

Utilities and Transportation Commission

Standard Inspection Report for Intrastate Hazardous Liquid Systems

Records Review and Field Inspection

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.

A completed **Inspection Checklist, Cover Letter and Field Report, IMP and OQ Field Validation Forms** are to be submitted to the Chief Engineer within **30 days** from completion of the inspection.

Inspection Report			
Inspection ID/ Docket Number	6756		
Inspector Name & Submit Date	Dennis Ritter, 11/31/2016		
Chief Engineer Name & Review Date	Joe Subsits, 12/1/2016		
Operator Information			
Name of Operator:	Olympic Pipeline Company	OPID #:	30781
Name of Unit(s):	Intrastate Laterals		
Records Location:	Renton, WA		
Date(s) of Last Review:	11/17-11/20/2014	Inspection Date(s)	11/14-11/17/16

<p>Inspection Summary: Summary 11/14-Begin inspection Renton Station. Records Review O&M 11/15-Renton Station-Records Review, PA, Damage Prevention, Emergency Response/Training, CRM 11/16-Renton Station-Records Review, Corrosion Control, O&M 11/16-Field Seattle Lateral, SeaTac Lateral, Tacoma Lateral 11/17-Field Olympia Lateral, Vancouver Lateral</p>

HQ Address:		System/Unit Address:	
Co. Official:		Phone No.:	
Phone No.:		Fax No.:	
Fax No.:		Emergency Phone No.:	
Emergency Phone No.:			
Persons Interviewed	Title	Phone No.	
John Newhouse			
Kelli Gustofson			
Sandy Crawford			
Todd Smith			
Kurt Hyashida			
Jim Fraley			
Brian			
Isaac			

Have incident reports and the annual report been reviewed for accuracy and analyzed for trends and operator issues? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Comments: Reviewed annual report. Did note a mileage change for both inter and intra state lines. Had OPL clarify. They made a mistake and filed supplemental.

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UTC staff conducted abbreviated procedures inspection on 195 O&M and WAC items that changed since the last inspection. This checklist focuses on Records and Field items per a routine standard inspection.
 (check one below and enter appropriate date)

Team inspection was performed (Within the past five years.) or,	Date:	
Other UTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.) Dave Cullom Inspector	Date:	10/20/15

PART 199 DRUG and ALCOHOL TESTING REGULATIONS and PROCEDURES		S	U	NA	NC
Subparts A - C	Drug & Alcohol Testing & Misuse Prevention Program – Use PHMSA Form #13, Rev 3/19/2010. Do not ask the company to have a drug and alcohol expert available for this portion of your inspection.	X			

OIL POLLUTION ACT	Yes	No
Have you submitted your spill response plan to PHMSA for review? Letter of approval from PHMSA July 28, 2016 WDOE approval June 13, 2016	x	

Comments:

RECORDS REVIEW			S	U	NA	NC
CONVERSION TO SERVICE						
1.	195.5(a)(2)	All aboveground segments of the pipeline, and appropriately selected underground segments must be visually inspected for physical defects and operating conditions which reasonably could be expected to impair the strength or tightness of the pipeline. No conversions			x	
2.	195.5(c)	Pipeline Records (Life of System) No conversions			x	
3.		Pipeline Investigations No conversions			x	
4.		Pipeline Testing No conversions			x	
5.		Pipeline Repairs No conversions			x	
6.		Pipeline Replacements No conversions			x	
7.		Pipeline Alterations No conversions			x	
REGULATED RURAL GATHERING LINES			S	U	NA	NC
8.	195.11(a)	Operator has identified pipelines that are Regulated Rural Gathering Lines that meet all of the following criteria: (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No regulated gathering (1) nominal diameter from 6 5/8 inches to 8 5/8 inches; (2) located in or within one-quarter mile of a USA (3) operates at an MOP established under §195.406 that is: (i) greater than 20% SMYS; or (ii) if the stress level is unknown, or not steel; > 125 psig.			x	

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9.	195.11(b)	Operator has prepared written procedures to carry out the requirements of 195.11 . (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No regulated gathering <ul style="list-style-type: none"> • Subpart B Reporting • Corrosion Control • Damage Prevention • Public Awareness • Establish MAOP • Line Markers • Operator Qualification 			x	
10.	195.11(c)	If a new USA is identified after July 3, 2008, the operator must implement the requirements in paragraphs (b)(2 - 8), and (b)(11) for affected pipelines within 6 months of identification. For steel pipelines, comply with the deadlines in paragraphs (b)(9 & 10). No regulated gathering			x	
11.	195.11(d)	Operator must maintain: (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No regulated gathering <ol style="list-style-type: none"> (1) Segment identification records required in paragraph (b)(1) of this section and the records required to comply with (b)(10) of this section, for the life of the pipe. (2) Records necessary to demonstrate compliance (b)(2 – 9 & 11) of this section according to the record retention requirements of the referenced section or subpart. 			x	

Comments:

LOW-STRESS PIPELINES IN RURAL AREA			S	U	NA	NC
12.	195.12(a)	Operator has identified pipelines that are Regulated Low-stress Pipelines in Rural Areas that meet all of the following criteria: (except for those already covered by 49 CFR 195) (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No low stress lines <ol style="list-style-type: none"> (1) nominal diameter of 8 5/8 inches or more; (2) located in or within one-half mile of a USA (3) operates at an MOP established under §195.406 that is: <ol style="list-style-type: none"> (i) greater than 20% SMYS; or (ii) if the stress level is unknown, or not steel; > 125 psig. 			x	
13.	195.12(b)	Operator has prepared written procedures to carry out the requirements of 195.12 . (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No low stress lines <ul style="list-style-type: none"> • Subpart B Reporting • Establish Integrity Management Plan • All Part 195 Safety Requirements 			x	
14.	195.12 (c)(1)	Operator may notify PHMSA of economic burden. (Amt. Pub. 06/03/08 eff. 07/03/08). No low stress lines			x	
15.	195.12(d)	If, after July 3, 2008, a new USA is identified, the operator must implement the requirements in paragraphs (b)(2)(i) for affected pipelines within 12 months of identification. (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No low stress lines			x	
16.	195.12(d)	Operator must maintain: (Amt. 195-89, Pub. 06/03/08 eff. 07/03/08). No low stress lines <ol style="list-style-type: none"> (1) Segment identification records required in paragraph (b)(1) for the life of the pipeline. (2) Records necessary to demonstrate compliance (b)(2 – 4) according to the record retention requirements of the referenced section or subpart. 			x	

