

**Pressure Test Data Sheet**

Downstream to Boiler Room Service Valve to S 2<sup>nd</sup> Area  
 Cherry St.  
 Building #1 & #2  
 Services

ERX Fluid Temp Only  
 13177691  
 5-6-22

PRESSURE TEST DATA SHEET  
 77 S 2nd Ave (1.25" PE - Segment A) Cherry St. 12.5" PE (Segment A)

Project Description: 77 S 2nd Ave (1.25" PE - Segment A) Operating Pressure Test  
 District: \_\_\_\_\_  
 Reading: \_\_\_\_\_  
 Work Request: \_\_\_\_\_

System MAOP: 60 psig  
 Target Test Pressure: 53 psig  
 Test Duration: 1.5 hours

Pressure recorder number/model: 213241 / 214066  
 Pressure recorder calibration date: 6/15/2022

Date Test Completed: 4/22/2023

Test Medium: Air  
 Pressure gauge number: 213241 / 214066  
 Pressure gauge certification date: 6/15/2022

Pressure and Temperature Test Data							Remarks
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
2		3:30 pm	0	80.7	77.6	Cloudy	
15		3:48	-0.1	79.5	69.5	Cloudy	Increment Start
30		3:55	26.4	78	69		Increment End
45	0	3:55	0	"	"		Non-Increment Start
60	0	3:58	26.6	"	"		-Test Start
75	0.25	4:10	25.9		67.7		
90	0.5	4:16	0		"		
105	0.75						
120	1						
135	1.25						
150	1.5						Test End
165							Increment Down
180							Increment End
195							Increment Down

} Pressure dropped quickly  
 - Held air on @ this valve  
 } Pressure dropped quickly

Time and date test started: 4:10 4/22/2023  
 Time and date test ended: 4:10 4/22/2023

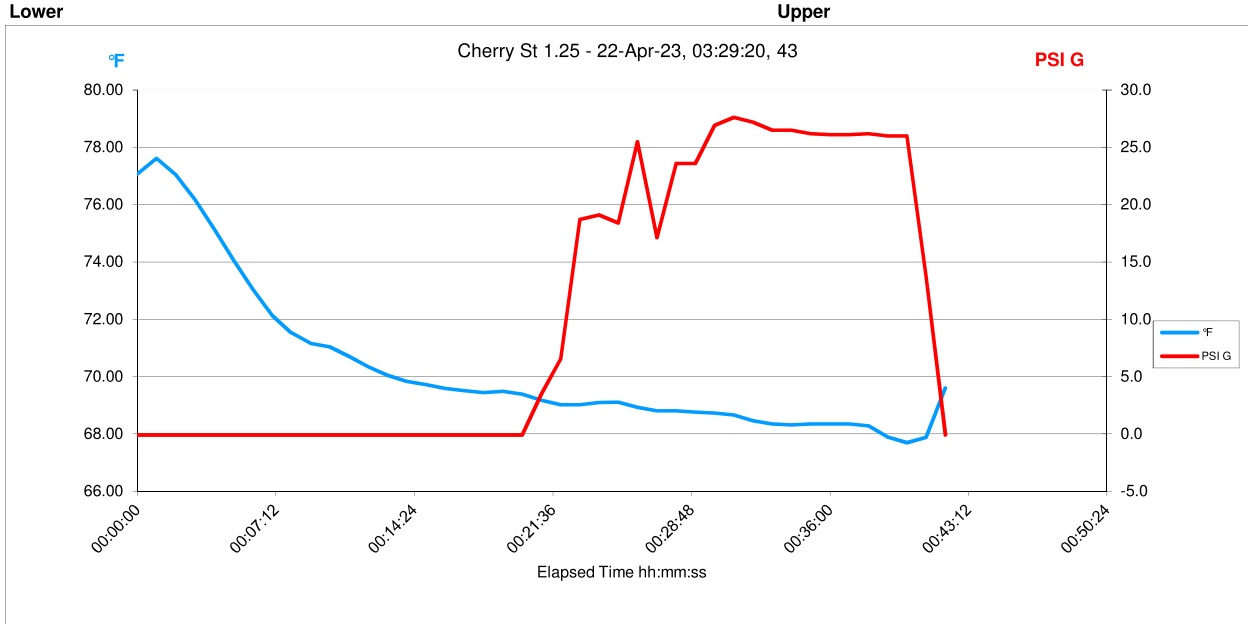
Minimum pressure observed: 0  
 Leaks or failures present during Test?  Yes  No  
 Description of Leaks or Failures: Unknown

Test conducted by: UGI  
 UGI Inspector: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store	Sassafrass station					
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	3					
Run Start Time			22-Apr-23/15:29:20			
Run Duration			42 minutes			
Run Tag			Cherry St 1.25			
Logging Interval	60.0					

Data Points				
Point #	Time	Left - °F	Right - PSI G	
1	00:00:00.0	77.07	-0.1	
2	00:01:00.0	77.61	-0.1	
3	00:02:00.0	77.05	-0.1	
4	00:03:00.0	76.16	-0.1	
5	00:04:00.0	75.14	-0.1	
6	00:05:00.0	74.06	-0.1	
7	00:06:00.0	73.05	-0.1	
8	00:07:00.0	72.14	-0.1	
9	00:08:00.0	71.53	-0.1	
10	00:09:00.0	71.16	-0.1	
11	00:10:00.0	71.04	-0.1	
12	00:11:00.0	70.70	-0.1	
13	00:12:00.0	70.33	-0.1	
14	00:13:00.0	70.04	-0.1	
15	00:14:00.0	69.83	-0.1	
16	00:15:00.0	69.72	-0.1	
17	00:16:00.0	69.58	-0.1	
18	00:17:00.0	69.51	-0.1	
19	00:18:00.0	69.44	-0.1	
20	00:19:00.0	69.48	-0.1	
21	00:20:00.0	69.38	-0.1	
22	00:21:00.0	69.17	3.5	
23	00:22:00.0	69.01	6.5	
24	00:23:00.0	69.02	18.7	
25	00:24:00.0	69.09	19.1	
26	00:25:00.0	69.11	18.4	
27	00:26:00.0	68.93	25.5	
28	00:27:00.0	68.80	17.1	
29	00:28:00.0	68.80	23.6	
30	00:29:00.0	68.76	23.6	
31	00:30:00.0	68.72	26.9	
32	00:31:00.0	68.66	27.6	
33	00:32:00.0	68.46	27.2	
34	00:33:00.0	68.34	26.5	
35	00:34:00.0	68.31	26.5	
36	00:35:00.0	68.34	26.2	
37	00:36:00.0	68.34	26.1	
38	00:37:00.0	68.34	26.1	
39	00:38:00.0	68.28	26.2	
40	00:39:00.0	67.89	26.0	
41	00:40:00.0	67.69	26.0	
42	00:41:00.0	67.88	13.7	
43	00:42:00.0	69.60	-0.1	

**ERX Data**

# Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/22/2023 2:55:45 PM To 4/22/2023 4:30:28 PM

Report Date: 4/27/2023 8:39:18AM

Site Name: Direct Connect

Site ID: 13177691-13177691 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/22/2023	15:00:00	.04	-0.01	.01	-0.07	1.31	-0.33	79.83	78.15	78.90	5.27	Time
4/22/2023	15:12:44	.04	-0.01	.00	-0.03	1.31	-0.33	78.16	74.16	78.38	5.29	Serial
4/22/2023	15:15:00	.04	-0.01	.00	-0.07	1.31	-0.33	78.16	73.99	78.39	5.30	Time
4/22/2023	15:30:00	.03	-0.02	-0.03	-0.07	1.86	-0.34	82.29	75.08	79.86	5.34	Time
4/22/2023	15:45:00	.08	-0.11	-0.03	-0.03	1.56	-0.35	82.48	71.51	78.93	5.33	Time
4/22/2023	16:00:00	.08	-0.08	-0.03	-0.04	.77	-0.33	74.90	71.86	76.21	5.34	Time
4/22/2023	16:15:00	.04	.01	-0.04	-0.04	.42	-0.28	74.90	74.34	75.30	5.33	Time
4/22/2023	16:30:00	.02	.01	-0.04	-0.04	.29	-0.26	74.31	73.64	74.58	5.35	Time

**Pressure Test Data Sheet**



1.25"  
Cherry St. Segment B

Downstream of wvl valve to Boiler Room Serv  
to cut upstream of Bldg 1 Service

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (1.25" PE - Segment ) Operating Pressure Test  
 District: Reading Work Request: \_\_\_\_\_ Date Test Completed: 4/24/2023  
 System MAOP: 60 psig  
 Target Test Pressure: 53 psig Test Medium: Air  
 Test Duration: 1.5 hours  
 Pressure recorder number/model: 213241 / 214066 Pressure gauge number: 213241 / 214066  
 Pressure recorder calibration date: 6/4/2022 / 6/15/2022 Pressure gauge certification date: 6/4/2022 / 6/15/2022

Pressure and Temperature Test Data							
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
		9:33	-0.1	60.5	51.3	Sunny	
		9:39	-0.1	56.9	53.4	Sunny	Increment Start
10		9:49	20.5	56.4	53.2	Sunny	Increment End
							Next Increment Start
0	0	9:51	53.6	54.5	52.95	Sunny	Test Start
15	0.25	10:07	53.4	53.96	54.3	Sunny	
30	0.5	10:22	53.2	54.5	54.6	Sunny	
45	0.75	10:37	53.2	55.4	55.5	Sunny	
60	1	10:52	53.1	56.2	54.8	Sunny	
75	1.25	11:07	53.0	56.6	55.6	Sunny	Test End
90	1.5	11:22	52.9	56.9	55.4	Sunny	Increment Down
0		11:23	27.1	56.9	55.8	Sunny	Increment End
10		11:33	27.2	56.9	56.6	Sunny	Increment Down
0		11:36	-0.1	57.1	56.2	Sunny	

