

**Utilities and Transportation Commission
Standard Inspection Report for Master Meter 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	101617		
Inspector Name & Submit Date	P Johnson 12-7-2010		
Sr. Eng Name & Review/Date	Joe Subsits 12/15/2010		
Operator Information			
Name of Operator:	Bow Lake Inc	OP ID #:	
Name of Unit(s):			
Records Location:	Office		
Date(s) of Last (unit) Inspection:	2005 courtesy inspection	Inspection Date(s):	November 15, 2010

Inspection Summary: Bow Lake has removed all steel pipe and replaced with pe. The system has been maintained.

HQ Address: Bow Lake Inc. 18050 32nd Ave S Seattle, WA 98188	System/Unit Name & Address:
Co. Official: James Reed Phone No.: Fax No.:	Phone No.: Fax No.: Emergency Phone No.:

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Emergency Phone No.:		
Persons Interviewed	Title	Phone No.
Mr Mayfield	Park Manager	(206) 244-4755

Gas Supplier	
PSE	

Year Installed (Range)	unknown	Pipe Diameters (Range)
Material Type	unknown	Length of System

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Bow Lake INSPECTION FORM			S	U	N/A
1.	191.5	Any incidents requiring telephonic reporting to the National Response Center Committed to do in future		x	
2.	480-93-200(1)	Telephonic Reports to UTC Pipeline Safety Incident Notification (Within 2 hours) Committed to do in future		x	
3.	480-93-200(2)	Telephonic Reports to UTC Pipeline Safety Incident Notification (Within 24 hours) for; Committed to do in future		x	
4.	480-93-200(4)	30 day written incident report provided to the commission? WAC 480-93-200 (1) and (2). Committed to do in future		x	
5.	480-93-200(7)	Annual Reports filed with the commission no later than March 15 for the proceeding calendar year Committed to do in future		x	
6.	480-93-200(7)(b)	File a "Damage Prevention Statistics" Report Committed to do in future		x	
7.	480-93-200(7)(c)	File a construction defects and material failures report Committed to do in future		x	
8.	480-93-200(8)	Provide emergency contact information to appropriate agencies, Yes, provided to UTC, WNA and Local fire Dept. long time ago did will start again. Reviewed and Committed to do continue in future	x		
9.	480-93-013	OQ records for personnel performing Construction covered tasks No one trained so no doc. Friday after APGA meeting send list of trainers. Committed to do in future		x	
10.	192.739	Copy of Local Gas Company's Regulator Station annual inspection. After numerous calls to PSE Bob still does not have. (today is the 15th) Last thurs Daryl told him it was in the mail. Informed Joe of PSE not returning calls. Committed to do keep trying to get in the future		x	
11.	192.195	Overpressure protection designed and installed where required? Yes at master meter for system and individual meters.	x		
12.	480-93-140	Service regulators installed, operated and maintained per manufacturers recommendation? Yes, has specs in Bow Lake operating manual	x		
13.	192.616	Written Public Awareness procedure to provide its customers public awareness messages twice annually. This is put in monthly news letter. Review Nes letter informing residents of this mm inspection, reviewed newsletter. Still need written plan.		x	
14.	192.805	Written Operator Qualification Plan and certification for all employees or contractors None, will shop around before choosing APGA. Get contact info to them		x	
15.	CFR Part 199	Written Drug and Alcohol Plan Bow Lake does not use contractors, will commit to have copy if they do		x	
16.	192.605(a)	Procedural Manual Review – Operations and Maintenance (1 per yr/15 months) Will continue to do in future and document		x	
17.	192.615	Written Emergency Plan Bow lake has one in their operations manual. Will include all elements		x	
18.	192.617	Failure Analysis procedure Has in there operations manual under section Investigation of Failures	x		
19.	192.605(a)	Appropriate parts of manuals kept at locations where O&M activities are conducted Yes, in office	x		
20.	480-93-018(3)	Records, including maps and drawings updated within 6 months of completion of construction activity? Updated records made available to appropriate operations personnel? Excellent map of system. Is complete		x	

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21.	192.619	Maximum Allowable Operating Pressure (MAOP) and operating pressures Tested to 90 make MAOP 60. Operate at 5. Documentation is available.	x		
22.	192.625 (f)	Local Gas Companies sniff test nearest master meter facility. WAC 480-93-015 exempts Master meter systems monthly Odorant Sniff Testing. PSE had not provided after numerous phone calls. Last thurs PSE told Bow Lake it was in the mail.		x	
23.	480-93-188(1)	Conducted the gas leak surveys in accordance with 480-93-188 Reviewed annual leak survey conducted by Heath in December. No leaks found.	x		
24.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) Heath and Bow Lake instruments are tested.	x		
25.	192.723	Reviewed completed 5 year leak surveys 192.723 and required annual leak surveys 480-93-188	x		
26.	192.709	Valve Maintenance – Distribution (1 per yr/15 months) .74 Have past documentation and will continue to do in future	x		
27.	192.455	Systems that do not have cathodic protection on their steel service must do testing to determine if a corrosive environment exists. If a corrosive environment exists, the Master Meter System must be cathodically protected in accordance with paragraph (a) (2) of this section. 192.465 (e). Removed cp whole system is now pe.		NA	
28.	192.465	Have annual cathodic protection surveys been conducted? Whole system is pe		NA	
29.	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a)		NA	
30.	192.491	Rectifier Monitoring (6 per yr/2½ months) .465(b) No underground steel everything is pe. NO cp. Used to have cp on steel still has records. It has been phased out		NA	
31.	192.453	CP carried out by qualified person: design, installation, operation, and maintenance No cp required		NA	
32.	192.465 & .491	Rectifiers. If so, test stations – Sufficient Number .469 No cp required whole system is pe		NA	
33.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed No cp required, whole system is pe all steel removed		NA	
34.	480-93-110(3)	CP equipment/ instrumentation maintained, tested for accuracy and calibrated. No cp required		NA	
35.	192.481	Atmospheric Corrosion: monitoring Have past records. Committed to continue doing in the future	x		
36.	192.721	Patrols conducted as required Done every time meters are read and patrol document every 3 months. Committed to document in future		x	
37.	192.747	Valves checked and serviced annually Have all past records. Committed to do continue doing in future,	x		