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Comments:	
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REPORTING						
17.	49 U.S.C. 60132, Subsection (b) ADB-03-02 ADB-08-07	Submission of Data to the National Pipeline Mapping System Under the Pipeline Safety Improvement Act of 2002 Do records indicate: NPMS submissions are updated every 12 months if system modifications (excludes distribution lines and gathering lines) occurred, and if no modifications occurred an email to that effect was submitted? Reviewed emails for NMPS submission for 2014, 2015, 2016.	x			
18.	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?	x			
19.	195.48/49	Complete and submit DOT Form PHMSA F 7000-1.1 for each type of hazardous liquid pipeline facility operated at the end of the previous year for each commodity, and each state a pipeline traverses by June 15 of each calendar year. Looked at all annual reports since last inspection	x			
20.	195.52	Immediate notice to NRC (800) 424-8802, or electronically at http://www.nrc.uscg.mil , of certain events, and additional report if significant new information becomes available. Operator must have a written procedure for calculating an initial estimate of the amount of product released in an accident. (Amdt. 195-95, 75 FR 72878, November 26, 2010, eff. 1/1/2011). none				x
21.	195.54(a)	Accident Report - file as soon as practicable, but no later than 30 days after discovery. Submittal must be electronically to http://portal.phmsa.dot.gov/pipeline (Amdt. 195-95, 75 FR 72878, November 26, 2010). None since last inspection				x
22.	195.54 (b)	Supplemental report - required within 30 days of information change/addition (DOT Form 7000-1) none since last inspection				x
23.	195.56(a)	SRC Report is required to be filed within five (5) working days of the determination and within ten (10) working days after discovery 195.56(a) (195.55(a)) None since last inspection				x
24.	195.56(b)	SRC Report requirements, including corrective actions (taken and planned). None since last inspection				x
25.	195.57	Do records indicate reports were submitted within 60 days of completing inspection of underwater pipelines? 195.413(a) (195.57) none				x
26.	195.59	Do records indicate reports were filed for abandoned offshore pipeline facilities or abandoned onshore pipeline facilities that crosses over, under or through a commercially navigable waterway? none				x
27.	195.64	Each operator must obtain an OPID, validate its OPIDs, and notify PHMSA of certain events at http://portal.phmsa.dot.gov/pipeline (Amdt. 195-95, 75 FR 72878, Nov.26, 2010, eff. 1/1/2011). Validated	x			
28.	480-75-610	Report construction for new pipelines (>100 feet) new pipe 45 days prior to new construction None since last inspection				X
29.	480-75-620	Was MOP changed based on hydrotest? Report submitted? No hydro testing				x
30.	480-75-630(1)	Telephonic Reports to UTC Pipeline Safety Incident Notification 1-888-321-9144 (Within 2 hours of discovery) for events which results in; None since last inspection. a) A fatality; (b) Personal injury requiring hospitalization; (c) Fire or explosion not intentionally set by the pipeline company; (d) Spills of five gallons or more of product from the pipeline; (e) Damage to the property of the pipeline company and others of a combined total cost exceeding twenty-five thousand dollars (automobile collisions and other equipment accidents not involving hazardous liquid or hazardous-liquid-handling equipment need not be reported under this rule); (f) A significant occurrence in the judgment of the pipeline company, even though it does not meet the criteria of (a) through (e) of this subsection; (g) The news media reports the occurrence, even though it does not meet the criteria of (a) through (f) of this subsection.				x

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31.	480-75-630(2)	Written reports to the commission within 30 calendar days of the incident. The report must include the following: None since last inspection a) Name(s) and address(es) of any person or persons injured or killed or whose property was damaged; (b) The extent of injuries and damage; (c) A description of the incident including date, time, and place; (d) A description and maximum operating pressure of the pipeline implicated in the incident and the system operating pressure at the time of the incident; (e) The date and time the pipeline returns to safe operations; and (f) The date, time, and type of any temporary or permanent repair.			x	
32.	480-75-630(3)	Telephonic notification within twenty-four hours of emergency situations including emergency shutdowns, material defects, or physical damage that impairs the serviceability of the pipeline. Seattle Lateral Spokane Bridge span repair. Oct 9, 2015	x			
33.	480-75-630(4)	Filing Reports of Damage to Hazardous Liquid Pipeline Facilities to the commission. (eff 4/1/2013) (Via the commission’s Virtual DIRT system or on-line damage reporting form)				
34.	480-75-630(4)(a)	Does the operator report to the commission the requirements set forth in RCW 19.122.053(3) (a) through (n) Note OPL has not had any damage due to third party dig ins but does follow the requirements if actual accident.	x			
35.	480-75-630(4)(b)	Does the operator report the name, address, and phone number of the person or entity that the company has reason to believe may have caused damage due to excavations conducted without facility locates first being completed? Note OPL has not had any damage due to third party dig ins but does follow the requirements if actual accident. OPL also keeps track of excavators working over their line and sends notice to UTC.	x			
36.	480-75-630(4)(c)	Does the operator retain all damage and damage claim records it creates related to damage events reported under 93-200(7)(b), including photographs and documentation supporting the conclusion that a facilities locate was not completed? Note OPL has not had any damage due to third party dig ins but does follow the requirements if actual accident. Note: Records maintained for two years and made available to the commission upon request.			x	
37.	480-75-630(5)	Does the operator provide the following information to excavators who damage hazardous liquid pipeline facilities?				
38.	480-75-630(5)(a)	<ul style="list-style-type: none"> Notification requirements for excavators under RCW 19.122.050(1) None on laterals 			x	
39.	480-75-630(5)(b)	<ul style="list-style-type: none"> A description of the excavator’s responsibilities for reporting damages under RCW 19.122.053; and None on laterals 			x	
40.	480-75-630(5)(c)	<ul style="list-style-type: none"> Information concerning the safety committee referenced under RCW 19.122.130, including committee contact information, and the process for filing a complaint with the safety committee. None on laterals 			x	
41.	480-75-630(6)	Reports to the commission only when the operator or its contractor observes or becomes aware of the following activities...None on laterals <ul style="list-style-type: none"> An excavator digs within thirty-five feet of a transmission pipeline, as defined by RCW 19.122.020(26) without first obtaining a facilities locate; (630(6)(a) A person intentionally damages or removes marks indicating the location or presence of hazardous liquid pipeline facilities. 630(6)(b) 			x	