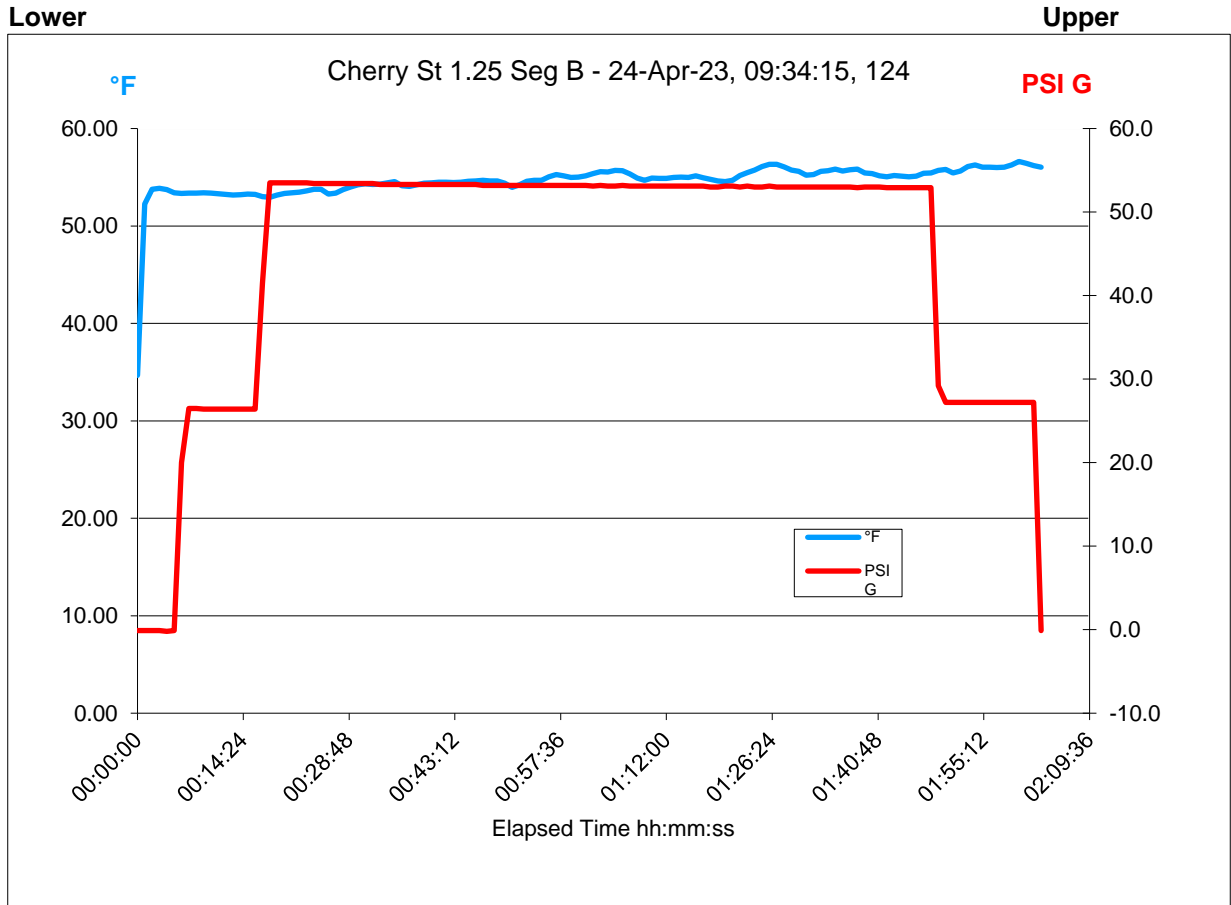
PSIG Fluid Temp Air Temp  
 → 9:40 26.5 56.4 53.4  
 → 9:50 26.4 54.6 53.2

Time and date test started: 9:51 4/24/2023  
 Minimum pressure observed: 52.9 PSIG  
 Leaks or failures present during Test? Yes  No   
 Description of Leaks or Failures: \_\_\_\_\_  
 UGI Inspector: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Time and date test ended: 11:22 4/24/2023  
 Test conducted by: UGI

**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	5					
Run Start Time	24-Apr-23/09:34:15					
Run Duration	2 hours 3 minutes					
Run Tag	Cherry St 1.25 Seg B					
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	34.67	-0.1
2	00:01:00.0	52.24	-0.1
3	00:02:00.0	53.78	-0.1
4	00:03:00.0	53.86	-0.1
5	00:04:00.0	53.74	-0.2
6	00:05:00.0	53.41	-0.1
7	00:06:00.0	53.35	20.0
8	00:07:00.0	53.36	26.5
9	00:08:00.0	53.36	26.5
10	00:09:00.0	53.39	26.4
11	00:10:00.0	53.38	26.4
12	00:11:00.0	53.32	26.4
13	00:12:00.0	53.23	26.4
14	00:13:00.0	53.18	26.4
15	00:14:00.0	53.21	26.4
16	00:15:00.0	53.26	26.4
17	00:16:00.0	53.25	26.4
18	00:17:00.0	53.02	41.5

19	00:18:00.0	52.95	53.5
20	00:19:00.0	53.16	53.5
21	00:20:00.0	53.35	53.5
22	00:21:00.0	53.40	53.5
23	00:22:00.0	53.47	53.5
24	00:23:00.0	53.60	53.5
25	00:24:00.0	53.78	53.4
26	00:25:00.0	53.78	53.4
27	00:26:00.0	53.26	53.4
28	00:27:00.0	53.38	53.4
29	00:28:00.0	53.73	53.4
30	00:29:00.0	53.98	53.4
31	00:30:00.0	54.21	53.4
32	00:31:00.0	54.33	53.4
33	00:32:00.0	54.27	53.4
34	00:33:00.0	54.30	53.3
35	00:34:00.0	54.43	53.3
36	00:35:00.0	54.54	53.3
37	00:36:00.0	54.12	53.3
38	00:37:00.0	54.07	53.3
39	00:38:00.0	54.24	53.3
40	00:39:00.0	54.40	53.3
41	00:40:00.0	54.43	53.3
42	00:41:00.0	54.50	53.3
43	00:42:00.0	54.49	53.3
44	00:43:00.0	54.44	53.3
45	00:44:00.0	54.50	53.3
46	00:45:00.0	54.60	53.3
47	00:46:00.0	54.63	53.3
48	00:47:00.0	54.69	53.2
49	00:48:00.0	54.61	53.2
50	00:49:00.0	54.61	53.2
51	00:50:00.0	54.40	53.2
52	00:51:00.0	53.97	53.2
53	00:52:00.0	54.22	53.2
54	00:53:00.0	54.57	53.2
55	00:54:00.0	54.67	53.2
56	00:55:00.0	54.70	53.2
57	00:56:00.0	55.03	53.2
58	00:57:00.0	55.29	53.2
59	00:58:00.0	55.13	53.2
60	00:59:00.0	54.97	53.2
61	01:00:00.0	55.02	53.2
62	01:01:00.0	55.13	53.2
63	01:02:00.0	55.38	53.1
64	01:03:00.0	55.58	53.2
65	01:04:00.0	55.54	53.1
66	01:05:00.0	55.69	53.1

67	01:06:00.0	55.66	53.2
68	01:07:00.0	55.35	53.1
69	01:08:00.0	54.90	53.1
70	01:09:00.0	54.68	53.1
71	01:10:00.0	54.90	53.1
72	01:11:00.0	54.88	53.1
73	01:12:00.0	54.87	53.1
74	01:13:00.0	54.97	53.1
75	01:14:00.0	55.02	53.1
76	01:15:00.0	54.97	53.1
77	01:16:00.0	55.14	53.1
78	01:17:00.0	54.95	53.1
79	01:18:00.0	54.78	53.0
80	01:19:00.0	54.61	53.0
81	01:20:00.0	54.54	53.1
82	01:21:00.0	54.68	53.1
83	01:22:00.0	55.18	53.0
84	01:23:00.0	55.48	53.1
85	01:24:00.0	55.74	53.0
86	01:25:00.0	56.09	53.0
87	01:26:00.0	56.32	53.1
88	01:27:00.0	56.32	53.0
89	01:28:00.0	56.05	53.0
90	01:29:00.0	55.73	53.0
91	01:30:00.0	55.61	53.0
92	01:31:00.0	55.20	53.0
93	01:32:00.0	55.28	53.0
94	01:33:00.0	55.62	53.0
95	01:34:00.0	55.67	53.0
96	01:35:00.0	55.84	53.0
97	01:36:00.0	55.65	53.0
98	01:37:00.0	55.78	53.0
99	01:38:00.0	55.82	52.9
100	01:39:00.0	55.44	53.0
101	01:40:00.0	55.38	53.0
102	01:41:00.0	55.16	53.0
103	01:42:00.0	55.03	52.9
104	01:43:00.0	55.19	52.9
105	01:44:00.0	55.12	52.9
106	01:45:00.0	55.06	52.9
107	01:46:00.0	55.10	52.9
108	01:47:00.0	55.40	52.9
109	01:48:00.0	55.43	52.9
110	01:49:00.0	55.69	29.2
111	01:50:00.0	55.81	27.2
112	01:51:00.0	55.44	27.2
113	01:52:00.0	55.65	27.2
114	01:53:00.0	56.11	27.2

115	01:54:00.0	56.25	27.2
116	01:55:00.0	56.04	27.2
117	01:56:00.0	56.04	27.2
118	01:57:00.0	56.00	27.2
119	01:58:00.0	56.03	27.2
120	01:59:00.0	56.25	27.2
121	02:00:00.0	56.62	27.2
122	02:01:00.0	56.41	27.2
123	02:02:00.0	56.20	27.2
124	02:03:00.0	56.04	-0.1

**ERX Data**



**Audit Trail Report(Without Summary)**

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/24/2023 9:30:00 AM To 4/24/2023 11:45:28 AM

