

**VERMONT GAS SYSTEMS, INC.
TRANSMISSION LINE EXPOSURE REPORT**

Date: 7/30/2019		Pipe Exposure: Excavation <input checked="" type="checkbox"/> Erosion <input type="checkbox"/> Landslide <input type="checkbox"/>		Photos taken Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Location: Excavation Site 2 - Baldwin Road			Length Unsupported Pipe: 4'		
Dig safe Ticket Number 20192913515		Pipe Diameter: 12"		Wall Thickness: 0.312"	
Municipality/Town: Hinesburg		VGS facilities marked: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		As-Built Station No 1120+31	
Pipeline As-Built Sheet: 42 of 83		High Consequence Area: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		HCA segment number: N/A	
CP Pipe to Soil Reading: -1.290 v		Coating Type: Pritec/Canusa		Pipe Depth: 5'2"	
Coating Condition: - Bonded <input checked="" type="checkbox"/> Slight Disbondment <input type="checkbox"/> Disbonded <input type="checkbox"/>				Coating Replaced: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Type Replacement Coating: Denso Densyl Wax Tape			Replacement Coating Length: 2'		
Erosion length: N/A		Erosion Depth: N/A		Erosion Location: N/A	
Exposed bare pipe: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		Pitting: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Pitting mapping: <small>Laser Scan of Anomaly</small> UT Gauge: 0.310" min.	
Soil: Sand <input checked="" type="checkbox"/> Clay <input type="checkbox"/> Loam <input type="checkbox"/> Cinders <input type="checkbox"/> Refuse <input type="checkbox"/> Rock <input checked="" type="checkbox"/>			Soil Packing: Loose <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Hard <input type="checkbox"/>		
Soil Sample Taken: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			Soil Moisture Content: Dry <input checked="" type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>		
Foreign Pipe crossing: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Foreign Pipe crossing clearance: N/A		Foreign pipe crossing ties taken: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
<p>Comments:</p> <ul style="list-style-type: none"> -Excavated for inspection on Wednesday, July 24, 2019. -Found sandbag trenchbreaker south of weld as indicated on as-built. -Mears conducted coating inspection on Monday, July 29, 2019. -Mears returned to site to conduct NDT Testing on July 30, 2019. -VGS removed coating and sand-blasted pipe. -Mears conducted UT gauge w.t. readings at 12 clock positions around the pipe. Found minimum thickness at 0.310". -Mears conducted laser scan of found anomaly. -Laser scan indicated a maximum anomaly depth of 0.032" wall thickness reduction. -See Mears Report for more information. -VGS re-coated pipeline with wax tape and vinyl black tape. Covered with rockshield. -Brought in sand for backfill then backfilled with native soil over padding. 					

Clock: 389

VGS Employee: M. Lawliss

Supervisor/Manager Initials: AG Date: 08/16/2019

VERMONT GAS SYSTEMS, INC.
TRANSMISSION LINE EXPOSURE REPORT
SUPPLEMENTAL FOR ASSESSMENT EXCAVATIONS

Date: 7/30/2019	Location: Excavation Site 2 - Baldwin Road	Town: Hinesburg
Project/Work Plan Date: 07/30/2019	Revision #: 0	Pipe Diameter: 12"
Length of Pipe Exposed & Inspected: Exposed 4' of Pipe, Removed Approx. 2' of Coating		
Pipe Condition: Good. Pipe wrapped in rockshield. Found Pritec coating (on pipe) and Canusa shrink wrap (on weld) in good shape.		
Jeeping Results: Good. Jeeped at 7000v, no coating anomalies found.		
Trench and Backfill Conditions (described area around pipe, note presence of rocks, sandbags, rockshield, etc.): Trench had rocks. Soil around pipe was sandy soil mixed with small rocks. Pipe wrapped in rockshield. South of weld found sandbag trenchbreaker.		
Indication/Anomaly Found:	Wall Loss <input checked="" type="checkbox"/>	Dent <input type="checkbox"/>
	Manufacturing Anomaly <input type="checkbox"/>	Other: _____
	Ovality <input type="checkbox"/>	Weld Anomaly <input type="checkbox"/>
		N/A <input type="checkbox"/>
Dimension of Indication/Anomaly (if found):	Length = 0.826"	Width = 1.183"
		Depth = 0.032"
Repair Made: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Length of Repair: <u>N/A</u>	
Repair Type (i.e. Clock Spring, Weld Sleeve, etc.): <u>N/A</u>		
Repair Notes: Anomaly was a smooth grind repair. See photos.		
ADDITIONAL COMMENTS: Used laser scanning mapping to measure anomaly LxWxD. The maximum depth of anomaly of 0.032" equates to 10.3% wall reduction.		

*** Please fill out form completely. If information is unavailable, fill in "N/A".**

**** Take pictures of the indication if found, trench conditions, and any repairs made.**

Clock: 389

VGS Employee: Matt Lawliss

Supervisor/Manager Initials: AG Date: 8/16/2019



BEGIN EXCAVATION



V65
WC: 112310.94
D16.2
EXISTING COATING
12:00
A

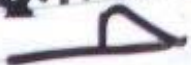
07/28/2019

V65

WL: 112310.94

DIG 2

EXISTING
CRATING



07/29/2019

**EXCAVATION OVERVIEW
(FACING NORTH)**



V65
WC: 112310.94
D16 2

MEDIA BLASTED
PIPE
9:00
A

07/30/2019

ANOMALY

A

D

07/30/2019

ICES COMPANY

WWW

2

1



DEPTH OF COVER

FINAL BACKFILL
WITH IMPORTED
SAND

