meter 179895 (Wok on Fire, Silverdale)		x		
180.	480-93-080(1)(d)	Welding procedures located on site where welding is performed?	x			
181.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables	x			
182.	480-93-080(2)(a)	Plastic procedures located on site where welding is performed?	x			
183.	480-93-080(3) PV	Identification and qualification cards/certificates w/name of welder/joiner, their qualifications, date of qualification and operator whose qualification procedures were followed. See welder visual inspection issue under procedures. WAC 180		x		
184.	480-93-013	Personnel performing "New Construction" covered tasks OQ qualified?	x			
185.	480-93-015(1)	Odorization	x			
186.	480-93-018(3) PV	Updated records, inc maps and drawings made available to appropriate operations personnel? Maps found in service vehicles not updated. Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. The 12.21.05 Atmospheric Corrosion records contain multiple inspections documented on the same form – unable to determine outcome from this documentation. 1. 3401 Arsenal Way 12.21.05 11.30.06 2. 3411 Arsenal Way 08.21.02 12.21.05 11.30.06 3. 3517 Arsenal Way 08.21.02 12.21.05 11.30.06 4. 3519 Arsenal Way 08.21.02 12.21.05 11.30.06 5. 3715 Arsenal Way 08.21.02 12.21.05 11.30.06 6. 3708 Arsenal Way 08.21.02 12.21.05 11.30.06 7. 3709 Arsenal Way 08.21.02 12.21.05 11.30.06 8. 3737 Arsenal Way 08.21.02 12.21.05 11.30.06 9. 242 S. Yantic Ave. 12.21.05 11.30.06		x		
187.	192.179	Valve Protection from Tampering or Damage	x			
188.	192.455	Pipeline coatings meet requirements of 192.461 (for buried pipelines installed after 7/31/71)	x			
189.	192.463	Levels of cathodic protection	x			
190.	192.465	Rectifiers	x			
191.	192.467	CP - Electrical Isolation	x			
192.	192.476	Systems designed to reduce internal corrosion	x			
193.	192.479 PV	Pipeline Components exposed to the atmosphere The following locations have above-ground uncoated piping. 1. 937/939 Callow, Bremerton 2. 641 Callow, Bremerton		x		

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PIPELINE INSPECTION (Field)			S	U	N/A	N/C
		3. Meter 289160 (Bakery on Callow, Bremerton) 4. Meter 241073 5. W. side of Alley W. of Meter 241073 6. Meter 244498 7. Meter 179895 (Wok on Fire) 8. Meter 270409 9. 3201 NW Randall Way, Silverdale 10. 4303 Kitsap Way, Bremerton (Quality Inn) – Meterless riser on E. side of Laundry/Maintenance Bldg. off main driveway				
194.	192.481 PV	Atmospheric Corrosion: monitoring See CFR 481 above for details		x		
195.	192.491	Test Stations – Sufficient Number .469	x			
196.	480-93-115(2)	Casings – Test Leads (casings w/o vents installed after 9/05/1992)	x			
197.	480-93-115(2)	Mains or transmission lines installed in casings/conduit. Are casing ends sealed?	x			
198.	480-93-115(4)	Service lines installed in casings/conduit. Are casing ends nearest to building walls sealed?	x			
199.	192.605(a)	Appropriate parts of manuals kept at locations where O&M activities are conducted	x			
200.	192.605	Knowledge of Operating Personnel	x			
201.	480-93-124	Pipeline markers	x			
202.	480-93-124(4) PV	Markers reported missing or damaged replaced within 45 days ? CNG does not have a process or procedure for tracking reported damaged or missing pipeline markers which demonstrate that marker replacements occur within forty-five days.		x		
203.	192.719	Pre-pressure Tested Pipe (Markings and Inventory)	x			
204.	192.195	Overpressure protection designed and installed where required?	x			
205.	192.739/743 AOC	Pressure Limiting and Regulating Devices (Mechanical/Capacities) Details under 192.709 - AOC		x		
206.	192.741	Telemetry, Recording Gauges	x			
207.	192.751	Warning Signs	x			
208.	192.355	Customer meters and regulators. Protection from damage Meters 270409 & 624238 on Callow Ave., Bremerton – vent terminal location issue.		x		
209.	192.355(c)	Pits and vaults: Able to support vehicular traffic where anticipated.	x			
210.	480-93-140	Service regulators installed, operated and maintained per state/fed regs and manufacturers recommended practices? The sideways orientation of the regulator vent/relief vent terminal(s) does not provide adequate protection. a. Btwn 333 & 329 Callow, Bremerton - Meter 410623 b. 4650 Werner Rd., Bremerton c. 3567 Randall Way NW, Silverdale - Meter 159595 d. 3201 NW Randall Way, Silverdale – Meter 565762 e. 11 th St, Bremerton (The Dunes Motel) The following regulator vent(s) were found missing vent screens: a. 9833 Poplars Ave. NW Ste. 105, Silverdale (Towne Centre Shopping Complex) b. 3201 NW Randall Way, Silverdale – Meter 565762		x		
211.	480-93-178(2)	Plastic Pipe Storage facilities – Maximum Exposure to Ultraviolet Light (2yrs)	x			
212.	480-93-178(4)	Minimum Clearances from other utilities. For parallel lines a minimum of twelve inches. Where a minimum twelve inches of separation is not possible, must take adequate precautions, such as inserting the plastic pipeline in conduit, to minimize any potential hazards.	x			
213.	480-93-178(5)	Minimum Clearances from other utilities. For perpendicular lines a minimum of six inches of separation from the other utilities. Where a minimum six inches of	x			