Report Date: 4/27/2023 8:18:31AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/24/2023	09:30:00	.01	-0.07	.02	-0.06	.26	-0.18	87.12	63.56	71.22	5.44	Time
4/24/2023	09:32:59	.02	.01	-0.01	-0.07	.03	-0.11	63.39	60.70	68.79	5.44	Mag
4/24/2023	09:44:37	.05	.01	.09	-0.08	.03	-0.11	63.39	55.59	63.19	5.43	Mag
4/24/2023	09:45:00	.05	.01	.09	-0.08	.03	-0.11	63.39	55.59	63.19	5.43	Time
4/24/2023	09:55:35	.03	.00	.08	-0.05	.01	.00	54.29	54.13	59.03	5.44	Mag
4/24/2023	10:00:00	.03	.00	.08	-0.05	.01	.00	54.29	54.13	59.03	5.44	Time
4/24/2023	10:06:10	.00	.00	.05	-0.07	.02	.02	53.80	53.80	57.55	5.37	Mag
4/24/2023	10:15:00	.00	.00	.05	-0.07	.02	.02	53.80	53.80	57.55	5.37	Time
4/24/2023	10:21:23	.01	-0.03	.14	-0.08	.04	.03	54.45	54.29	55.93	5.38	Mag
4/24/2023	10:30:00	.01	-0.03	.14	-0.08	.04	.03	54.45	54.29	55.93	5.38	Time
4/24/2023	10:31:40	.01	-0.02	.03	.03	.03	.03	54.94	54.94	56.32	5.39	Mag
4/24/2023	10:45:00	.01	-0.04	.16	-0.07	.04	.03	55.91	54.94	56.09	5.39	Time
4/24/2023	10:51:55	.01	-0.03	.16	-0.09	.04	.04	56.08	55.91	55.76	5.39	Mag
4/24/2023	11:00:00	.01	-0.03	.16	-0.09	.04	.04	56.08	55.91	55.76	5.39	Time
4/24/2023	11:07:27	.01	-0.03	.16	-0.09	.04	.03	56.57	56.32	56.07	5.40	Mag
4/24/2023	11:15:00	.01	-0.03	.16	-0.09	.04	.03	56.57	56.32	56.07	5.40	Time
4/24/2023	11:22:24	.00	-0.04	.18	-0.09	.04	.03	56.89	56.73	56.09	5.39	Mag
4/24/2023	11:30:00	.00	-0.04	.18	-0.09	.04	.03	56.89	56.73	56.09	5.39	Time
4/24/2023	11:34:05	.00	-0.04	.18	-0.09	.03	.03	56.89	56.89	56.73	5.40	Mag
4/24/2023	11:45:00	.00	-0.04	.18	-0.09	.03	.02	57.39	56.89	57.39	5.36	Time

\* - Records have been modified  
4/27/2023 8:18:31AM

**Pressure Test Data Sheet**

**PRESSURE TEST DATA SHEET**

Project Description: 77 S 2nd Ave (1.25" PE - Segment B) Operating Pressure Test

District: Reading

Work Request: \_\_\_\_\_

Date Test Completed: 4/25/2023

System MAOP: 60 psig

Target Test Pressure: 55 psig

Test Duration: 1.5 hours

Test Medium: Air

Pressure recorder number/model: 213241 / 214066

Pressure gauge number: 213241 / 214066

Pressure recorder calibration date: 6/4/2022 / 6/15/2022

Pressure gauge certification date: 6/4/2022 / 6/15/2022

ERX  
Fluid Temp Only  
13177708  
9/26/2022

Pressure and Temperature Test Data							
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
<del>0</del>	<del>1:03</del>	1:03	0.2	61.5	57.8	Partly Sunny	
0		1:06	26.6	61.2	56.3	Partly Sunny	Increment Start
5		1:11	26.5	61.5	57.9	Partly Sunny	Increment End
							Next Increment Start
0	0	1:14	53.8	62.4	57.6	Partly Sunny	Test Start
15	0:25	1:29	53.6	64.6	59.7	Partly Sunny	
30	0.5	1:44	53.3	62.7	58.6	Partly Sunny	Test End
45	1:00	1:48	26.7	62.0	60.8	Partly Sunny	
60	1:15	1:53	26.8	63.0	70.7	Partly Sunny	
75	1:30	1:54	0.2	63.6	68.6	Partly Sunny	
90							
105							
120							
135							
150							
165							
180							
195							
210							
225							
240							
255							
270							
285							
300							

Time and date test started: 1:14 PM 4/25/2023

Time and date test ended: 1:44 PM 4/25/2023

Minimum pressure observed: 53.3

Test conducted by: UGF

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures: \_\_\_\_\_

LDI Inspector: \_\_\_\_\_

Signature: \_\_\_\_\_

**PRESSURE TEST DATA SHEET**

Project Description: 77 S 2nd Ave (1.25" PE - Segment B) Operating Pressure Test

District: \_\_\_\_\_ Work Request: \_\_\_\_\_

System MAOP: 60 psig

Target Test Pressure: 53 psig

Test Duration: 1.5 hours

Date Test Completed: 4/25/2023

EXX 13177108  
9/26/2022  
Temp Only

Pressure recorder number/model: 213241 / 214066  
 Pressure gauge number: 213241 / 214066  
 Pressure recorder calibration date: 6/4/2022  
 Pressure gauge certification date: 6/15/2022

Test Medium: Air

Pressure and Temperature Test Data							Remarks
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	
30 prior							
0		3:18	0.1	62.7	60.1	Partly Cloudy	Increment Start
10							Increment End
0	0	3:25	53.8	61.2	58.8	Partly Cloudy	Next Increment Start
15	0.25	3:32	53.3	60.2	57.4	Partly Cloudy	Test Start
30	0.5						
45	0.75						
60	1.0						
75	1.25						
90	1.5						TEST END
105							Increment Down
120							Increment End
135							Increment Down

Time and date test started: \_\_\_\_\_ Time and date test ended: \_\_\_\_\_

Minimum pressure observed: \_\_\_\_\_

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures: \_\_\_\_\_

UGI Inspector: \_\_\_\_\_ Signature: \_\_\_\_\_

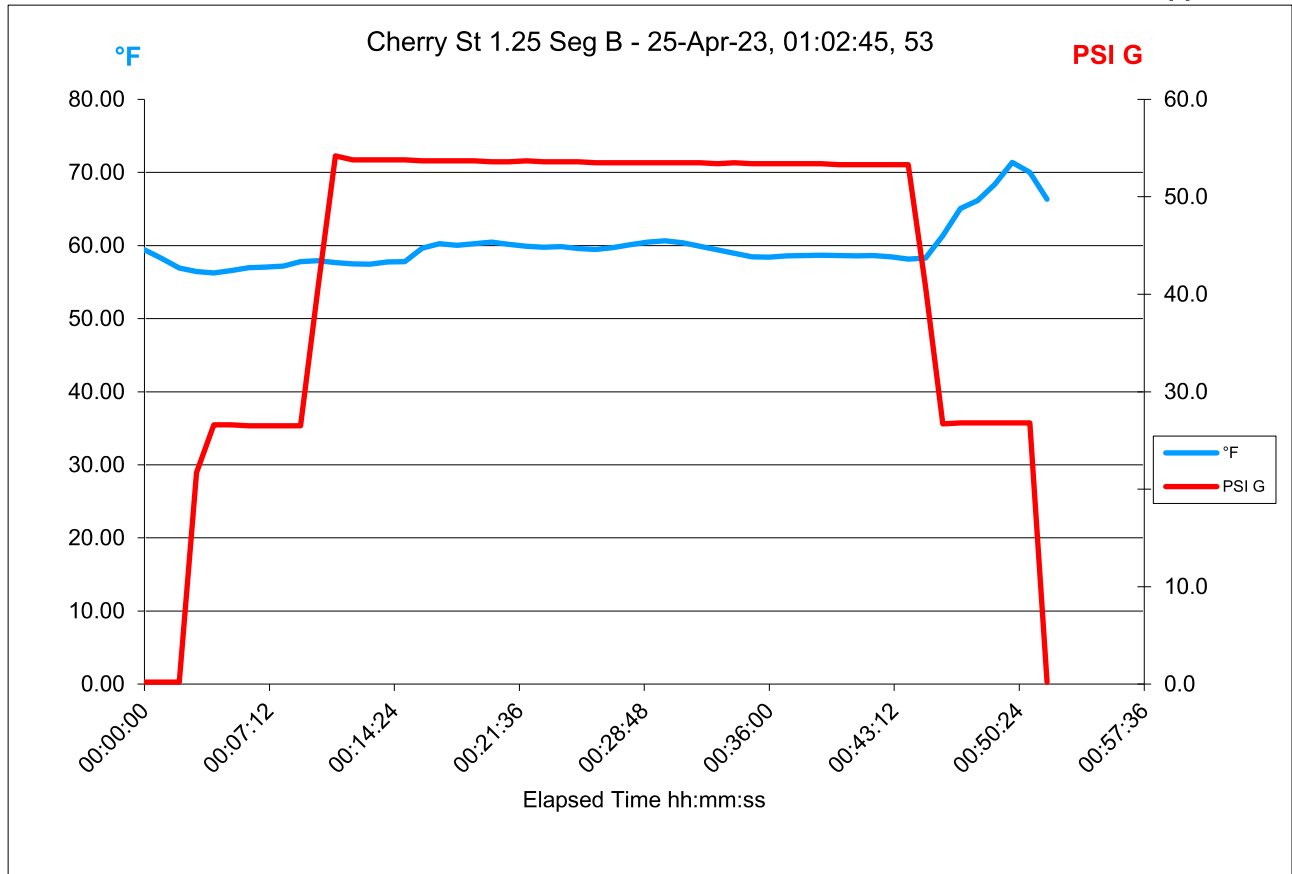
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	6					
Run Start Time	25-Apr-23/13:02:45					
Run Duration	52 minutes					
Run Tag	Cherry St 1.25 Seg B					
Logging Interval	60.0					