Comments:

CONSTRUCTION	S	U	NA	NC
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42.	195.204	Construction Training/Qualification records including personnel who conduct visual inspections (e.g. inspectors of welds) Tacoma Junction Containment Project Welders Visual Inspectors: James Cargill, Ed Allard Task 38.1, 38.3	X			
43.	195.214(b)	Detailed Test Results to Qualify Welding Procedures and Qualifying tests Welding Procedure Specification PL-2B-1, 11/08/97 Welding Procedure Specification PL-2C, 6/11/96 Welding Procedure Specification PL-1C-1, 05/14/97	X			
44.	195.222(a)	Welders must be qualified in accordance with Section 6 of API Standard 1104 (20th edition 2005, including errata/addendum 7/2007 and errata 2 12/2008) or Section IX of the ASME Boiler and Pressure Vessel Code (2007 edition, July 1, 2007) , except that a welder qualified under an earlier edition than currently listed in 195.3 may weld, but may not requalify under that earlier edition. (Amdt 195-94 Pub. 8/11/10 eff. 10/01/10). Tacoma Junction Containment Project Jeff Sheridan, continuity weld process Greg Heath, continuity weld process Curtis Ary, tested onsite Pat Simmons, tested onsite	X			
45.	195.222(b)	Welders may not weld with a particular welding process unless, within the preceding 6 calendar months, the welder has (1) Engaged in welding with that process; and (2) Had one weld tested and found acceptable under Section 9 of API 1104. Snelson was contractor Jeff Sheridan, continuity weld process Greg Heath, continuity weld process	X			
46.	195.226(a)	Arc burns must be repaired. none			X	
47.	195.226(b)	If a notch is not repairable by grinding, a cylinder of the pipe containing the entire notch must be removed. Do arc burn repair procedures require verification of the removal of the metallurgical notch by nondestructive testing? (Ammonium Persulfate). USPL-GP-43-33-1 Welding of Pipelines to Code	X			
48.	195.226(c)	The ground wire may not be welded to the pipe/fitting being welded. USPL-GP-43-33-1 Welding of Pipelines to Code	X			
49.	195.228/.234	Do procedures require welds to be nondestructively tested to ensure their acceptability according to API 1104 and as per 195.228(b) and per the requirements of 195.234 in regard to the number of welds to be tested? USPL-GP-43-33-1 Welding of Pipelines to Code			X	
50.	195.234(b)	Nondestructive testing of welds performed: P195-234 Nondestructive Testing Tacoma Junction Containment Project (1) In accordance with written procedures for NDT (2) By qualified personnel (3) By a process that will indicate any defects that may affect the integrity of the weld	X			
51.	195.234(d) 195.266(a)	Do records demonstrate at least 10% of all welds that are made by each welder during each welding day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures? Procedure requires 100% testing in HCA. Tacoma Junction Containment Project 100%	X			
52.	195.234(e) 195.266(a)	Do records demonstrate all girth welds installed each day in selected locations specified in §195.234(e) are nondestructively tested over their entire circumference? Tacoma Junction Containment Project	X			
53.	195.234(f) 195.266(a)	Do records demonstrate that when installing used pipe, 100% of the old girth welds are nondestructively tested? No used pipe in this project			X	

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54.	195.234(g) 195.266(a)	Do records demonstrate 100% of the girth welds have been nondestructively tested at selected pipe tie-ins? Tacoma Junction Containment Project 2-14” welds and 1-8” weld	x			
55.	195.266	Construction Records maintained for life of pipeline Looked at “XMaps” showing most up to date line drawings for laterals, Seattle lateral repair, and Tacoma Junction replacement				
56.	195.266(b)	Amount, Location, Cover of each Size of Pipe Installed	x			
57.	195.266(c)	Location of each Crossing with another Pipeline	x			
58.	195.266(d)	Location of each buried Utility Crossing	x			
59.	195.266(e)	Location of Overhead Crossings no overhead crossings (pipe racks)			x	
60.	195.266(f)	Location of each Valve and Test Station	x			
PRESSURE TESTING			S	U	NA	NC
61.	195.302(a)	Pipelines, and each pipeline segment that has been relocated, replaced, or otherwise changed, must be pressure tested without leakage (see .302(b), .303, and .305(b) for exceptions) none since last inspection			x	
62.	195.302(b)/ .302(c)	Except for lines converted under §195.5, the following pipelines may be operated without having been pressure tested per Subpart E and without having established MOP under 195.406(a)(5) [80% of the 4 hour documented test pressure, or 80% of the 4 hour documented operating pressure]. - .302(b)(2)(ii): Any carbon dioxide pipeline constructed before July 12, 1991, that is located in a rural area as part of a production field distribution system. - .302(b)(3): Any low-stress pipeline constructed before August 11, 1994, that does not transport HVL. - .302(b)(4)/.303: Those portions of older hazardous liquid and carbon dioxide pipelines for which an operator has elected the risk-based alternative under §195.303 and which are not required to be tested based on the risk-based criteria. <i>Note: (An operator that elected to follow a risk-based alternative must have developed plans that included the method of testing and a schedule for the testing by December 7, 1998. The compliance deadlines for completion of testing are as shown in the table in §195.303, and in no case was testing to be completed later than 12/07/2004).</i>				
63.		Have all pipelines <u>other than those described above</u> been pressure tested per Subpart E? Tacoma Junction Containment Project Main station piping to 2178 psi. passed no leaks, maintained 4 hrs Tie in legs 14” mainline, 2110 psi passed no leaks, maintained 4 hrs	x			
64.		If pipelines <u>other than those described above</u> have not been pressure tested per Subpart E, has MOP been established under 195.406(a)(5), in accordance with .302(c)? none			x	
65.	195.304	Test pressure must be maintained for at least 4 continuous hours at a pressure equal to 125 percent, or more, of the MOP. If not visually inspected during the test, at least an additional 4 hours at 110 percent of MOP is required. Tacoma Junction Containment Project Main station piping to 2178 psi. passed no leaks, maintained 4 hrs, water Tie in legs 14” mainline, 2110 psi passed no leaks, maintained 4 hrs, water	x			

