## Exhibit "C"

## Field Data Collection

(2010 Standard Inspection)

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.

		Pipe	Casing	
Date	Location	(Volts DC)	(Volts DC)	Comments
8/25/2010	MP 206.8	-1.067 on	-0.204	All CP potential were taken by Brett
	B-Line	-0.948 off		Huntley, GTN field technician.
	Snake River at Hwy 261			
8/25	MP 207.0	-1.089 on	-0.286	
	B-Line	-0.946 off		
	Abandoned RR Xing	*		
8/25	MP 206.7	-1.014 on	-0.370	
	A-Line, Snake River	-0.924 off		
•	Grain Elevator			
8/25	MP 206.8	-0.938 on	-0.388	
	A-Line, Hwy 261 Xing	-0.840 off		
8/25	MP 208.8	14.8 vDC		New Deep Well
	Starbuck Rectifier on	5.3 Amps		
	Fletcher Rd.	C-1, F-5		Note: Since the last inspection, the
				positive wire to the ground beds <u>has</u>
	·			been labeled per PHMSA Notice.
8/25	MP 211.8	-1.308 on		
	A-Line,	-1.217off		
	Lyons Ferry Rd.			
8/25	MP 211.8	-1.323 on		
	B-Line,	-1.222 off		
	Lyons Ferry Rd.			

		Pipe	Casing	
Date	Location	(Volts DC)	(Volts DC)	Comments
8/25	MP 212.5			Circuits for Station Anode Beds:
	Starbuck Compressor			Settings, vDC, Amps
	Station # 7	41.96		#1: C-F, F-7, 58.7, 12.4
	Rectifier for anode flex	Amps		#2: C-F, F-7, 58.6, 8.04
	beds are placed along			#3: C-F, F-7, 59.0, 6.14
	station piping.			#4: C-F, F-4, 34.1, 6.55
				#5: C-F, F-7, 58.1, 8.83
8/25	MP 212.5			
	Starbuck Comp. Sta. #7			·
	Test Pt. (TP) #32	-4.02 v on		< B-Line Inlet, Suction
	TP #1	-2.01 v on		< B-Line
	TP #7	-2.23 v on		< A-Line
	TP #24	-1.83 v on		
8/25	MP 212.5			Circuits for Discharge Anode Beds:
	Starbuck Compressor			Settings, vDC, Amps
	Station #7			#22: C-1, F-2, 1.146, 1.82
	Rectifier for anode flex			#23: C-1, F-2, 0.868, 2.04
	beds placed along the			#24: C-1, F-2, 1.193, 1.70
	discharge piping.	5.4 Amps		#25: C-1, F-2, 4.650, 0
				Note: Since the last inspection, the
				positive wire to the ground beds <u>has</u>
				been labeled per PHMSA Notice.
8/25	MP 212.5			
	Starbuck Compressor			Tested two gas and fire sensors in
	Station #7			Compressor Buildings C.
	Two Rolls-Royce			
	Turbines:			Discharge Gas Temp: 95 deg. F
	Avon at12,500hp and			Inlet to cooler Gas Temp: 101 deg. F
	RB-211 at 39,000hp.			
	Gas piping to Auxiliary			
	Power Supply TP #30	-3.38 v on		
0/05	1500105			
8/25	MP 218.7			
	Welch Road,			
	A-Line	-1.364v on		
	B-Line	-1.147v on	]	