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PIPELINE INSPECTION (Field)			S	U	N/A	N/C
		separation is not possible, must take adequate precautions, such as inserting the plastic pipeline in conduit, to minimize any potential hazards				
214.	480-93-178(6)	Are there Temporary above ground PE pipe installations currently?				
215.	480-93-178(6)(a)	If yes, is facility monitored and protected from potential damage?	x			
216.	480-93-178(6)(b)	If installation exceeded 30 days, was commission staff notified prior to exceeding the deadline?	x			
217.	192.745	Valve Maintenance (Transmission)	x			
218.	192.747	Valve Maintenance (Distribution)	x			
Facility Sites Visited:						
Facility Type	Facility ID Number	Location				

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Comments:

480-93-018(1):

Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. The 12.21.05 Atmospheric Corrosion records contain multiple inspections documented on the same form – unable to determine outcome from this documentation.

10.	3401 Arsenal Way		12.21.05	11.30.06
11.	3411 Arsenal Way	08.21.02	12.21.05	11.30.06
12.	3517 Arsenal Way	08.21.02	12.21.05	11.30.06
13.	3519 Arsenal Way	08.21.02	12.21.05	11.30.06
14.	3715 Arsenal Way	08.21.02	12.21.05	11.30.06
15.	3708 Arsenal Way	08.21.02	12.21.05	11.30.06
16.	3709 Arsenal Way	08.21.02	12.21.05	11.30.06
17.	3737 Arsenal Way	08.21.02	12.21.05	11.30.06
18.	242 S. Yantic Ave.		12.21.05	11.30.06

Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. CNG did not provide the two most recent inspection records.

- a. 937/939 Callow Ave., Bremerton
- b. 641 Callow St., Bremerton
- c. N of 2706 6th St., Bremerton – (N. of Meter 273904)
- d. W of 347 N Callow Ave., Bremerton – (W. of Meter 241073)
- e. Meter 109802 – N Callow Ave., Bremerton
- f. Meter 152328 – Callow Ave., Bremerton
- g. 9987 Silverdale Way Northwest, Silverdale - Meter 179895
- h. 4303 Kitsap Way, Bremerton
- i. Meters 685707, 598593, & 234429

480-93-018(5):

Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. Atmospheric corrosion monitoring records printed on 12.21.05 show handwritten CNG inspection dates which occur approx. 3 years before the 12.21.05 form print date.