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66.	195.305(a)	All pipe, all attached fittings, including components, must be pressure tested in accordance with 195.302 . Note: A component, other than pipe, that is the only item being replaced or added to the pipeline system need not be hydrostatically tested under paragraph (a) of this section if the manufacturer certifies that either: (1) The component was hydrostatically tested at the factory; or (2) The component was manufactured under a quality control system that ensures each component is at least equal in strength to a prototype that was hydrostatically tested at the factory. Tacoma Junction Containment Project Main station piping to 2178 psi. passed no leaks, maintained 4 hrs included all fittings Tie in legs 14" mainline, 2110 psi passed no leaks, maintained 4 hrs Thunderco Control valve, 2267 psi, passed no leaks, maintained 4 hrs	x			
67.	195.305(b)	Manufacturer testing of components. Records available and adequate? Cameron Ball valves	x			
68.	195.306	Appropriate test medium	x			
69.	195.308	Pipe associated with tie-ins pressure tested? Tested in place	x			
70.	195.310(a)	Pipeline Test Records for useful life of facilities?	x			
71.	195.310(b)	Do test records required by paragraph (a) include:				
72.	195.310(b)(1)	Pressure recording charts	x			
73.	195.310(b)(2)	Test instrument calibration records	x			
74.	195.310(b)(3)	Name of operator, person responsible, test company used, if any	x			
75.	195.310(b)(4)	Date and time of test	x			
76.	195.310(b)(5)	Minimum test pressure	x			
77.	195.310(b)(6)	Test medium	x			
78.	195.310(b)(7)	Description of the facility tested and the apparatus	x			
79.	195.310(b)(8)	Explanation of any pressure discontinuities, including test failures that appear on the pressure recording charts.	x			
80.	195.310(b)(9)	Where elevation differences in the test section exceed 100 feet , a profile of the elevation over the entire length of the test section must be included no elevation difference			x	
81.	195.310(b)(10)	Temperature of the test medium or pipe during the test period	x			

Comments:

INTERNAL DESIGN PRESSURE PROCEDURES		S	U	NA	NC
.402(c)/.422	Internal design pressure for pipe in a pipeline is determined in accordance with the requirements of this section and the formula: $P = (2 \text{ St/D}) \times E \times F$. .106 USPL GP-43-0202 Calculating Maximum Operating Discharge Pressure (MODP)	x			

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OPERATION & MAINTENANCE		S	U	NA	NC
82.	195.402(a)	Annual Review of O&M Manual (1 per yr/15 months) OMER review last completed April 21, 2016		x	
83.		Appropriate parts must be kept at locations where O&M activities are conducted		x	
84.	195.402(c)(4)	Determination of Areas requiring immediate response for Failures or Malfunctions Laterals are all 100% in HCAs so immediate response for any abnormal condition		x	
85.	195.402(c)(5)	Pipeline accidents analyzed to determine their causes none			x
86.	195.402(c)(10)	Abandoning pipeline facilities, including safe disconnection from an operating pipeline system, purging of combustibles, and sealing abandoned environmental hazards. Reporting abandoned pipeline facilities offshore, or onshore crossing commercially navigable waterways per 195.59 no abandoned lines			x
87.	195.402(c)(12)	Establishment/Maintaining liaison with Fire, Police, and other Public Officials OPL attends all local emergency planning councils for King, Pierce, Lewis, Thurston, Clark counties. Also annual drills for each area. Reviewed table top and deployment drills for north, central and south response zones (includes King, Pierce, Thurston, Clark counties which are where laterals are located). These deployments are not specific to the laterals, but same personnel are involved based on deployment area. <ul style="list-style-type: none">• May Creek spill drill deployment and associated table top Aug 18-19, 2015• Sammamish River Central Area GRP SAMMR 0.6 Deployment Drill Oct 28, 2014• Owl Creek-South Area Deployment Drill March 11, 2015 Bybee Creek South area Deployment Drill Apr 6, 2016		x	
88.	195.402(c)(13)	Periodic review of personnel work – effectiveness of normal O&M procedures and corrective action when deficiencies are found. Reviewed Annual Work Procedures Review for 2014, 2015.		x	
89.	195.402(c)(15)	Implementing the applicable control room management procedures required by 195.446. (Amdt. 195-93, 74 FR 63310, December 3, 2009, eff. 2/1/2010). CRM inspection for OPL completed in 2013. Did not do a control room management audit during this standard intrastate inspection			x
90.	195.402(e)(1)	Records that indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures. Reviewed P1 alarms on laterals since last inspection-18 total. P1 alarms must be responded to in 5 min P2 15 min P3 30 min P4 >30 min P5 log only In OPL's case all are responded to within 5 minutes.		x	
91.	195.402(e)(2)	Prompt and effective response to each type of emergency Note: Review operator records of previous accidents and failures including third-party damage and leak response No emergencies reported since last inspection			x
92.	195.402(e)(7)	Records indicating that notifications were made to fire, police, and other appropriate public officials of hazardous liquid emergencies and were coordinated with preplanned and actual responses (including additional precautions necessary for an emergency involving HVLs)? Reviewed table top and deployment drills for north, central and south response zones (includes King, Pierce, Thurston, Clark counties which are where laterals are located). These deployments are not specific to the laterals, but same personnel are involved based on deployment area. <ul style="list-style-type: none">• May Creek spill drill deployment and associated table top Aug 18-19, 2015• Sammamish River Central Area GRP SAMMR 0.6 Deployment Drill Oct 28, 2014• Owl Creek-South Area Deployment Drill March 11, 2015• Bybee Creek South area Deployment Drill Apr 6, 2016		x	
93.	195.402(e)(9)	Post accident review of employees' activities to determine if procedures were effective and corrective action was taken? No emergencies reported since last inspection			x

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Records Review and Field Inspection