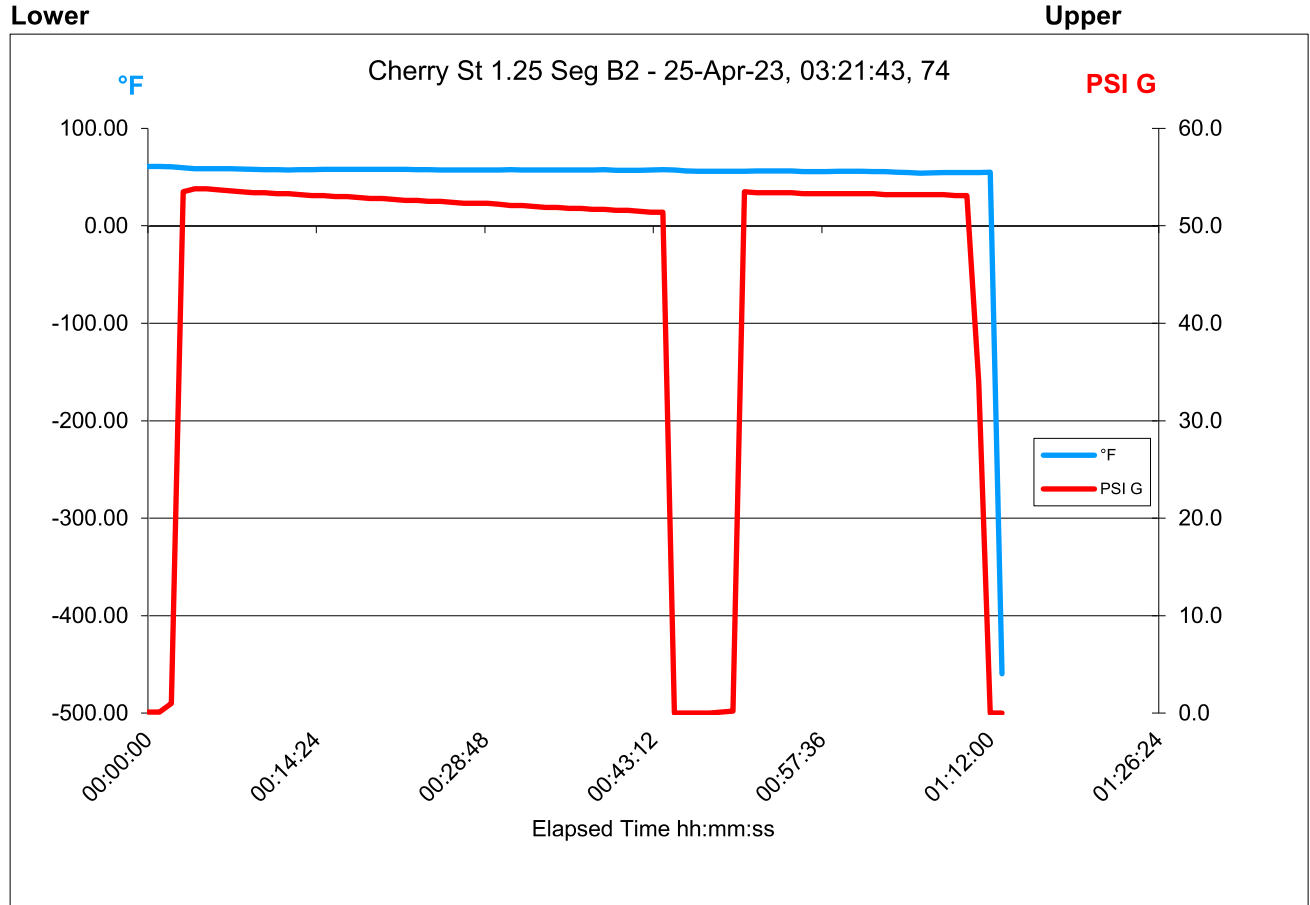
Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	59.40	0.2
2	00:01:00.0	58.23	0.2
3	00:02:00.0	56.91	0.2
4	00:03:00.0	56.46	21.7
5	00:04:00.0	56.25	26.6
6	00:05:00.0	56.57	26.6
7	00:06:00.0	56.98	26.5
8	00:07:00.0	57.07	26.5
9	00:08:00.0	57.17	26.5
10	00:09:00.0	57.78	26.5
11	00:10:00.0	57.93	40.8
12	00:11:00.0	57.66	54.2
13	00:12:00.0	57.49	53.8
14	00:13:00.0	57.43	53.8
15	00:14:00.0	57.75	53.8
16	00:15:00.0	57.78	53.8
17	00:16:00.0	59.65	53.7
18	00:17:00.0	60.27	53.7
19	00:18:00.0	60.04	53.7
20	00:19:00.0	60.27	53.7

21	00:20:00.0	60.49	53.6
22	00:21:00.0	60.16	53.6
23	00:22:00.0	59.91	53.7
24	00:23:00.0	59.76	53.6
25	00:24:00.0	59.85	53.6
26	00:25:00.0	59.58	53.6
27	00:26:00.0	59.47	53.5
28	00:27:00.0	59.71	53.5
29	00:28:00.0	60.11	53.5
30	00:29:00.0	60.45	53.5
31	00:30:00.0	60.66	53.5
32	00:31:00.0	60.40	53.5
33	00:32:00.0	59.90	53.5
34	00:33:00.0	59.42	53.4
35	00:34:00.0	58.92	53.5
36	00:35:00.0	58.45	53.4
37	00:36:00.0	58.43	53.4
38	00:37:00.0	58.58	53.4
39	00:38:00.0	58.63	53.4
40	00:39:00.0	58.69	53.4
41	00:40:00.0	58.61	53.3
42	00:41:00.0	58.60	53.3
43	00:42:00.0	58.62	53.3
44	00:43:00.0	58.46	53.3
45	00:44:00.0	58.16	53.3
46	00:45:00.0	58.29	40.8
47	00:46:00.0	61.33	26.7
48	00:47:00.0	65.05	26.8
49	00:48:00.0	66.15	26.8
50	00:49:00.0	68.38	26.8
51	00:50:00.0	71.38	26.8
52	00:51:00.0	70.02	26.8
53	00:52:00.0	66.34	0.2



# Data Collection Report – 2<sup>nd</sup> Attempt

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	7					
Run Start Time	25-Apr-23/15:21:43					
Run Duration	1 hour 13 minutes					
Run Tag	Cherry St 1.25 Seg B2					
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	60.90	0.1
2	00:01:00.0	60.94	0.1
3	00:02:00.0	60.42	1.0
4	00:03:00.0	59.50	53.5
5	00:04:00.0	58.74	53.8
6	00:05:00.0	58.69	53.8
7	00:06:00.0	58.61	53.7
8	00:07:00.0	58.56	53.6
9	00:08:00.0	58.18	53.5
10	00:09:00.0	57.99	53.4
11	00:10:00.0	57.79	53.4
12	00:11:00.0	57.47	53.3
13	00:12:00.0	57.31	53.3
14	00:13:00.0	57.51	53.2
15	00:14:00.0	57.77	53.1
16	00:15:00.0	58.05	53.1
17	00:16:00.0	58.10	53.0
18	00:17:00.0	58.02	53.0
19	00:18:00.0	58.01	52.9
20	00:19:00.0	57.84	52.8

21	00:20:00.0	57.80	52.8
22	00:21:00.0	57.82	52.7
23	00:22:00.0	57.96	52.6
24	00:23:00.0	57.56	52.6
25	00:24:00.0	57.60	52.5
26	00:25:00.0	57.31	52.5
27	00:26:00.0	57.27	52.4
28	00:27:00.0	57.20	52.3
29	00:28:00.0	57.19	52.3
30	00:29:00.0	57.34	52.3
31	00:30:00.0	57.39	52.2
32	00:31:00.0	57.62	52.1
33	00:32:00.0	57.34	52.1
34	00:33:00.0	57.21	52.0
35	00:34:00.0	57.36	51.9
36	00:35:00.0	57.34	51.9
37	00:36:00.0	57.23	51.8
38	00:37:00.0	57.40	51.8
39	00:38:00.0	57.46	51.7
40	00:39:00.0	57.47	51.7
41	00:40:00.0	57.11	51.6
42	00:41:00.0	57.01	51.6
43	00:42:00.0	57.07	51.5
44	00:43:00.0	57.31	51.4
45	00:44:00.0	57.67	51.4
46	00:45:00.0	57.14	0.0
47	00:46:00.0	56.23	0.0
48	00:47:00.0	56.04	0.0
49	00:48:00.0	56.01	0.0
50	00:49:00.0	56.06	0.1
51	00:50:00.0	56.10	0.2
52	00:51:00.0	56.12	53.5
53	00:52:00.0	56.31	53.4
54	00:53:00.0	56.32	53.4
55	00:54:00.0	56.30	53.4
56	00:55:00.0	56.16	53.4
57	00:56:00.0	55.79	53.3
58	00:57:00.0	55.64	53.3
59	00:58:00.0	55.69	53.3
60	00:59:00.0	55.90	53.3
61	01:00:00.0	55.86	53.3
62	01:01:00.0	55.84	53.3
63	01:02:00.0	55.66	53.3
64	01:03:00.0	55.55	53.2
65	01:04:00.0	55.00	53.2
66	01:05:00.0	54.67	53.2
67	01:06:00.0	54.17	53.2
68	01:07:00.0	54.40	53.2

69	01:08:00.0	54.55	53.2
70	01:09:00.0	54.56	53.1
71	01:10:00.0	54.71	53.1
72	01:11:00.0	54.68	34.0
73	01:12:00.0	55.02	0.0
74	01:13:00.0	-459.67	0.0

**ERX Data**

### Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/25/2023 1:00:00 PM To 4/25/2023 2:00:14 PM

Report Date: 4/28/2023 10:23:11AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/25/2023	13:00:00	.05	-0.02	-0.02	-0.06	1.18	-0.20	88.32	64.07	71.91	5.43	Time
4/25/2023	13:11:57	.04	.01	.09	-0.07	.75	-0.07	61.36	61.03	65.57	5.45	Mag
4/25/2023	13:15:00	.04	.01	.09	-0.07	.75	-0.07	61.36	61.03	65.57	5.45	Time
4/25/2023	13:29:01	.01	-0.07	.03	-0.08	.37	-0.05	64.92	64.58	63.70	5.41	Mag
4/25/2023	13:30:00	.01	-0.07	.03	-0.08	.37	-0.05	64.92	64.58	63.70	5.41	Time
4/25/2023	13:43:38	.01	-0.08	.09	-0.08	.09	-0.05	63.60	62.88	63.00	5.42	Mag
4/25/2023	13:45:00	.01	-0.08	.09	-0.08	.09	-0.05	63.60	62.88	63.00	5.42	Time
4/25/2023	13:54:02	-0.01	-0.03	.01	-0.06	.10	-0.03	63.05	62.88	63.02	5.39	Mag
4/25/2023	14:00:00	-0.01	-0.03	.01	-0.06	.10	-0.03	63.05	62.88	63.02	5.39	Time

\* - Records have been modified  
4/28/2023 10:23:11AM

Page 1

**Pressure Test Data Sheet**

PRESSURE TEST DATA SHEET

Project Description:

77 S 2nd Ave (1.25" PE - Segment <sup>→ Boiler Room Service</sup> 1.25" (Downstream of curb valve) Operating Pressure Test