a.	3519 Arsenal Way		08.21.02
b.	3517 Arsenal Way		08.21.02
c.	3715 Arsenal Way		08.21.02
d.	3713 Arsenal Way		08.21.02
e.	3709 Arsenal Way		08.21.02
f.	3708 Arsenal Way		08.21.02
g.	3737 Arsenal Way		08.21.02
h.	4710 Auto Center Blvd.	09.06.02	
i.	4901 Auto Center Blvd.	09.06.02	
j.	4907 Auto Center Blvd.	09.06.02	
k.	4921 Auto Center Blvd.	09.06.02	
l.	4940 Auto Center Blvd.	09.06.02	
m.	4949 Auto Center Blvd.	09.06.02	
n.	4949-1/2 Auto Center Blvd.	09.06.02	
o.	250 Wilkes Ave.	09.06.02	
p.	5008 Auto Center Blvd.	09.06.02	
q.	4091 Country Ln. NW #2	09.19.02	
r.	2417 NW Greenhaven Pl.	09.19.02	
s.	4091 Country Ln. NW #1	09.19.02	
t.	4091 Country Ln. NW Lndry.	09.19.02	
u.	6708 Kitsap Way	09.06.02	
v.	6710 Kitsap Way #A	09.06.02	
w.	6710 Kitsap Way #B	09.06.02	
x.	6720 Kitsap Way	09.06.02	
y.	6722 Kitsap Way	09.06.02	
z.	6724 Kitsap Way	09.06.02	

Maps kept in service vehicles which are utilized by service personnel have not been updated. During OQ field review staff noted that maps utilized in the field by two employees were dated May 2007.

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480-93-018(1):

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11.	3411 Arsenal Way	08.21.02	12.21.05	11.30.06
12.	3517 Arsenal Way	08.21.02	12.21.05	11.30.06
13.	3519 Arsenal Way	08.21.02	12.21.05	11.30.06
14.	3715 Arsenal Way	08.21.02	12.21.05	11.30.06
15.	3708 Arsenal Way	08.21.02	12.21.05	11.30.06
16.	3709 Arsenal Way	08.21.02	12.21.05	11.30.06
17.	3737 Arsenal Way	08.21.02	12.21.05	11.30.06
18.	242 S. Yantic Ave.		12.21.05	11.30.06

Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. CNG did not provide the two most recent inspection records.

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- f. Meter 152328 – Callow Ave., Bremerton
- g. 9987 Silverdale Way Northwest, Silverdale - Meter 179895
- h. 4303 Kitsap Way, Bremerton
- i. Meters 685707, 598593, & 234429

480-93-018(5):

Atmospheric corrosion monitoring records are insufficient to demonstrate compliance. Atmospheric corrosion monitoring records printed on 12.21.05 show handwritten CNG inspection dates which occur approx. 3 years before the 12.21.05 form print date.

a.	3519 Arsenal Way	08.21.02
b.	3517 Arsenal Way	08.21.02
c.	3715 Arsenal Way	08.21.02
d.	3713 Arsenal Way	08.21.02
e.	3709 Arsenal Way	08.21.02
f.	3708 Arsenal Way	08.21.02
g.	3737 Arsenal Way	08.21.02
h.	4710 Auto Center Blvd.	09.06.02
i.	4901 Auto Center Blvd.	09.06.02
j.	4907 Auto Center Blvd.	09.06.02
k.	4921 Auto Center Blvd.	09.06.02
l.	4940 Auto Center Blvd.	09.06.02
m.	4949 Auto Center Blvd.	09.06.02
n.	4949-1/2 Auto Center Blvd.	09.06.02
o.	250 Wilkes Ave.	09.06.02
p.	5008 Auto Center Blvd.	09.06.02
q.	4091 Country Ln. NW #2	09.19.02
r.	2417 NW Greenhaven Pl.	09.19.02
s.	4091 Country Ln. NW #1	09.19.02
t.	4091 Country Ln. NW Lndry.	09.19.02
u.	6708 Kitsap Way	09.06.02
v.	6710 Kitsap Way #A	09.06.02
w.	6710 Kitsap Way #B	09.06.02
x.	6720 Kitsap Way	09.06.02
y.	6722 Kitsap Way	09.06.02
z.	6724 Kitsap Way	09.06.02

Maps kept in service vehicles which are utilized by service personnel have not been updated. During OQ field review staff noted that maps utilized in the field by two employees were dated May 2007.