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94.	195.402(e)(10)	Actions to be taken by a controller during an emergency in accordance with 195.446 . (Amdt. 195-93, 74 FR 63310, December 3, 2009, eff. 2/1/2010). Per 195.446(b)(2) Operators appeared to have appropriately handled alarms as noted in control room log. Supervisor reviewed all logs and investigated.	x			
95.	195.403(a)	Records of operator provided training to its emergency response personnel as required Reviewed table top and deployment drills for north, central and south response zones (includes King, Pierce, Thurston, Clark counties which are where laterals are located). These deployments are not specific to the laterals, but same personnel are involved based on deployment area. <ul style="list-style-type: none"> • May Creek spill drill deployment and associated table top Aug 18-19, 2015 • Sammamish River Central Area GRP SAMMR 0.6 Deployment Drill Oct 28, 2014 • Owl Creek-South Area Deployment Drill March 11, 2015 • Bybee Creek South area Deployment Drill Apr 6, 2016 	x			
96.	195.403(b)(1)	Annual review with personnel on performance in meeting the objectives of the emergency response training program (1 per yr/15 months) Reviewed table top and deployment drills for north, central and south response zones (includes King, Pierce, Thurston, Clark counties which are where laterals are located). These deployments are not specific to the laterals, but same personnel are involved based on deployment area. <ul style="list-style-type: none"> • May Creek spill drill deployment and associated table top Aug 18-19, 2015 • Sammamish River Central Area GRP SAMMR 0.6 Deployment Drill Oct 28, 2014 • Owl Creek-South Area Deployment Drill March 11, 2015 Bybee Creek South area Deployment Drill Apr 6, 2016	x			
97.	195.403(b)(2)	Make appropriate changes to the emergency response training program (1 per yr/15 months) No changes to plan although more training on ICS this year			x	

Comments:

OPERATION & MAINTENANCE (Cont)			S	U	NA	NC
98.	195.403(c)	Verification of supervisor knowledge of emergency response procedures (1 per yr/15 months) In addition to drills and OPL ICS training, supervisors are the Team Leads and have specific role in ICS. Fire Pre-plans for all facilities. Most recent completed by Haines (consultant). All pre plans are similar format so all know their role in ICS. This plan is reviewed annual with local FD.	x			
99.	195.404(a)(1)	Maps and Records of the following facilities maintained and made available: <ul style="list-style-type: none"> i. Breakout tanks ii. Pump stations iii. Scraper and sphere facilities iv. Pipeline valves+ v. Facilities to which 195.402(c)(9) applies vi. Rights-of-way vii. Safety devices to which 195.428 applies 	x			

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
Records Review and Field Inspection

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100.	195.404(a)(2)	All crossings of public roads, railroads, rivers, buried utilities and foreign pipelines. Looked at “XMaps” showing most up to date line drawings for laterals	x			
101.	195.404(a)(3)	The maximum operating pressure of each pipeline in accordance with 195.406 Reviewed MODP letter for OPL (includes laterals) which is process to establish MODP based on USPL GP-43-0202.	x			
102.	195.404(a)(4)	The diameter, grade, type, and nominal wall thickness of all pipe. pipeline Looked at “XMaps” showing most up to date line drawings for laterals	x			
103.	195.404(b)(2) 195.402(d)(1)	Response to any emergency or abnormal operations applicable under 195.402 (maintained for at least 3yrs) as required by written procedures Looked at records back to 2014. OPL does not delete records in alarm system. Maximo work order 6287727 to review response. This was a valve failed to open due to an issue with valve at Vancouver DF.	x			
104.	195.404(b) 195.402(d)(5)	Periodic review of personnel work – effectiveness of abnormal operation procedures/corrective action taken when deficiencies found. Part of annual review of OMER, last completed April 16, 2016	x			
105.	195.404(c)(1)	The date, location, and description of each repair made on the pipe and maintain it for the life of the pipe. pipeline Looked at “XMaps” showing most up to date line drawings for laterals, Seattle lateral repair, and Tacoma Junction replacement	x			
106.	195.404(c)(2)	The date, location, and description of each repair made to parts of the pipeline system other than the pipe and maintain it for at least 1 year. pipeline Looked at “XMaps” showing most up to date line drawings for laterals, Seattle lateral repair, and Tacoma Junction replacement	x			
107.	195.404(c)(3)	Each inspection and test required by Subpart F shall be maintained for at least 2 years, or until the next inspection or test is performed, whichever is longer. pipeline Looked at “XMaps” showing most up to date line drawings for laterals, Seattle lateral repair, and Tacoma Junction replacement	x			
108.	195.406(a)/ .406(a)(1)	Except for surge pressures and other variations from normal operations, no operator shall operate a pipeline above the MOP, and the MOP may not exceed any of the following; <ul style="list-style-type: none"> • The internal design pressure of the pipe determined by 195.106. none reported or noted in check of P1 alarm logs since last inspection 	x			
109.	480-75-620	Change in MOP? Changed based on hydrotest? no change			x	
110.	195.408(b)	Records indicating emergency communication system(s) use was as required No actual emergencies, only drills. Reviewed the following <ul style="list-style-type: none"> • May Creek spill drill deployment and associated table top Aug 18-19, 2015 • Sammamish River Central Area GRP SAMMR 0.6 Deployment Drill Oct 28, 2014 • Owl Creek-South Area Deployment Drill March 11, 2015 • Bybee Creek South area Deployment Drill Apr 6, 2016 	x			
111.	195.412(a)	Operator must inspect the right-of-way at intervals not exceeding 3 weeks , but at least 26 times each calendar year Looked at 2014, 2015, 2016 records for aerial and ground patrols (they do both)	x			
112.	195.412(b)	Records indicating ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed Looked at 2014, 2015, 2016 records for aerial and ground patrols (they do both). No crossings under navigable waterways	x			
113.	480-75-640	Depth of cover surveys and mitigation Only SeaTac lateral is post code line to which this applies.	x			
114.	195.420(b)	Mainline valves inspected to determine that it is functioning properly at intervals not exceeding 7½ months , but at least twice each calendar year. Reviewed valves for 2014, 2015 and first half of 2016.	x			
115.	480-75-500	Pipe movement study per API 1117 none			x	
116.	195.428(a)	Insp. of overpressure safety devices (1 per yr/15 months non-HVL; 2 per yr/7½ months HVL) Reviewed 5 control valves for 2014, 2015, 2016 and pressure reliefs (surge and thermal)	x			
117.	195.428(b)	Inspection of Relief Devices on HVL Tanks (intervals NTE 5 yrs). No HVLs			x	

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
Records Review and Field Inspection

