

<b>Name of Operator:</b>	<b>Ferndale Pipeline System</b>	<b>Insp. 6220</b>
<b>OPID No. 570</b>	<b>Unit ID No.</b>	
<b>HQ Address:</b>	<b>System/Unit Name &amp; Address:</b>	
<b>BP Pipelines (North America) Inc. 150 W. Warrenville Road Naperville, IL 60563</b>	<b>Ferndale Pipeline System 14789 Ovenell Road, Mount Vernon, WA 98273</b>	
<b>Operator Official: John Newhouse Title: DOT Compliance Advisor Phone: 630-536-2549 Emergency Phone/Cell:</b>	<b>Address: City: State: Zip Code:</b>	
<b>Persons Interviewed</b>	<b>Title</b>	<b>Phone No.</b>
<b>Joe Fraley</b>	<b>North Area Core Team Lead</b>	<b>360-428-4214</b>
<b>Ross Degerstedt</b>	<b>Corrosion Lead</b>	<b>425-981-2532</b>
<b>Troy Dellinger</b>	<b>Corrosion Specialist</b>	<b>425-981-2573</b>
<b>Brian Stone</b>	<b>Corrosion Team Lead</b>	<b>563-556-1538</b>
<b>Kevin Washington</b>	<b>EMI</b>	
<b>Adam Groves</b>	<b>OMO</b>	
<b>State Representative(s): Anthony Dorrrough/ Dennis Ritter</b>		
<b>Inspection Date(s) 07/22/2015</b>		
<b>Records Location:</b>		

<b>Unit Description:</b>
<p>The pipeline starts at Sumas Station on the US/Canadian Border. Sumas station is West of the intersection of State Route 9 (in Sumas) and the Canadian Border. This station is located between gate stations for Cascade Natural Gas and Puget Sound Energy and is within 500-ft. of Williams's gas compressor station. From Sumas Station the pipeline is laid out in a SW direction until just South of the Border. From that point the pipeline proceeds West paralleling the Cascade Pipeline. The line then turns SW to the meter station on the East side of the BP Cherry Point Refinery. After the meter station at the Refinery the pipeline continues South Southwest to Alcoa's Intalco aluminum smelter.</p>
<b>Portion of Unit Inspected:</b>
<p>The inspection started at the Sumas gate station (MP 0) and terminated at the Alcoa Intalco aluminum smelter in Ferndale (MP 36.2, the end of the pipeline). All block valve locations were inspected and CP readings were taken. Rectifier #200 was inspected and CP readings taken. All terminus points were inspected (Cherry Point and Intalco). There are three HCA areas along the 36.2 mile length of the pipeline. One is the contractor parking and trailer area at the BP refinery; the second is strip commercial area in Ferndale near the crossing with I-5; and the third is a large greenhouse complex within 100 yards of the pipeline near Lynden. Two of the HCAs identified by the operator were visited during this inspection. All are properly classified as HCAs. All block valves except Block Valve 2 were operated manually to the closed position by imparting a pressure differential across the valve (it auto closes when it senses a 50 psi difference). All valves shut properly. The Tulsa control center remotely shut all of the valves and again they worked properly. All CP reads were OK per the criteria--greater (negative) than -850mV and all reads at rectifiers were acceptable. Records also indicated no issues.</p>

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**Sat+ - Exceeds requirements/exemplary performance**  
**Sat - Meets requirements**  
**Con - "Concern" meets requirements, but is an area of recommendation and/or area that if not addressed may lead to non-compliance**  
**Unsat - Does not meet requirements**  
**N/A - Not Applicable**  
**N/C - Not Checked**

## Training and Qualification - OQ Protocol 9

**1. Covered Task Performance (detail)** *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures. (TQ.PROT9.TASKPERFORMANCE.O) (detail)*

192.801(a) (192.809(a))	<b>Sat+</b>	<b>Sat</b> <span style="color: green; font-weight: bold;">X</span>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
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<b>Notes</b>
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**2. Qualification Status (detail)** *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks. (TQ.PROT9.QUALIFICATIONSTATUS.O) (detail)*

192.801(a) (192.809(a))	<b>Sat+</b>	<b>Sat</b> <span style="color: green; font-weight: bold;">X</span>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
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<b>Notes</b>
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**3. Abnormal Operating Condition Recognition and Reaction (detail)** *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed. (TQ.PROT9.AOCRECOG.O) (detail)*

192.801(a) (192.809(a))	<b>Sat+</b>	<b>Sat</b> <span style="color: green; font-weight: bold;">X</span>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
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<b>Notes</b>
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**4. Verification of Qualification (detail)** *Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance. (TQ.PROT9.VERIFYQUAL.O) (detail)*

192.801(a) (192.809(a))	<b>Sat+</b>	<b>Sat</b> <span style="color: green; font-weight: bold;">X</span>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
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<b>Notes</b>
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**5. Program Inspection Deficiencies (detail)** *Have potential issues identified by the headquarters inspection process been corrected at the operational level?* (TQ.PROT9.CORRECTION.O) (detail)

192.801(a) (192.809(a))	<b>Sat+</b>	<b>Sat</b> <span style="color: green; font-weight: normal;">X</span>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
<b>Notes</b>						

**Acceptable Use:** Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.