

Field Data Collection

(Follow-up to 2010 Standard Inspection Docket: 100016)

Company: TransCanada Gas Transmission Northwest (GTN), OPID # 15014

Unit: Wallula District, Unit #3605

Inspector: Al Jones/UTC

Pipe-to-soil potential readings and other items

Please note: The A and B pipelines are 36 and 42 inch diameter, respectively.

Date	Location	Pipe (Volts DC)	Casing (Volts DC)	Comments
3/16/2011	MP 220.9 Welch Road Rectifier Manufacture: Universal Serial #: 103058, Model: ASAI See Photo in Exhibit - A	A-Line: -1.818 v on B-Line: -1.540 v on	n/a	Existing ground bed installed, April 1982. Rectifier output: 12.19 v DC, 1.98 Amps Note: the positive wire to the ground beds <u>has been</u> labeled per PHMSA Notice.
3/16/2011	MP 224.2 Clyde Rectifier Babcock Road (also called Sheffler Rd.) See Photo in Exhibit - A	A-Line: -1.382 v on B-Line: -1.402 v on	A-Line: -0.215 v B-Line: No casing	Existing ground bed installed in 1977. Rectifier output: 12.08 v DC, 4.36 Amps.
3/16/2011	MP 225.3 Main Line Valve 7-1	A-Line: -1.145 v on	n/a	Mag Anode Output: +0.5 vm
3/16/2011	MP 228.3 Harsell Road Test Station	A-Line: -0.938 v on B-Line: -1.135 v on	n/a	This test station is the southernmost pipe segment (MPs 228.17 -- 228.45) from the Clyde Rectifier (MP 224.2).