Utilities and Transportation Commission
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192.365 Service Lines:

Meter and service regulator protection/barricades have sustained vehicular damage and no longer provide equipment protection:

- a. Meter 576058
- b. Meter 580140
- c. 3745 G St., Bremerton (W. National Ave. at W. G St.)

The service valves at the following locations were found buried or partially buried:

- b. 2890 Ridgetop Blvd. NW, Silverdale – Meter 536533
- c. Meter 197601
- d. 3519 Arsenal Rd., Bremerton
- e. 3463 Kitsap Way, Bremerton

PRE-FIELD: KITSAP County - 090003

NO COMPANY LABEL

1. W. National Ave. & W. E St. – Westside Improvement Club, Inc.
2. Btwn 333 & 329 Callow (321?) Meter 410623
3. Meter 197601
4. 3519 Arsenal Rd.
5. 4710 Auto Center Blvd. Bar code 02 28519842
6. NE corner NW Plaza Rd. & Randall Way NW (Shopping Center) Round Table Pizza, Silverdale

NO UNIQUE NUMBER

1. 3519 Arsenal Rd.
2. NE corner NW Plaza Rd. & Randall Way NW (Shopping Center) Round Table Pizza

HORIZONTAL VENT

1. Btwn 333 & 329 Callow (321?) Meter 410623
2. 4650 Werner Rd.
3. 3567 Randall Way NW (Toys R Us) Meter 159595
4. 3201 NW Randall Way (Target) Meter 565762

NO VENT SCREEN

1. 9833 Poplars Ave NW Ste. 105 (In Towne Centre Shopping Complex)
2. 3201 NW Randall Way (Target) Meter 565762

EXTENSION ON VENT – POTENTIAL EQUIVALENT LENGTH ISSUE

1. 3745-G W. National Ave. @ W. G St.

INTERFACE ISSUES

1. 3737 W. Arsenal Way – fenced in area, Bremerton
2. Btwn 333 & 329 Callow (321?) Meter 410623, Bremerton
3. 4907 Auto Center Blvd. Meter 276858, Bremerton
4. 4920 Auto Center Blvd., Bremerton
5. 4940 Auto Center Blvd. Meter 575467, Bremerton
6. 288 Wilkes, Bremerton
7. 4024 Country Lane Park NW (Mobile Home Park) Lot #61 Meter 634818, Bremerton
8. R-50 Chico Way NW – R-58 S. inlet, Bremerton
9. 9857 Silverdale Way, Silverdale
10. 2890 Ridgetop Blvd NW (Safeway Bldg. – Ste. 100 Hallmark Store) Meter 536533
11. Meter 244498

ATMOSPHERIC CORROSION

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1. 925 Adele – Puget Sound Health Care – Dept. of Veterans, Bremerton
2. 911 Adele, Bremerton
3. 11th St. – The Dunes Motel, Bremerton
4. 2716 9th St., Bremerton
5. W. National Ave. & W. E St. – Westside Improvement Club, Inc. Light corrosion on meter No coating on corroded riser & fittings
6. Bakery, Bremerton Meter 1239160
7. Meter 273904 Alley btwn Wycoff Ave & Callow
8. Meter 241073
9. Reg Sta R-09 Supports removed for review prior to paint? – Corrosion 8" @ chart/Relief over paint doesn't appear wire brushed?/Peeling
10. 3548 W. Belfair Valley Rd. Meter 135773
11. 3519 Arsenal Rd. Corrosion on CNG outlet Backside to 4 meter manifold
12. Meter 580140 (Red Apple Market) Wall loss on riser? Pitting
13. 4091 Kitsap Way Meter 582024 (County Squire) A/C on manifold support weld location
14. 4024 Country Lane Park NW (Mobile Home Park) Lot #61
15. 4024 Country Lane Park NW (Mobile Home Park) Lot #67 Meter 251724
16. 3201 NW Randall Way (Target) Meter 565762
17. Meter 576058
 - a. Customer painted meter – when last CNG A/C inspect or paint?