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118.	195.428(c)	Above ground breakout tanks that are constructed or significantly altered according to API Standard 2510 after October 2, 2000, must have an overfill protection system installed according to section 5.1.2 of API Standard 2510. Amt. 195-86 Pub. 06/09/06 eff. 07/10/06. All tanks constructed prior to Oct 2, 2000, but all have overfill protection systems. Tanks over 600 gallons (2271 liters) constructed or significantly altered after October 2, 2000, must have overfill protection according to API Recommended Practice 2350 unless operator noted in procedures manual (195.402) why compliance with API RP 2350 is not necessary for the safety of a particular breakout tank.	X			
119.	195.428(d)	Inspection of Overfill Systems (1 per yr/15 months non-HVL; 2 per yr/7½ months HVL) Reviewed 2014, 2015 and 2016.	X			
120.	480-75-300 (3)	Leak detection and alarm records Reviewed P1 alarm log for all since last inspection (19 total)	X			
121.	480-75-320	Surge analysis done? 2007 Advantica Surge Analysis—results showed analyses were completed for all laterals. Only issue was Vancouver Lateral, which required discharge pressure at Olympia Station and Castlerock Station to be reduced. This eliminated surge at Vancouver.	X			
122.	195.430	Inspection of Fire Fighting Equipment looked at in field	X			
123.	195.432(c)	Breakout Tanks: Inspect the physical integrity of in-service steel aboveground breakout tanks built to API Standard 2510 according to Section 6 of API 510 . Amt. 195-86 Pub. 06/09/06 eff 07/10/06. Note: For Break-out tank unit inspection, refer to Breakout Tank Form No 2510 tanks			X	

		PUBLIC AWARENESS PROGRAM PROCEDURES (In accordance with API RP 1162)			
		S	U	NA	NC
124.	195.440 (e & f)	PUBLIC AWARENESS PROGRAM			
		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.			
		Operators in existence on June 20, 2005, must have completed their written program no later than June 20, 2006 See Form W for detailed information.			
		API RP 1162 Baseline* Recommended Message Delivery Frequencies			
		Stakeholder Audience (Hazardous Liquid Operators)	Baseline Message Frequency (Starting from Effective Date of Plan)		
		Residence along right-of-way and Places of Congregation	2 Years		
		Emergency Officials	Annual		
		Public Officials	3 Years		
		Excavator and Contractors	Annual		
		One-Call Centers	As required of one-call center		
		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, record keeping, program evaluation, etc.			
125.	.440(g)		X		
		The program must be conducted in English and any other languages commonly understood by a significant number of the population in the operator's area. Spanish sent out with English. Only two zip codes with Spanish population above 10% on in Skagit one in Whatcom (not in lateral areas).			
126.	.440(i)	X			
		Records indicating that the continuing public education program evaluation process has been implemented and do records indicate that continuous improvement is being implemented see Form W for detailed info			

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
Records Review and Field Inspection

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Comments:

DAMAGE PREVENTION PROGRAM			S	U	NA	NC
127.	195.442(a)	Records indicating the damage prevention program is being carried out as written Looked at random selection of dig tickets (in DigTrack program) for all laterals from 2016, 2015. OPL Damage prevention personnel Kirk Preston Seattle Derek Martin Tacoma Dean Christianson Olympia Marlin Reinholdt, Vancouver	x			
128.	195.442(c)(1)	List of Current Excavators Paradigm maintains as part of HQ program	x			
129.	195.442(c)(2)	Notification of Public/Excavators Paradigm	x			
130.	195.442(c)(3)	Notifications of planned excavations. (One -Call Records) Looked at random selection of dig tickets (in DigTrack program) for all laterals from 2016, 2015. OPL Damage prevention personnel Kirk Preston Seattle Derek Martin Tacoma Dean Christianson Olympia Marlin Reinholdt, Vancouver	x			
131.	195.442(c)(4)	If the operator has buried pipelines in the area of excavation activity, provide for actual notification of persons who give notice of their intent to excavate of the type of temporary marking to be provided and how to identify the markings. Looked at random selection of dig tickets (in DigTrack program) for all laterals from 2016, 2015. OPL Damage prevention personnel Kirk Preston Seattle Derek Martin Tacoma Dean Christianson Olympia Marlin Reinholdt, Vancouver	x			
132.	195.442(c)(5)	Provide for temporary marking of buried pipelines in the area of excavation activity before, as far as practical, the activity begins. Looked at random selection of dig tickets (in DigTrack program) for all laterals from 2016, 2015. OPL Damage prevention personnel Kirk Preston Seattle Derek Martin Tacoma Dean Christianson Olympia Marlin Reinholdt, Vancouver	x			
133.	195.442(c)(6)	Provide as follows for inspection of pipelines that an operator has reason to believe could be damaged by excavation activities:				

Utilities and Transportation Commission

Standard Inspection Report for Intrastate Hazardous Liquid Systems

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134.		Is the inspection the done as frequently as necessary during and after the activities to verify the integrity of the pipeline? Looked at random selection of dig tickets (in DigTrack program) for all laterals from 2016, 2015. Also checked OQs. OPL Damage prevention personnel Kirk Preston Seattle Derek Martin Tacoma Dean Christianson Olympia 1. Marlin Reinholdt, Vancouver	x			
135.		2. In the case of blasting, does the inspection include leakage surveys? (required) no blasting			x	
136.		Does the operator review records of accidents and failures due to excavation damage to ensure causes of failures are addressed to minimize the possibility of reoccurrence? No accidents			x	
137.	OPERATOR QUALIFICATION					
138.	195.507(a) .507(b)	Are personnel properly <u>qualified</u> in accordance with the operator’s Operator Qualification plan and with federal and state requirements? Welders: Snelson was contractor Jeff Sheridan, continuity weld process Greg Heath, continuity weld process Patrolling: Dean Christensen Derek Martin Kirk Preston Martin Reinholdt Pilots: Adam Moore Doug Dixon Tank inspection and overfill alarms Jon Lazzarini-Seattle Darnell Richards-Tacoma John Hussey-Renton Brian Duran-Vancouver Shannon Ridge-Tacoma (prior to 2015 only overfill alarm qualified) Line locating and Marker inspection Derek Martin	x			
139.	195.507(a) .507(b)	Are qualification records available for contractor personnel that contain the required elements? Snelson was contractor Jeff Sheridan, continuity weld process Greg Heath, continuity weld process	x			

Comments:

CPM SYSTEMS	S	U	NA	NC
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Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
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140.		Each CPM system employed on a pipeline segment should be fully described and the documentation readily available for reference by the users and by those employees responsible for the maintenance and support of the CPM system				
141.	195.444	a. General Information (this information is usually available as a part of normal Control Center information). Reviewed MODP letter, line maps, system inputs, PLDS training information for controllers and dynamic thresholds (higher in shorter time for larger leaks). b. A system map, profile and detailed physical description for each pipeline segment. c. A summary of the characteristics of each product transported.	x			
142.		CPM Specific Information:				
143.	195.444	a. A tabulation of the inputs used in the CPM procedure for each pipeline segment. b. A general description of the CPM outlining its principles of operation. c. A list of special considerations or step-by-step procedures to be used in evaluating CPM results and for requesting assistance with alarm evaluation, e.g., on-call support phone numbers where this systems is implemented. Reviewed inputs to model. Reviewed PLDS training material that control room operators get. Review PIE information and alarms to evaluate. Controllers do not evaluate. Sandy or Todd do the evaluation. (get titles).	x			
144.		d. Details of the expected performance of the leak detection system under normal and line upset conditions; and the effects of system degradation on the leak detection results. All leaks are P1 alarms. System will give a threshold flow amount. System can perform in single digit percent of flow detection. Reviewed an alarm showing 1% of flow for Portland DF surge into tank at 90 bbls. e. CPM pipeline controller training manuals or information. PLDS Training Course f. CPM alarm thresholds for the various applications. Dynamic thresholds. Compares actual flows to calculated flows based on pressure, temperature, API gravity (product).	x			

Comments:

CORROSION CONTROL			S	U	NA	NC
145.	195.589(c) 195.555	Supervisors maintain thorough knowledge of corrosion procedures. Corrosion Control Procedure P195.551 requires supervisors to have NACE Level 2 and 10 years experience	x			
146.	195.589(c) 195.567(c)	Test lead maintenance / Frequent enough intervals Reviewed ILI-CPDM Casing Indication Correlation Project Plan status. 36 of 120 were on laterals. Added 7 casings to laterals in 2016, 2 in 2015 for a total of 9 additional.	x			
147.	480-75-510	Corrosion remediation within 90 days Vancouver DF Idled line to NuStar vault. Went through depole process. Result was had to order new rectifier. Ordered 4 weeks ago.	x			

Utilities and Transportation Commission

Standard Inspection Report for Intrastate Hazardous Liquid Systems

Records Review and Field Inspection

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148.	195.589(c) 195.569	<p>Inspection of Exposed Buried Pipelines (External Corrosion) Reviewed several USPL DRW-010-005 Forms:</p> <p>Olympia Lateral MP 11.1-bad test lead, -1172mV coating good</p> <p>Seattle Lateral MP 2.9 new test station installed –no PSP shown, but found the read on actual field paperwork</p> <p>Seattle Lateral MP 3 New test station installed -2115mV</p> <p>Seattle Lateral MP 9.8 New test station installed –no PSP shown, but was a test station and read was taken the following month.</p> <p>According to John Newhouse, OPL’s procedure, P195.551 Section IX, does not require a PSP read must be taken. It states that the coating and pipe must be inspected for signs of external corrosion. These digs were both to install a new test station at an existing casing, so a PSP read was taken after the leads were attached.</p>	x			
149.	195.589(c) 195.573(a)(1)	<p>External Corrosion Control, Protected Pipelines Annual CP tests (1 per yr/15 months)</p> <p>Reviewed Tacoma DF, Tacoma Lateral, Seattle DF, Seattle Lateral, SeaTac Lateral, Renton Station, Olympia Lateral, Olympia Station Vancouver Junction, Vancouver Lateral, Vancouver DF: 2016, 2015</p>	x			
150.	195.589(c) 195.573(a)(2)	<p>Close Interval Surveys - when circumstances dictated a need for surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys? None since last inspection. Scheduled for 2017</p>			x	
151.	195.589(c) 195.573(b)(1) & (2)	<p>External Corrosion Control, Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/NTE 39 months) No unprotected pipe</p>			x	
152.	195.589(c) 195.573(c)	<p>Interference Bonds, reverse current switches, diodes, rectifiers</p> <p>Reviewed Tacoma DF, Tacoma Lateral, Seattle DF, Seattle Lateral, SeaTac Lateral, Renton Station, Olympia Lateral, Olympia Station Vancouver Junction, Vancouver Lateral, Vancouver DF: 2016, 2015</p>	x			
153.	195.589(c) 195.573(e)	<p>Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control? Vancouver DF Idled line to NuStar vault. Went through depole process. Result was had to order new rectifier. Ordered 4 weeks ago.</p>	x			
154.	195.589(c) 195.575(a-d)	<p>Electrical isolation inspection, testing and monitoring (if applicable)</p> <p>Reviewed Tacoma DF, Tacoma Lateral, Seattle DF, Seattle Lateral, SeaTac Lateral, Renton Station, Olympia Lateral, Olympia Station Vancouver Junction, Vancouver Lateral, Vancouver DF: 2016, 2015</p>	x			
155.	195.589(c) 195.577(a)	<p>Testing for Interference Currents</p> <p>Reviewed Tacoma DF, Tacoma Lateral, Seattle DF, Seattle Lateral, SeaTac Lateral, Renton Station, Olympia Lateral, Olympia Station Vancouver Junction, Vancouver Lateral, Vancouver DF: 2016. Prior to 2016 only took reads on areas of known AC interference (HVAC corridors, substations etc). All AC interference areas that were on previous listing of CP projects have been completed</p>	x			
156.	195.589(c) 195.579(a)	<p>Corrosive effects investigation None since last inspection (refined products line, very little if any corrosion)</p>			x	
157.	195.589(c) 195.579(b)	<p>Examination of Coupons/Other Types of Internal Corrosion Monitoring Equipment (2 per yr/NTE 7½ months) None since last inspection (refined products line, very little if any corrosion)</p>			x	
158.	195.589(c) 195.579(b)(1-3)	<p>Corrosion inhibitors used in sufficient quantities Corrosion inhibitors are injected at the refineries. No evidence of corrosion downstream including the laterals.</p>	x			
159.	195.589(c) 195.579(a)(c)	<p>Inspection of Removed Pipe for Internal Corrosion Tacoma DF construction project—tie ins to existing 14” —North, south. Jim Cargill was inspector. OQ was good on Cargill for this inspection</p>	x			