District:

Reading

Work Request

Date Test Completed

4/22/2023

System MAOP:

60 psig

Target Test Pressure:

53 psig

Test Duration:

1.5 hours

Test Medium: Air

Pressure recorder number/model:

108511/103537

Pressure gauge number:

108511/103537 ERX

Pressure recorder calibration date:

10/5/2022

Pressure gauge certification date:

10/5/2022

Pipe Temp  
13177691  
5-6-22

Pressure and Temperature Test Data							
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30		prior					
15		prior					
0		1:10 PM	0.0	80.4	73.9	Cloudy	
0		1:11	-0.7	80.4	73.9	Cloudy	Leak detected
0		1:14	26.3	80.3	74.1	Cloudy	Leak detected
10		1:25	26.7	78.9	73.2	Cloudy	Leak detected
0	0	1:29	53.3	78.7	73.2	Cloudy	Test Start
15	0.25	1:50	53.2	79.7	73.0	Cloudy	
30	0.5	2:05	53.2	83.4	73.4	Cloudy	
45	0.75	2:20	53.1	82.5	73.7	Cloudy	
60	1	2:35	53.4	81.1	73.7	Cloudy	
75	1.25	2:50	53.0	80.2	73.6	Cloudy	
90	1.5	3:05	53.0	79.4	73.7	Cloudy	Test End
0		3:09	26.7	79.4	73.9	Cloudy	Increment Down
10		3:20	26.8	81.2	74.8	Cloudy	Increment End
0		3:22	-0.6	81.3	74.8	Cloudy	Increment Down

→ Leak required 1:34 pm 53.2 78.3 72.7 @ reducer to thermowell (test tree)

Time and date test started:

1:34 pm 4/22/2023

Time and date test ended:

3:05 pm 4/22/2023

Minimum pressure observed:

53.0 psig

Test conducted by:

UGI

Leaks or failures present during Test?

Yes

No

Description of Leaks or Failures:

See Comment, required and restarted

UGI Inspector

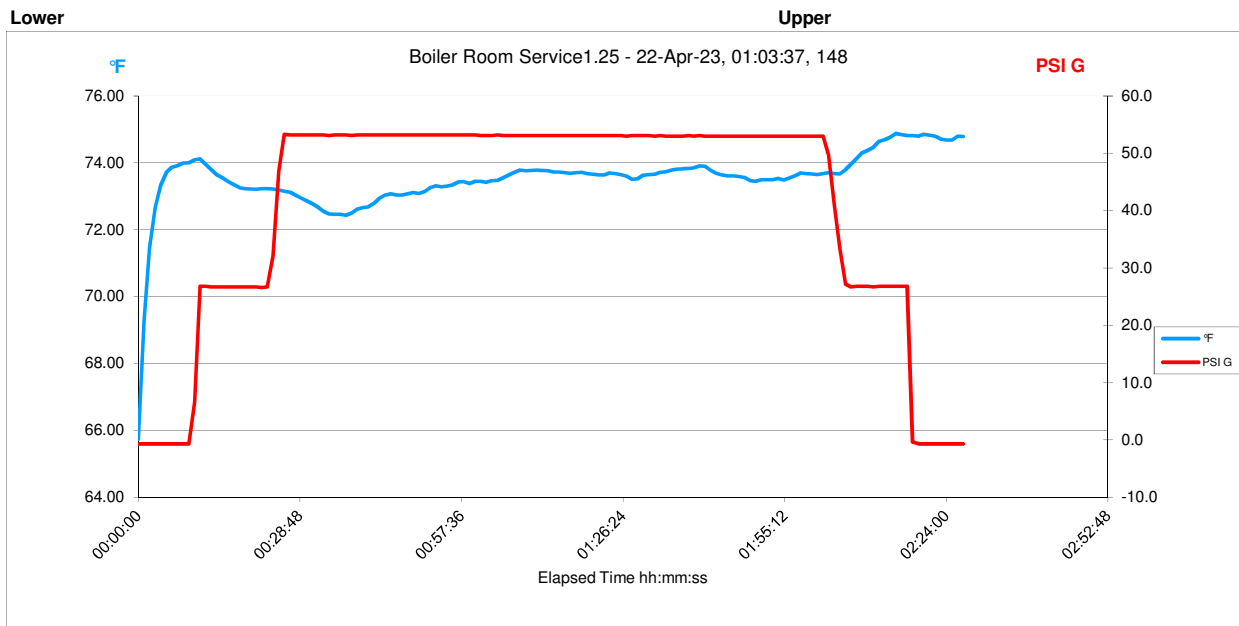
Signature



**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	109422	108511	103537
Datatype		Lower	Upper
Units		°F	PSI G



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	109422	108511	103537		108511	103537
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		5-Oct-23	5-Oct-23			
Run Index	3					
Run Start Time			22-Apr-23/13:03:37			
Run Duration			2 hours 27 minutes			
Run Tag			Boiler Room Service1.25			
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	65.73	-0.7
2	00:01:00.0	69.27	-0.7
3	00:02:00.0	71.46	-0.7
4	00:03:00.0	72.67	-0.7
5	00:04:00.0	73.33	-0.7
6	00:05:00.0	73.72	-0.7
7	00:06:00.0	73.87	-0.7
8	00:07:00.0	73.92	-0.7
9	00:08:00.0	73.99	-0.7
10	00:09:00.0	74.00	-0.7
11	00:10:00.0	74.09	6.6
12	00:11:00.0	74.12	26.8
13	00:12:00.0	73.96	26.8
14	00:13:00.0	73.80	26.7
15	00:14:00.0	73.64	26.7
16	00:15:00.0	73.55	26.7
17	00:16:00.0	73.44	26.7
18	00:17:00.0	73.35	26.7
19	00:18:00.0	73.26	26.7
20	00:19:00.0	73.23	26.7
21	00:20:00.0	73.22	26.7
22	00:21:00.0	73.21	26.7
23	00:22:00.0	73.23	26.6
24	00:23:00.0	73.23	26.7
25	00:24:00.0	73.22	32.1
26	00:25:00.0	73.19	46.9
27	00:26:00.0	73.15	53.3
28	00:27:00.0	73.12	53.2
29	00:28:00.0	73.04	53.2
30	00:29:00.0	72.94	53.2
31	00:30:00.0	72.86	53.2
32	00:31:00.0	72.78	53.2
33	00:32:00.0	72.67	53.2
34	00:33:00.0	72.55	53.2
35	00:34:00.0	72.47	53.1
36	00:35:00.0	72.46	53.2
37	00:36:00.0	72.46	53.2
38	00:37:00.0	72.43	53.2
39	00:38:00.0	72.50	53.1
40	00:39:00.0	72.62	53.2
41	00:40:00.0	72.66	53.2
42	00:41:00.0	72.68	53.2
43	00:42:00.0	72.79	53.2
44	00:43:00.0	72.94	53.2
45	00:44:00.0	73.04	53.2
46	00:45:00.0	73.07	53.2
47	00:46:00.0	73.04	53.2
48	00:47:00.0	73.04	53.2
49	00:48:00.0	73.07	53.2
50	00:49:00.0	73.11	53.2
51	00:50:00.0	73.08	53.2
52	00:51:00.0	73.14	53.2
53	00:52:00.0	73.26	53.2
54	00:53:00.0	73.31	53.2
55	00:54:00.0	73.29	53.2
56	00:55:00.0	73.30	53.2
57	00:56:00.0	73.34	53.2
58	00:57:00.0	73.43	53.2
59	00:58:00.0	73.44	53.2
60	00:59:00.0	73.38	53.2
61	01:00:00.0	73.45	53.2
62	01:01:00.0	73.45	53.1

Data Points			
Point #	Time	Left - °F	Right - PSI G
63	01:02:00.0	73.42	53.1
64	01:03:00.0	73.47	53.1
65	01:04:00.0	73.48	53.2
66	01:05:00.0	73.55	53.1
67	01:06:00.0	73.64	53.1
68	01:07:00.0	73.72	53.1
69	01:08:00.0	73.78	53.1
70	01:09:00.0	73.76	53.1
71	01:10:00.0	73.77	53.1
72	01:11:00.0	73.78	53.1
73	01:12:00.0	73.77	53.1
74	01:13:00.0	73.76	53.1
75	01:14:00.0	73.73	53.1
76	01:15:00.0	73.73	53.1
77	01:16:00.0	73.71	53.1
78	01:17:00.0	73.69	53.1
79	01:18:00.0	73.71	53.1
80	01:19:00.0	73.72	53.1
81	01:20:00.0	73.68	53.1
82	01:21:00.0	73.66	53.1
83	01:22:00.0	73.64	53.1
84	01:23:00.0	73.64	53.1
85	01:24:00.0	73.70	53.1
86	01:25:00.0	73.68	53.1
87	01:26:00.0	73.65	53.1
88	01:27:00.0	73.60	53.0
89	01:28:00.0	73.51	53.1
90	01:29:00.0	73.52	53.1
91	01:30:00.0	73.63	53.1
92	01:31:00.0	73.65	53.1
93	01:32:00.0	73.66	53.0
94	01:33:00.0	73.72	53.1
95	01:34:00.0	73.74	53.0
96	01:35:00.0	73.78	53.0
97	01:36:00.0	73.81	53.0
98	01:37:00.0	73.82	53.0
99	01:38:00.0	73.83	53.1
100	01:39:00.0	73.85	53.0
101	01:40:00.0	73.91	53.1
102	01:41:00.0	73.90	53.0
103	01:42:00.0	73.77	53.0
104	01:43:00.0	73.69	53.0
105	01:44:00.0	73.64	53.0
106	01:45:00.0	73.61	53.0
107	01:46:00.0	73.61	53.0
108	01:47:00.0	73.59	53.0
109	01:48:00.0	73.56	53.0
110	01:49:00.0	73.47	53.0
111	01:50:00.0	73.45	53.0
112	01:51:00.0	73.50	53.0
113	01:52:00.0	73.50	53.0
114	01:53:00.0	73.50	53.0
115	01:54:00.0	73.53	53.0
116	01:55:00.0	73.49	53.0
117	01:56:00.0	73.54	53.0
118	01:57:00.0	73.61	53.0
119	01:58:00.0	73.70	53.0
120	01:59:00.0	73.68	53.0
121	02:00:00.0	73.67	53.0
122	02:01:00.0	73.65	53.0
123	02:02:00.0	73.68	53.0
124	02:03:00.0	73.71	49.7
125	02:04:00.0	73.68	41.0
126	02:05:00.0	73.67	33.5
127	02:06:00.0	73.79	27.2
128	02:07:00.0	73.96	26.7
129	02:08:00.0	74.13	26.8
130	02:09:00.0	74.30	26.8
131	02:10:00.0	74.38	26.8
132	02:11:00.0	74.46	26.7
133	02:12:00.0	74.64	26.8
134	02:13:00.0	74.69	26.8
135	02:14:00.0	74.77	26.8
136	02:15:00.0	74.88	26.8
137	02:16:00.0	74.85	26.8
138	02:17:00.0	74.82	26.8
139	02:18:00.0	74.82	-0.4
140	02:19:00.0	74.80	-0.7
141	02:20:00.0	74.86	-0.7
142	02:21:00.0	74.83	-0.7
143	02:22:00.0	74.80	-0.7
144	02:23:00.0	74.71	-0.7
145	02:24:00.0	74.68	-0.7
146	02:25:00.0	74.68	-0.7
147	02:26:00.0	74.80	-0.7
148	02:27:00.0	74.79	-0.7