_	_	Pipe	Casing	
Date	Location	(Volts DC)	(Volts DC)	Comments
8/26	MP 220.9			Circuits for <b>NORTH</b> Anode Beds:
	Welch Road,	10.13 vDC		Settings, vDC, Amps
	NORTH Rectifier for	22.8 Amps		#43: C-1, F-3, 6.49, 2.11
	anode flex beds placed	C-1, F-3		#44: C-1, F-3, 8.55, 2.33
	along the pipelines.			#45: C-1, F-3, 8.62, 2.17
			]	#46: C-1, F-3, 4.99, 1.81
				#47: C-1, F-3, 7.17, 3.41
				#48: C-1, F-3, 6.28, 2.29
				#49: C-1, F-3, 4.40, 2.74
	·			#50: C-1, F-3, 3.98, 2.98
				#51: C-1, F-3, 2.94, 3.02
				Note: Since the last inspection, the
				positive wire to the ground beds has
				been labeled per PHMSA Notice.
8/26	MP 220.9			Circuits for <b>SOUTH</b> Anode Beds:
0,20	Welch Road,	10.15 vDC		Settings, vDC, Amps
	SOUTH Rectifier for	15.6 Amps		#52: C-1, F-3, 2.48, 3.23
	anode flex beds placed	C-1, F-3		#52: C-1, F-3, 2.48, 3.23 #53: C-1, F-3, 3.08, 2.72
	along the pipelines.	C-1, 1-5		#54: C-1, F-3, 4.23, 2.78
	along the piperines.			#55: C-1, F-3, 4.23, 2.76
				,
	1			#56: C-1, F-3, 5.88, 2.61
				#57: C-1, F-3, 6.70, 2.71
				Note: Since the last inspection, the
				positive wire to the ground beds has
0.10.6	150.001.0		ļ	been labeled per PHMSA Notice.
8/26	MP 224.2			Circuits for <b>NORTH</b> Anode Beds:
	Babcock Rectifier			Settings, vDC, Amps
				#58: C-1, F-2, 3.92, 1.33
				#59: C-1, F-2, 3.53, 1.37
				#60: C-1, F-2, 3.01, 1.36
				#61: C-1, F-2, 2.36, 1.16
·				#62: C-1, F-2, 2.04, 1.17
				#63: C-1, F-2, 2.13, 1.45

		Pipe	Casing	
Date	Location	(Volts DC)	(Volts DC)	Comments
8/26	MP 224.2	(1313.2.7)	(* 333 2 2)	Circuits for <b>SOUTH</b> Anode Beds:
	Babcock Rectifier			Settings, vDC, Amps
		-		#64: C-1, F-2, 1.63, 1.81
				#65: C-1, F-2, 2.02, 1.59
				#66: C-1, F-2, 2.67, 1.34
				#67: C-1, F-2, 2.91, 1.32
				#68: C-1, F-2, 3.34, 1.32
	•			#69: C-1, F-2, 4.40, 1.52
				#70: C-1, F-2, 4.93, 1.56
				#71: C-1, F-2, 4.56, 1.24
				#72: C-1, F-2, 4.35, 1.12
				#73: C-1, F-2, 5.07, 1.10
	·			#75. C-1,1-2, 5.07, 1.10
8/26	MP 224.2			
	Line-A	-0.969	-0.263	
	Line-B	-1.033		
8/26	MP 229.9			Circuits for <b>NORTH</b> Anode Beds:
	Greenville Rd. NORTH	10.28 vDC		Settings, vDC, Amps
	Rectifier for anode flex	12.8Amps		#74: C-1, F-3, 8.24, 1.97
	beds placed along the	C-1, F-3		#75: C-1, F-3, 8.41, 0
	pipelines.			#76: C-1, F-3, 8.41, 0
				#77: C-1, F-3, 5.87, 2.32
				#78: C-1, F-3, 8.41, 0
	· ·			#79: C-1, F-3, 4.05, 1.48
				#80: C-1, F-3, 3.86, 1.58
				#81: C-1, F-3, 2.50, 1.73
				#82: C-1, F-3, 2.90, 1.92
				#83: C-1, F-3, 1.03, 2.04
				Note: Since the last inspection, the
				positive wire to the ground beds has
				<u>been</u> labeled per PHMSA Notice.
8/26	MP 229.9			Circuits for <b>SOUTH</b> Anode Beds:
	Greenville Rd.	10.19 vDC		Settings, vDC, Amps
	SOUTH Rectifier for	18.4 Amps		#84: C-1, F-3, 1.09, 2.57
	anode flex beds placed	C-1, F-3		#85: C-1, F-3, 3.31, 2.28
	along the pipelines.			#86: C-1, F-3, 3.52, 2.57
				#87: C-1, F-3, 4.23, 2.40
				#88: C-1, F-3, 5.62, 2.33
				#89: C-1, F-3, 5.78, 2.20
				#90: C-1, F-3, 6.63, 2.07
				#91: C-1, F-3, 7.75, 2.29
				Note: Since the last inspection, the
				positive wire to the ground beds has
			1	been labeled per PHMSA Notice.