Utilities and Transportation Commission

Standard Inspection Report for Intrastate Hazardous Liquid Systems

Records Review and Field Inspection

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160.	195.589(c) 195.583(a-c)	Atmos. Corr. Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) Reviewed: Tacoma DF Tacoma Lateral-TJ Launcher--transition condition inadequate-needs to be repaired by next inspection cycle Seattle DF-incoming trap- transition condition inadequate-needs to be repaired by next inspection cycle Seattle Lateral- Dynatrol in KM facility-transition condition inadequate-needs to be repaired by next inspection cycle Seatac Lateral-receiver- transition condition inadequate-needs to be repaired by next inspection cycle Vancouver junction Vancouver DF- Sump, truck fill, transmix pump, Tesoro delivery 8"-transition condition inadequate-needs to be repaired by next inspection cycle Olympia Station- sump piping-transition condition inadequate-needs to be repaired by next inspection cycle Renton Station	x			
161.	195.589(c) 195.585(a)	General Corrosion – Reduce MOP or repair ; ASME B31G or RSTRENG			x	
162.	195.585(b)	Localized Corrosion Pitting – replace, repair, reduce MOP Seattle Lateral at Spokane Street Bridge-installed Type Sleeve	x			
163.	195.589(a)&(b) 195.563(a)	Cathodic Protection Do records document when cathodic protection was operational on constructed, relocated, replaced, or otherwise changed pipelines within the last 5 years? (Maps showing anode location, test stations, CP systems, protected pipelines, etc.) none			x	

Comments:

FIELD REVIEW			S	U	N/A	N/C
164.	195.262(a)	Has adequate ventilation been provided at pump station buildings? No buildings, use line pressure			x	
165.	195.262(a)	Have warning devices that warn of the presence of hazardous vapors been installed at new pump station buildings? No buildings, use line pressure			x	
166.	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	x			
167.	195.262(b)	If power is needed to actuate safety devices, has an auxiliary power supply been provided? Backup generators at all stations	x			
168.	195.262(b)	Have safety devices been installed to prevent over-pressuring new or modified pumping equipment? No changes			x	
169.	195.262(d)	Has on-shore pumping equipment been installed on property under the control of the operator and is that equipment at least 50 feet from the boundary of that property?	x			
170.	195.262(e)	Has motive power, separate from pump station power, been provided for that fire protection equipment that incorporates pumps? None at stations			x	
171.	195.302	Is pressure testing being adequately conducted? (.304, .305, .306, .307) did not witness			x	
172.	195.308	Pre-pressure Testing Pipe - Marking and Inventory Tacoma and Vancouver for south, Allen Station for north	x			
173.	195.402(c)(13)	Protect of personnel from hazards of unsafe accumulations of vapor or gas, at the excavation site. Did not witness			x	

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
Records Review and Field Inspection

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FIELD REVIEW			S	U	N/A	N/C
174.	195.403(c)	Supervisor Knowledge of Emergency Response Procedures at every facility went through this procedure with supervisor and technicians	x			
175.	195.410	Are line markers placed and maintained as required? 195.410(a) (195.410(b); 195.410(c); CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20) no issues noted	x			
176.	480-75-540	Markers at exposed areas no exposures			x	
177.	195.412	Are the ROW conditions acceptable for the type of patrolling used? Aerial and by vehicle	x			
178.	195.420 (a), (b)	Valve Maintenance & Operation	x			
179.	195.420(c)	Valve Protection from Unauthorized Operation and Vandalism	x			
180.	195.426	Are launchers and receivers equipped with relief devices?	x			
181.	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	x			
182.	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly? No HVLs			x	
183.	195.428(c)	Do selected overfill protection systems on aboveground breakout tanks that were constructed or significantly altered after October 2, 2000 function properly and are they in good mechanical condition? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.] No constructed or altered tanks			x	
184.	480-75-320	Relief Device set at or below MOP did not check reliefs as line was running				x

Comments:

FIELD REVIEW (Cont)			S	U	N/A	N/C
185.	480-75-300	Leak Detection – 8% in 15 Minutes- did not check leak detection system				x
186.	480-75-300	Leak detection at flow and no flow conditions- did not check leak detection system				x
187.	195.430	Has adequate fire protection equipment been installed at pump station/breakout tank areas and is it maintained properly? (195.430(a) (195.430(b); 195.430(c); 195.262(e))	x			
188.	195.432	Breakout Tanks	x			
189.	480-75-330	Do Breakout Tanks have independent overfill alarms?	x			
190.	195.434	Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?	x			
191.	195.436	Security - Pumping Stations - Breakout Tanks	x			
192.	195.438	Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?	x			
193.	195.446(a)	Is the SCADA display representative of the system configuration? 195.404(a) (195.505(f); 195.446(h)) did not check SCADA displays or control room				x
194.	195.446(b)	Do operating personnel know the MOP of respective pump stations and associated alarm settings?	x			
195.	195.446(h)	Do controllers demonstrate adequate skills and knowledge? 195.505(b) (195.446(g)(2)) did not check SCADA displays or control room				x

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Hazardous Liquid Systems
Records Review and Field Inspection

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196.	195.501-195.509	Important: Per OPS, the OQ Field Inspection Protocol Form 15 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 located at http://primis.phmsa.dot.gov/oqdb/home Form Completed/Uploaded? Y/N Y			
197.	195.571	Cathodic Protection (test station readings, other locations to ensure adequate CP levels)	x		
198.	195.573	Are rectifiers, interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?	x		
199.	195.575	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit? 195.575(a) (195.575(b); 195.575(c); 195.575(d))	x		
200.	195.583	Atmospheric corrosion - Exposed pipeline components, (splash zones, water spans, soil/air interface, under thermal insulation, disbanded coatings, pipe supports, deck penetrations, etc.) 195.583(c) (195.581(a)) Seattle DF pipe support		x	

Comments:

Recent PHMSA Advisory Bulletins (Last 2 years)

<u>Number</u>	<u>Date</u>	<u>Subject</u>
ADB-2013-07	July 12, 13	Potential for Damage to Pipeline Facilities Caused by Flooding
ADB-12-10	Dec 5, 12	Using Meaningful Metrics in Conducting Integrity Management Program Evaluations
ADB-12-09	Oct 11, 12	Communication During Emergency Situations
ADB-12-08	Jul 31, 12	Inspection and Protection of Pipeline Facilities After Railway Accidents
ADB -12-06	May 7, 12	Verification of Records Establishing MAOP and MOP.
ADB-12-04	Mar 21, 12	Implementation of the National Registry of Pipeline and Liquefied Natural Gas Operators
ADB -12-03	Mar 6, 12	Notice to Operators of Driscopipe 8000 High Density Polyethylene Pipe of the Potential for Material Degradation

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