**ERX Data**

## Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/22/2023 12:45:45 PM To 4/22/2023 3:30:46 PM

Report Date: 4/27/2023 8:34:44AM

Site Name: Direct Connect

Site ID: 13177691-13177691 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/22/2023	13:00:00	.03	-0.02	-0.01	-0.07	1.56	-0.23	82.30	77.62	81.25	5.28	Time
4/22/2023	13:15:00	.04	-0.02	.01	-0.08	1.55	-0.36	83.43	82.39	80.60	5.31	Time
4/22/2023	13:30:00	.06	-0.01	-0.01	-0.06	1.70	-0.35	83.05	81.91	79.68	5.32	Time
4/22/2023	13:45:00	.03	-0.01	-0.01	-0.09	1.57	-0.33	81.86	80.76	79.05	5.28	Time
4/22/2023	14:00:00	.07	-0.01	.01	-0.09	1.59	-0.33	80.78	79.73	78.39	5.28	Time
4/22/2023	14:15:00	.04	-0.01	-0.01	-0.09	1.60	-0.32	79.66	79.28	78.75	5.31	Time
4/22/2023	14:30:00	.05	-0.03	.01	-0.07	1.83	-0.35	81.53	79.65	80.23	5.30	Time
4/22/2023	14:40:56	.03	-0.05	-0.03	-0.05	1.17	-0.35	80.40	78.67	78.81	5.30	Serial
4/22/2023	14:45:00	.04	-0.05	-0.03	-0.09	1.31	-0.35	80.40	78.67	78.93	5.30	Time
4/22/2023	14:50:07	.04	.01	-0.01	-0.07	1.31	-0.19	79.83	79.61	78.91	5.29	Serial
4/22/2023	15:00:00	.04	-0.01	.01	-0.07	1.31	-0.33	79.83	78.15	78.90	5.27	Time
4/22/2023	15:12:44	.04	-0.01	.00	-0.03	1.31	-0.33	78.16	74.16	78.38	5.29	Serial
4/22/2023	15:15:00	.04	-0.01	.00	-0.07	1.31	-0.33	78.16	73.99	78.39	5.30	Time
4/22/2023	15:30:00	.03	-0.02	-0.03	-0.07	1.86	-0.34	82.29	75.08	79.86	5.34	Time

\* - Records have been modified

4/27/2023 8:34:44AM

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PLD23LR002 – West Reading – NTSB  
NTSB-UGI-02078

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**Segment D**

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**Pressure Test Data Sheet**



Upstream of retinal sensor  
to Buddy #2

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (1.25" PE - Segment D) Operating Pressure Test  
 District: Reading Work Request: \_\_\_\_\_ Date Test Completed: 4/26/2023  
 System MAOP: 60 psig  
 Target Test Pressure: 53 psig  
 Test Duration: 0.5 hours Test Medium: Air

Flux Duty  
 ERX Box Temp  
 9-26-22  
 13177708

Pressure recorder number/model: 214066 / 213241 Pressure gauge number: 214066 / 213241  
 Pressure recorder calibration date: 6/15/2022 / 6/4/2022 Pressure gauge certification date: 6/15/2022 / 6/4/2022

Pressure and Temperature Test Data							
Minutes	Hours	Time	PSIG	Flux Temp	Air Temp	Weather Conditions	Remarks
30		prior					
		1:07	0.2	65.1	59.1	Partly Cloudy	
0		1:09	26.3	65.4	58.9	Partly Cloudy	Increment Start
5		1:14	26.2	64.8	58.8	Partly Cloudy	Increment End
0	0	1:17	53.8	64.1	58.8	Partly Cloudy	Test Start
15	0.25	1:32	53.7	60.9	58.8	Partly Cloudy	
30	0.5	1:47	53.6	59.9	58.8	Partly Cloudy	Test End
0	0	1:48	27.2	59.9	58.8	Partly Cloudy	Increment Down
5		1:53	27.3	59.7	58.8	Partly Cloudy	Increment End
		2:03	0.1	59.5	58.9	Partly Cloudy	

→ went to 50 psig during pressure up

Time and date test started: 1:17 pm 4/26/2023 Time and date test ended: 1:47 pm 4/26/2023  
 Minimum pressure observed: 53.6 PSIG Test conducted by: UGI

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures: \_\_\_\_\_

UGI Inspector: \_\_\_\_\_ Signature: \_\_\_\_\_

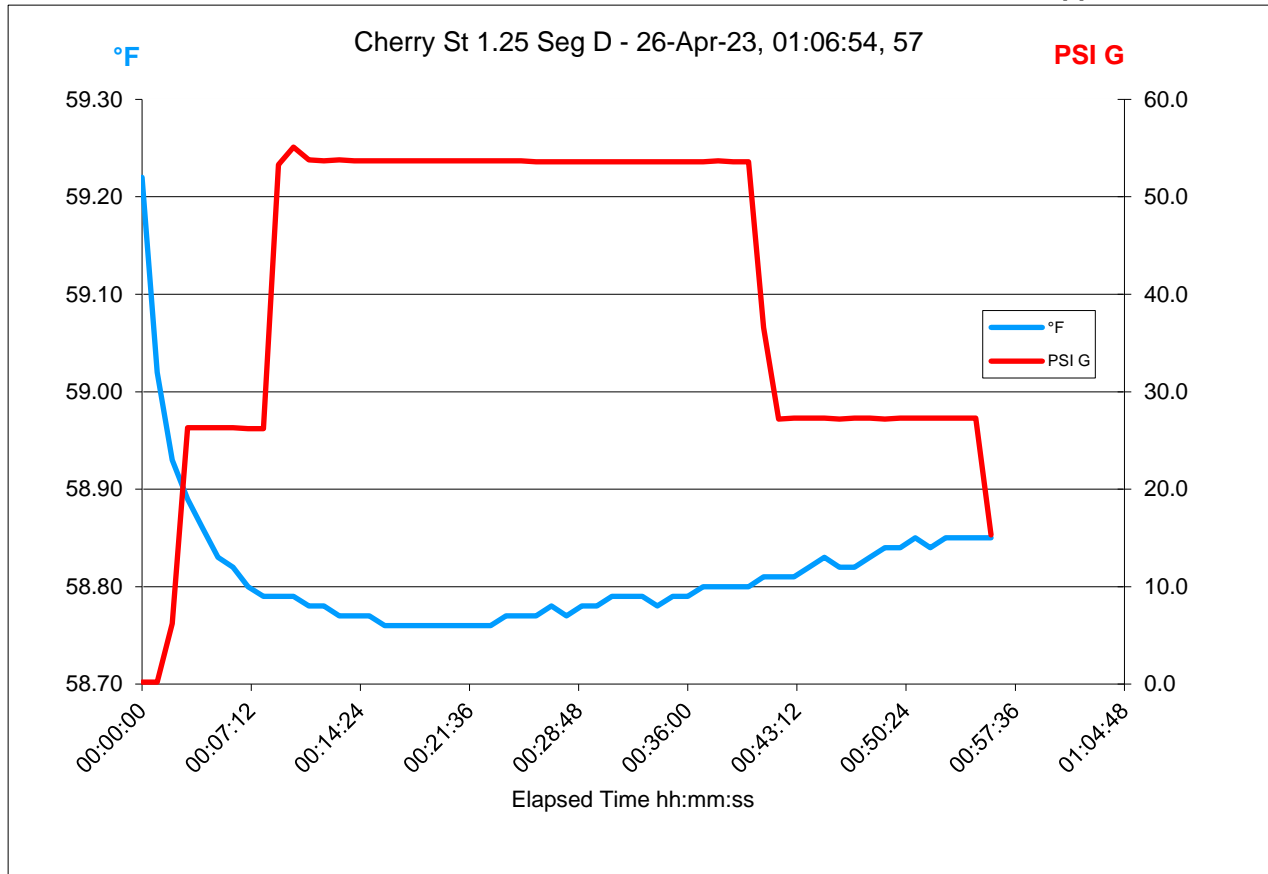
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	8					
Run Start Time	26-Apr-23/13:06:54					
Run Duration	56 minutes					
Run Tag	Cherry St 1.25 Seg D					
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	59.22	0.2
2	00:01:00.0	59.02	0.2
3	00:02:00.0	58.93	6.2
4	00:03:00.0	58.89	26.3
5	00:04:00.0	58.86	26.3
6	00:05:00.0	58.83	26.3
7	00:06:00.0	58.82	26.3
8	00:07:00.0	58.80	26.2
9	00:08:00.0	58.79	26.2
10	00:09:00.0	58.79	53.3
11	00:10:00.0	58.79	55.1
12	00:11:00.0	58.78	53.8
13	00:12:00.0	58.78	53.7
14	00:13:00.0	58.77	53.8
15	00:14:00.0	58.77	53.7
16	00:15:00.0	58.77	53.7
17	00:16:00.0	58.76	53.7
18	00:17:00.0	58.76	53.7
19	00:18:00.0	58.76	53.7
20	00:19:00.0	58.76	53.7