TACK WELD SUPPORT ATMOSPHERIC CORROSION INSPECTION AREAS

1. 2716 9th St., Bremerton
2. Meter 1239160
3. Meter 1239160

4. W. of Meter 241073

5. Meter 666539
6. 4725 – 4727 Kean, Bremerton
7. NE corner NW Plaza Rd. & Randall Way NW (Shopping Center), Silverdale
8. 19045 STH 305 Ste. 100 Meter 228078 & 248424

COATING ISSUES

1. Barber Shop Meter 270409 & 624238 Bare metal riser Primed never painted 3 meter manifold & carrier
2. 937/939 Callow Ave. - Bare metal – never coated fittings & reducer Appears to be fairly new set, Bremerton
3. 641 Callow St. Meter 288165 Bare metal pipe btwn svc valve & reg.
4. Meter 1239160 No coating – bare pipe inlet & out spuds

5. N. of Meter 273904 Wrap peeling
6. Meter 241073 No coating on pipe
7. W. of Meter 241073 Uncoated/peeling carrier
8. Meter 244498 Peeling – bare metal - Primed never painted
9. Meter 109802 of 3 meter manifold Damaged wrap coating Peeling paint
10. Btwn 333 & 329 Callow (321?) Meter 410623 Peeling paint damaged missing coating
11. Meter 152328 Painted by customer See above notes Re A/C inspect/paint No coating carrier underneath
12. 3548 W. Belfair Valley Rd. Meter 135773 Damaged coating/wrap
13. Meter 580140 (Red Apple Market) Coating issue Unfamiliar w/above grade wrap used
14. Meter 179895 (Wok on Fire) Bare pipe on loop
15. 4303 Kitsap Way (Quality Inn) Bare metal on meterless riser
16. U-Haul – Damaged wrap
17. Meter 685707, 598593, 234429 Damage/missing wrap

BURY/PARTIAL BURY METER ISSUES

1. NE corner NW Plaza Rd. & Randall Way NW (Shopping Center), Silverdale
2. 641 Callow St., Meter 288165
3. Meter 197601
4. Meter 182956 (Chico Alliance Church)

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5. Meter 234080
6. 8564 Silverdale Way NW Meter 609272 Partial bury of meter
7. Meter 591524 (N. of 2 Margaritas) appears due to landscaping change
8. Meter 569409 (State Farm Ins.) appears due to landscaping change
9. 2890 Ridgetop Blvd NW (Safeway Bldg. – Ste. 100 Hallmark Store) Meter 536533 Meter Partial bury in concrete

BURY/PARTIAL BURY VALVE ISSUES

1. 2890 Ridgetop Blvd NW (Safeway Bldg. – Ste. 100 Hallmark Store) Meter 536533 In concrete
2. Meter 197601
3. 3519 Arsenal Rd. – Appears due to landscaping change
4. 3463 Kitsap Way

POTENTIAL EQUIPMENT/PIPING SUPPORT ISSUES

1. Meter 109802 of 3 meter manifold - 6' of 3 meter manifold count on customer pipe for support
2. 8430 Barney White Rd. Meter Set on combustible supports on top of 8" CMU's
3. 288 Wilkes, Bremerton – Customer piping supporting 5 meter manifold
4. Meter 182956 (Chico Alliance Church)
5. Meter 179895 (Wok on Fire) Meter on Combustible supports 4x6
6. NE corner NW Plaza Rd. & Randall Way NW (Shopping Center), Silverdale

PROTECTION/BARRICADE ISSUES

1. Meter 576058 Barricade damaged & over top of 3 meter manifold
2. Meter 580140 (Red Apple Market) Protection posts damaged
3. 3745-G W. National Ave. @ W. G St. Protection posts damaged

PIPELINE MARKERS check markers on maps

1. Kitsap Transmission V-31 w/vault No. of Lake Flora Rd. Damage marker per above drawing Trans xing Sunny Slpe N. of Lake Flora Rd. Missing marker
2. Old Clifton Rd. E. of Sunnyslope
3. Reg Sta R-09 Damaged Sign N. Side of Road

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

<u>Number</u>	<u>Date</u>	<u>Subject</u>
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:

Attachment 1

Distribution Operator Compressor Station Inspection

Unless otherwise noted, all code references are to 49CFR Part 192. S – Satisfactory U – Unsatisfactory N/A – Not Applicable N/C – Not Checked
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219.	.605(b)		S	U	N/A	N/C
220.	No compressor stations this District	COMPRESSOR STATION PROCEDURES				
		.605(b)(6) Maintenance procedures, including provisions for isolating units or sections of pipe and for purging before returning to service			x	
221.		.605(b)(7) Starting, operating, and shutdown procedures for gas compressor units			x	
222.		.731 Inspection and testing procedures for remote control shutdowns and pressure relieving devices (1 per yr/15 months), prompt repair or replacement			x	
223.		.735 (a) Storage of excess flammable or combustible materials at a safe distance from the compressor buildings			x	
224.		(b) Tank must be protected according to NFPA #30			x	
225.		.736 Compressor buildings in a compressor station must have fixed gas detection and alarm systems (must be performance tested), unless:			x	
226.		• 50% of the upright side areas are permanently open, or				
227.	• It is an unattended field compressor station of 1000 hp or less				x	

Documentation Reviewed:		
Document Title	Document/Section Number	Revision Date

Comments:
No compressor stations this District.

COMPRESSOR STATION O&M RECORDS			S	U	N/A	N/C
228.	.709	.731(a) Compressor Station Relief Devices (1 per yr/15 months)			x	
229.	No compressor stations this District	.731(c) Compressor Station Emergency Shutdown (1 per yr/15 months)			x	
230.		.736(c) Compressor Stations – Detection and Alarms (Performance Test)			x	

Documentation Reviewed:			
Document Title	Document Number	Revision Date	Date Range Reviewed

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Attachment 1

Distribution Operator Compressor Station Inspection

Unless otherwise noted, all code references are to 49CFR Part 192. S – Satisfactory U – Unsatisfactory N/A – Not Applicable N/C – Not Checked
 If an item is marked U, N/A, or N/C, an explanation must be included in this report.

Comments:
No compressor stations this District

COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be "Grandfathered")						
231.	.163	(c)			x	
232.	No compressor stations this District					
					x	
233.					x	
234.		(d)			x	
235.					x	
236.					x	
237.		(e)			x	
238.	.165	(a)			x	
239.		(b)			x	
240.					x	
241.	.167	(a)				
242.					x	
243.					x	
244.					x	
245.					x	
246.						
247.					x	
248.					x	
249.					x	
250.		(b)			x	
251.		(c)				
252.						
253.					x	
254.					x	
255.						
256.					x	

Attachment 1

Distribution Operator Compressor Station Inspection

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If an item is marked U, N/A, or N/C, an explanation must be included in this report.

COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be "Grandfathered")						
257.		Gas in air reaches 50% or more of LEL in a building with a source of ignition (facility conforming to NEC Class 1, Group D is not a source of ignition)?			x	
258.	.171 (a)	Does the compressor station have adequate fire protection facilities? If fire pumps are used, they must not be affected by the ESD system.			x	
259.	No compressor stations this District (b)	Do the compressor station prime movers (other than electrical movers) have over-speed shutdown?			x	
260.		(c)	Do the compressor units alarm or shutdown in the event of inadequate cooling or lubrication of the unit(s)?		x	
261.		(d)	Are the gas compressor units equipped to automatically stop fuel flow and vent the engine if the engine is stopped for any reason?		x	
262.		(e)	Are the mufflers equipped with vents to vent any trapped gas?		x	
263.		.173	Is each compressor station building adequately ventilated?			x
264.	.457	Is all buried piping cathodically protected?			x	
265.	.481	Atmospheric corrosion of aboveground facilities			x	
266.	.603	Does the operator have procedures for the start-up and shut-down of the station and/or compressor units?			x	
267.		Are facility maps current/up-to-date?			x	
268.	.615	Emergency Plan for the station on site?			x	
269.	.619	Review pressure recording charts and/or SCADA			x	
270.	.707	Markers			x	
271.	.731	Overpressure protection – relief's or shutdowns			x	
272.	.735	Are combustible materials in quantities exceeding normal daily usage, stored a safe distance from the compressor building?			x	
273.		Is aboveground oil or gasoline storage tanks protected in accordance with NFPA standard No. 30?			x	
274.	.736	Gas detection – location			x	

Documentation Reviewed:			
Document Title	Document Number	Revision Date	Date Range Reviewed

Comments: No compressor stations this District.
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