Name of Operator:	McChord Pipeline Co.		
OPID No. 31049		**Unit ID No.**	
HQ Address:		**System/Unit Name & Address:**	
3001 Marshall Avenue Tacoma, WA 98421			
Operator Official: Daniel H. Yoder **Title:** President **Phone:** 253-680-3220 **Emergency Phone/Cell:**		**Address:** **City:** **State:** **Zip Code:**	

Persons Interviewed	Title	Phone No.
Nicholas Peelo	Chief Engineer	253-680-6658
John Williamson	Senior Inspector	253-593-6085

State Representative(s):Dennis Ritter, Scott Anderson **Inspection Date(s) August 10, 2016**

Records Location:

Unit Description:

(Background data from AJ inspection) The McChord Pipeline is a buried intrastate pipeline 14.25 miles in length, constructed in 1966 with 6-inch nominal steel pipe grade B, wall thickness of 0.188 inch to 0.432 inch. The pipeline has a 720 psig MOP (36% SMYS) with a normal operating pressure at 450 psig (21% SMYS). The pipeline is divided into four sections with isolation valves between each section. The entire pipeline is within a HCA with about 400 foot elevation differential. The pipeline transport jet fuel from US Oil Refinery located in Tacoma near Commencement Bay to the McChord Air Base storage facility. Jurisdiction begins at the pump suction valves (P-1401) and ends at the custody transfer manifold valves downstream of the meters at McChord Air Force Base. The pipeline was hydrostatically tested in 1996, inline inspected in 2004 (GE pig), and MFL pig completed in 2009; Baker Hughes completed a MFL tool run in 2013/

Portion of Unit Inspected:

8/08/16-Inspection start date. Arrived on site with Scott Anderson. Reviewed purpose of inspection and general overview of week. Today and tomorrow will be focused on records, with a field day on Wednesday.
Reviewed records as noted below to answer questions in checklist. No deficiencies noted.
8/08/16-Continued answering questions. No deficiencies noted.
8/09/16-Field review of assets.

- Pump station on US Oil & Refining
- R/W patrol
- Above ground valve and operation, MP 2.5
- Rectifier read and inspect

No deficiencies noted, however, suggested additional markers along pipeline route would be a good preventative measure.

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

Operator Qualification Field Inspection - OQ Protocol 9

1. Covered Task Performance *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) 195.501(a) (195.509(a))

Notes
SAT

John Williamson, Senior Inspector

- Inspected and operated inline valve at MP 2.5.

  Identified AOCs and recognized normal operation of valve.

- Right of way patrol

  Identified potential trouble areas based on previous experience (homeless camps), as well as marker location, previous locates and current locates (none near pipeline). AOCs identified. I-5 construction and mitigation on pipeline: set up a benchmark to monitor settling with real time monitoring with camera and theodolite measuring vertical datum. If measurement drops by more than prescribed amount, shuts off pipeline.

- Rectifier inspect and read

  Identified rectifier AOCs and normal operation. Checked dial readouts and marked in book. Checked value to ensure not outside "normal" range. Does not take PSP reads. Northwest Corrosion does this.

2. Qualification Status *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.* (TQ.PROT9.QUALIFICATIONSTATUS.O) (detail) 195.501(a) (195.509(a))

Notes
SAT

OQ qualifications checked and up to date for John Williamson

3. Abnormal Operating Condition Recognition and Reaction *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.* (TQ.PROT9.AOCRECOG.O) (detail) 195.501(a) (195.509(a))

Notes
SAT (see question 1)

4. Verification of Qualification *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) 195.501(a) (195.509(a))

Notes
SAT

Checked for John Williamson

5. Program Inspection Deficiencies *Have potential issues identified by the headquarters inspection process been corrected at the operational level?* (TQ.PROT9.CORRECTION.O) (detail) 195.501(a) (195.509(a))

Notes
N/A

None previously identified