21	00:20:00.0	58.76	53.7
22	00:21:00.0	58.76	53.7
23	00:22:00.0	58.76	53.7
24	00:23:00.0	58.76	53.7
25	00:24:00.0	58.77	53.7
26	00:25:00.0	58.77	53.7
27	00:26:00.0	58.77	53.6
28	00:27:00.0	58.78	53.6
29	00:28:00.0	58.77	53.6
30	00:29:00.0	58.78	53.6
31	00:30:00.0	58.78	53.6
32	00:31:00.0	58.79	53.6
33	00:32:00.0	58.79	53.6
34	00:33:00.0	58.79	53.6
35	00:34:00.0	58.78	53.6
36	00:35:00.0	58.79	53.6
37	00:36:00.0	58.79	53.6
38	00:37:00.0	58.80	53.6
39	00:38:00.0	58.80	53.7
40	00:39:00.0	58.80	53.6
41	00:40:00.0	58.80	53.6
42	00:41:00.0	58.81	36.6
43	00:42:00.0	58.81	27.2
44	00:43:00.0	58.81	27.3
45	00:44:00.0	58.82	27.3
46	00:45:00.0	58.83	27.3
47	00:46:00.0	58.82	27.2
48	00:47:00.0	58.82	27.3
49	00:48:00.0	58.83	27.3
50	00:49:00.0	58.84	27.2
51	00:50:00.0	58.84	27.3
52	00:51:00.0	58.85	27.3
53	00:52:00.0	58.84	27.3
54	00:53:00.0	58.85	27.3
55	00:54:00.0	58.85	27.3
56	00:55:00.0	58.85	27.3
57	00:56:00.0	58.85	15.3

**ERX Data**

### Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/26/2023 1:00:00 PM To 4/26/2023 2:20:20 PM

Report Date: 4/27/2023 8:21:16AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Casc Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	13:00:00	.06	-0.06	-0.03	-0.06	1.17	-0.20	92.87	65.43	73.50	5.42	Time
4/26/2023	13:07:49	.05	.01	.08	-0.06	.43	-0.14	65.43	64.75	70.53	5.42	Mag
4/26/2023	13:15:00	.05	.01	.08	-0.06	.43	-0.14	65.43	64.75	70.53	5.42	Time
4/26/2023	13:30:00	.04	-0.00	.11	-0.08	.35	-0.08	64.07	61.20	64.38	5.42	Time
4/26/2023	13:30:01	.02	.02	-0.08	-0.08	-0.05	-0.05	61.20	61.20	64.38	5.41	Mag
4/26/2023	13:45:00	.02	.00	.11	-0.08	-0.05	-0.05	61.20	59.87	64.72	5.45	Time
4/26/2023	13:46:33	.00	.00	.03	-0.08	-0.05	-0.05	59.87	59.87	64.72	5.44	Mag
4/26/2023	14:00:00	.00	-0.01	.03	-0.08	.08	-0.06	59.87	59.54	64.89	5.40	Time
4/26/2023	14:03:28	.00	.00	.02	-0.08	.22	-0.05	59.54	59.54	64.67	5.39	Mag
4/26/2023	14:15:00	.00	.00	.05	-0.08	.22	-0.05	61.03	59.54	64.89	5.40	Time

\* - Records have been modified  
4/27/2023 8:21:16AM

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**Segment E**

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**Pressure Test Data Sheet**

Service to Building #2

PRESSURE TEST DATA SHEET

Segment E

Project Description: 17 S 2nd Ave (1" PE Service) Operating Pressure Test

District: Reading Work Request: Date Test Completed: 4/26/2023

System MAOP: 60 psig

Target Test Pressure: 53 psig

Test Duration: 0.5 hours Test Medium: Air

Pressure recorder number/model: 103537 / 108511 Pressure gauge number: 103537 / 108511

Pressure recorder calibration date: 10/5/2023 / 10/5/2023 Pressure gauge certification date: 10/5/2023 / 10/5/2023

ERX Fluid Temp only  
13177691  
5-6-22

Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
		2:06	-0.4	63.2	62.8	Partly Cloudy	
0		2:10	26.4	64.2	61	Partly Cloudy	Increment Start
5		2:15	26.3	65.7	61.9	Partly Cloudy	Increment End
0	0	2:17	53.8	65.7	62.0	Partly Cloudy	Test Start
15	0.25	2:32	53.6	65.3	62.0	Partly Cloudy	
30	0.5	2:47	53.0	64.97	62.0	Partly Cloudy	Test End
0	0	2:48	19.8	64.8	62.0	Partly Cloudy	Increment Down
5		2:53	19.8	64.5	62.0	Partly Cloudy	Increment End
		2:54	-0.7	64.4	62.0	Partly Cloudy	

Get to 68 during pressure test

Time and date test started: 2:47 ~~4/26/2023~~ Time and date test ended: 2:47 4/26/2023

Minimum pressure observed: 53.0 PSIG Test conducted by: UGI

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures:

UGI Inspector: [Redacted] Signature: [Redacted]

Service to Building #2

PRESSURE TEST DATA SHEET

Segment E

Project Description: 17 S 2nd Ave (1" PE Service) Operating Pressure Test

District: Reading Work Request: Date Test Completed: 4/26/2023

System MAOP: 60 psig

Target Test Pressure: 53 psig

Test Duration: 0.5 hours Test Medium: Air

Pressure recorder number/model: 103537 / 108511 Pressure gauge number: 103537 / 108511

Pressure recorder calibration date: 10/5/2023 / 10/5/2023 Pressure gauge certification date: 10/5/2023 / 10/5/2023

ERX Fluid Temp only  
13177691  
5-6-22

Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
		1:51	-0.7	61.59	62.9	Partly Cloudy	
0		1:54	25.6	62.8	62.8	Partly Cloudy	Increment Start
5		2:00	22.7	63.4	62.3		Increment End
0	0						Test Start
15	0.25						
30	0.5						Test End
0	0						Increment Down
5							Increment End

Stopped test, tighter fittings

Time and date test started: TCR cancelled Time and date test ended:

Minimum pressure observed:

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures: Stopped test, tightened test head

UGI Inspector: [Redacted] Signature: [Redacted]

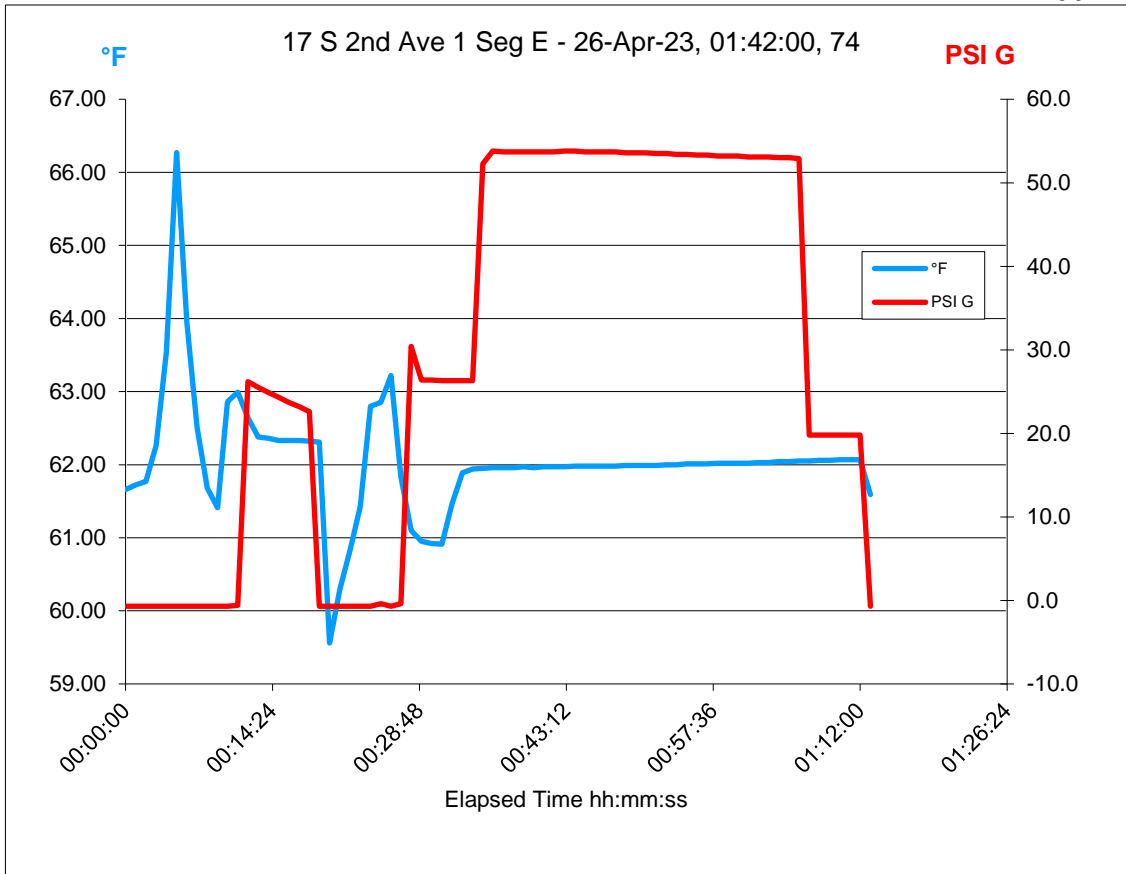
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	109422	108511	103537
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	109422	108511	103537		108511	103537
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		5-Oct-23	5-Oct-23			
Run Index	4					
Run Start Time	26-Apr-23/13:42:00					
Run Duration	1 hour 13 minutes					
Run Tag	17 S 2nd Ave 1 Seg E					
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	61.66	-0.7
2	00:01:00.0	61.72	-0.7
3	00:02:00.0	61.77	-0.7
4	00:03:00.0	62.26	-0.7
5	00:04:00.0	63.54	-0.7
6	00:05:00.0	66.27	-0.7
7	00:06:00.0	63.95	-0.7
8	00:07:00.0	62.51	-0.7
9	00:08:00.0	61.68	-0.7
10	00:09:00.0	61.41	-0.7
11	00:10:00.0	62.86	-0.7
12	00:11:00.0	62.99	-0.6
13	00:12:00.0	62.64	26.2
14	00:13:00.0	62.38	25.5
15	00:14:00.0	62.36	24.9
16	00:15:00.0	62.33	24.3
17	00:16:00.0	62.33	23.7
18	00:17:00.0	62.33	23.2
19	00:18:00.0	62.32	22.6