	T	Pipe	Casing	Comment
<u>Date</u>	Location	(Volts DC)	(Volts DC)	Comments
8/26	MP 234.6			Circuits for Anode Beds:
	Rectifier at Hwy 124 &			Settings, vDC, Amps
	Struthers Rd.			#92: C-1, F-2, 6.75, 1.91
				#93: C-1, F-2, 6.81, 1.39
				#94: C-1, F-2, 5.34, 1.59
				#95: C-1, F-2, 5.29, 1.32
				#96: C-1, F-2, 3.55, 1.22
				#97: C-1, F-2, 4.03, 1.39
				#98: C-1, F-2, 3.08, 1.51
				#99: C-1, F-2, 1.91, 1.64
8/26	Main Line Valve 7-1	-1.07 vDC		Neil Isley GTN field technician
	(TP#2)			operated the A-Line Valve A-1
8/26	MP 238.0	41.9 vDC		
	Eureka Flats Rectifier	0.8 Amps		This site has an anode bed and a deep
		C-c, F-2		well.
	A-Line	-0.904 v	-0.200 v	
	B-Line	-0.904 v -1.066 v	-0.200 V	
8/26	MP 241.9	-1.000 V		2.7.1111.4.2.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
8/20	Main Line Valve 7-2	1 174		Noil Islam CTN field technician
	Main Line Valve 7-2	-1.174		Neil Isley GTN field technician operated the A-Line Valve A-1.
8/26	MP 244.8	13.38 vDC		
	Britton Rd Rectifier	9.6 Amps		The cable from the rectifier to the
		•		pipelines, approximately 300 feet in
	A-Line	-1.788 v		length, was broken in September 2008
	B-Line	-1.741 v		and since has been repaired.
8/26	MP 254.3			
-, <b>-</b>	A-Line at Chevron Xing	-1.22 vDC		Approximately, 0.11 amp of current is
	Mg Anode #3	-1.599 v		flowing from Chevron pipeline to
	Mg Anode #4	-1.566 v		TransCanada pipeline.
	Chevron #1	-1.723 v		Tanbounder pipeline.
	Chevron #2	-1.726 v		
	B-Line at Chevron Xing	-1.131 v		
	Mg Anode #5	-1.482 v		
	Mg Anode #6	-1.604		
	Chevron #1	-1.535		
	Chevron #2	-1.571		

		Pipe	Casing	
Date	Location	(Volts DC)	(Volts DC)	Comments
8/26	Wallula Compressor Station #8 has Three Turbines including: Rolls-Royce Avon at12,500hp, and two Solar Titans at 19,500hp each.			Two gas and fire sensors (IR #1 & #3) in Compressor Buildings C were successfully tested.
8/26	Wallula Compressor Station #8 Plant Rectifier  A-Line Suction Piping B-Line Suction Piping A-Line Discharge Piping B-Line discharge Piping	-1.873v -1.587v -1.303v -1.207v		Circuits for Anode Beds:  Settings, vDC, Amps  #1: C-d, F-6, 37.75, 11.7  #2: C-d, F-5, 35.32, 14.9  #3: C-b, F-6, 15.89, 15.5  #4: C-c, F-2, 21.02, 14.0  Note: Since the 2008 inspection circuit  #1 has been restored to use.