20	00:19:00.0	62.31	-0.7
21	00:20:00.0	59.56	-0.7
22	00:21:00.0	60.29	-0.7
23	00:22:00.0	60.83	-0.7
24	00:23:00.0	61.43	-0.7
25	00:24:00.0	62.80	-0.7
26	00:25:00.0	62.85	-0.4
27	00:26:00.0	63.22	-0.7
28	00:27:00.0	61.83	-0.4
29	00:28:00.0	61.10	30.4
30	00:29:00.0	60.95	26.4
31	00:30:00.0	60.92	26.4
32	00:31:00.0	60.91	26.3
33	00:32:00.0	61.47	26.3
34	00:33:00.0	61.89	26.3
35	00:34:00.0	61.94	26.3
36	00:35:00.0	61.95	52.3
37	00:36:00.0	61.96	53.8
38	00:37:00.0	61.96	53.7
39	00:38:00.0	61.96	53.7
40	00:39:00.0	61.97	53.7
41	00:40:00.0	61.96	53.7
42	00:41:00.0	61.97	53.7
43	00:42:00.0	61.97	53.7
44	00:43:00.0	61.97	53.8
45	00:44:00.0	61.98	53.8
46	00:45:00.0	61.98	53.7
47	00:46:00.0	61.98	53.7
48	00:47:00.0	61.98	53.7
49	00:48:00.0	61.98	53.7
50	00:49:00.0	61.99	53.6
51	00:50:00.0	61.99	53.6
52	00:51:00.0	61.99	53.6
53	00:52:00.0	61.99	53.5
54	00:53:00.0	62.00	53.5
55	00:54:00.0	62.00	53.4
56	00:55:00.0	62.01	53.4
57	00:56:00.0	62.01	53.3
58	00:57:00.0	62.01	53.3
59	00:58:00.0	62.02	53.2
60	00:59:00.0	62.02	53.2
61	01:00:00.0	62.02	53.2
62	01:01:00.0	62.02	53.1
63	01:02:00.0	62.03	53.1
64	01:03:00.0	62.03	53.1
65	01:04:00.0	62.04	53.0
66	01:05:00.0	62.04	53.0
67	01:06:00.0	62.05	52.9

68	01:07:00.0	62.05	19.8
69	01:08:00.0	62.06	19.8
70	01:09:00.0	62.06	19.8
71	01:10:00.0	62.07	19.8
72	01:11:00.0	62.07	19.8
73	01:12:00.0	62.07	19.8
74	01:13:00.0	61.59	-0.7

**ERX Data**



**Audit Trail Report(Without Summary)**

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/26/2023 1:50:45 PM To 4/26/2023 3:00:33 PM

Report Date: 4/27/2023 8:41:37AM

Site Name: Direct Connect

Site ID: 13177691-13177691 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	13:57:07	.02	.00	-0.07	-0.07	.75	-0.08	65.14	64.46	64.72	5.33	Mag
4/26/2023	14:00:00	.02	.00	-0.07	-0.07	.75	-0.08	65.14	64.46	64.72	5.33	Time
4/26/2023	14:09:29	.02	-0.01	-0.07	-0.07	.47	-0.08	64.81	64.12	64.89	5.32	Mag
4/26/2023	14:15:00	.02	-0.01	-0.07	-0.07	.47	-0.08	64.81	64.12	64.89	5.32	Time
4/26/2023	14:20:51	.02	-0.00	-0.07	-0.07	.33	-0.08	66.50	66.33	65.23	5.33	Mag
4/26/2023	14:30:00	.02	-0.00	-0.07	-0.07	.33	-0.08	66.50	66.33	65.23	5.33	Time
4/26/2023	14:34:14	.02	-0.00	-0.07	-0.07	.87	-0.09	65.14	64.47	65.23	5.33	Mag
4/26/2023	14:45:00	.02	-0.01	-0.07	-0.07	.87	-0.09	65.14	62.94	65.40	5.32	Time
4/26/2023	14:46:49	.02	-0.02	-0.07	-0.07	1.29	-0.08	62.94	62.77	65.23	5.32	Mag
4/26/2023	14:57:48	.02	-0.02	-0.07	-0.07	1.29	-0.08	62.94	62.07	64.89	5.32	Mag
4/26/2023	15:00:00	.02	-0.02	-0.07	-0.07	1.29	-0.08	62.94	62.07	64.89	5.32	Time

\* - Records have been modified  
4/27/2023 8:41:37AM

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**Segment F**

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**Pressure Test Data Sheet**

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (1.25" PE - Segment F) Operating Pressure Test  
 District: Reading Work Request: \_\_\_\_\_ Date Test Completed: 4/26/2023  
 System MAOP: 60 psig  
 Target Test Pressure: 53 psig Test Medium: Air  
 Test Duration: 0.5 hours  
 Pressure recorder number/model: 214006 / 213241 Pressure gauge number: 214006 / 213241  
 Pressure recorder calibration date: 6/15/2022 / 6/4/2022 Pressure gauge certification date: 6/15/2022 / 6/4/2022

*Fluid Only  
 ERX Box Temp  
 9-26-22  
 13177208*

Pressure and Temperature Test Data							
Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior		<u>2:21</u>	<u>0.1</u>	<u>62.7</u>	<u>61.8</u>	<u>Partly Cloudy</u>	
<del>30 prior</del>		<u>2:24</u>	<u>26.0</u>	<u>63.20</u>	<u>61.6</u>		Increment Start
		<u>2:29</u>	<u>26.0</u>	<u>63.19</u>	<u>62.2</u>		Increment End
	0	<u>2:32</u>	<u>53.8</u>	<u>63.32</u>	<u>61.91</u>	<u>61.91 - ambient</u>	Test Start
15	0.25	<u>2:47</u>	<u>53.7</u>	<u>62.37</u>	<u>61.72</u>		
30	0.5	<u>3:02</u>	<u>53.6</u>	<u>62.74</u>	<u>62.8</u>		Test End
		<u>3:04</u>	<u>26.7</u>	<u>62.37</u>	<u>62.45</u>		Increment Down
5		<u>3:09</u>	<u>26.7</u>	<u>62.54</u>	<u>62.50</u>		Increment End
		<u>3:10</u>	<u>0.1</u>	<u>62.71</u>	<u>62.66</u>		

Time and date test started: 2:32 pm 4/26/2023 Time and date test ended: 3:02 4/26/2023  
 Minimum pressure observed: 53.6 Test conducted by: V61  
 Leaks or failures present during Test? Yes  No

Description of Leaks or Failures: \_\_\_\_\_  
 UGI Inspector: [Redacted] Signature: [Redacted] 4/26/2023

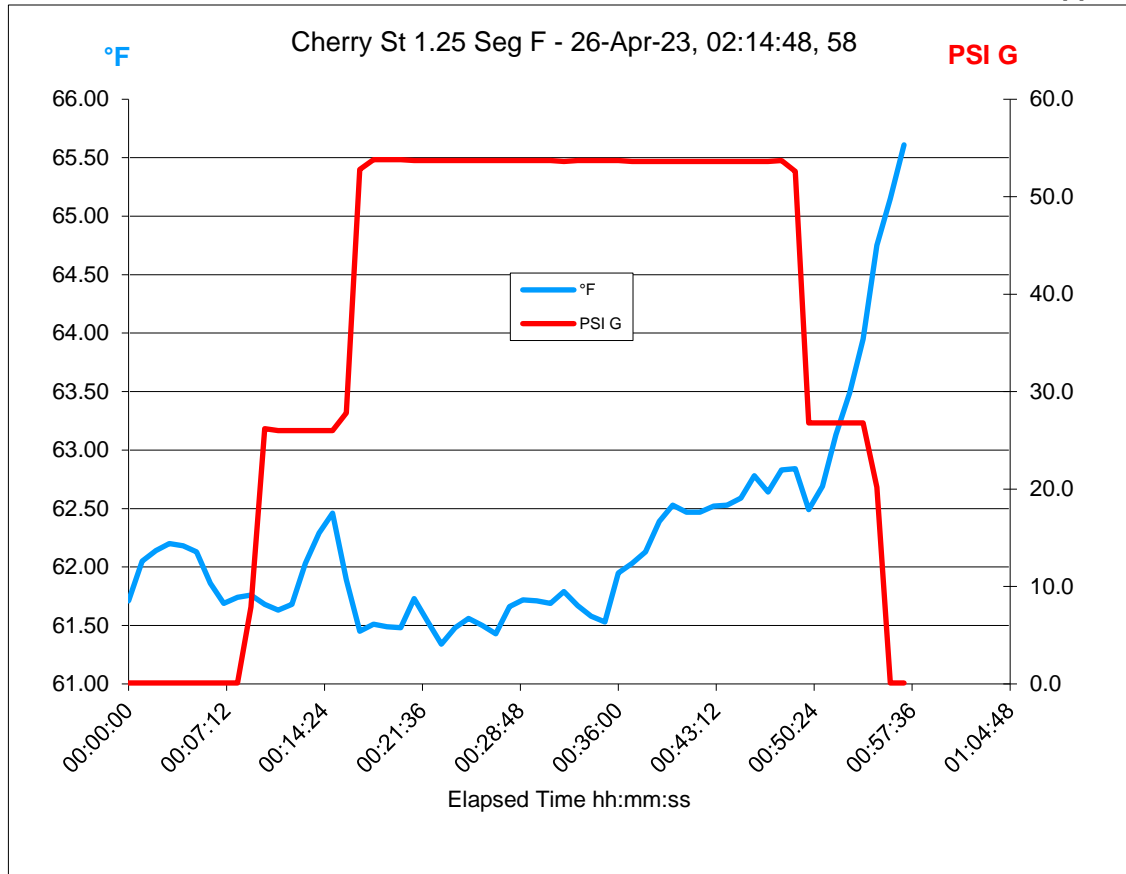
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	<b>Chassis</b>	<b>Lower Module</b>	<b>Upper Module</b>	<b>BARO Module</b>	<b>Left Scale</b>	<b>Right Scale</b>
<b>Serial Number</b>	216348	214066	213241		214066	213241
<b>Model</b>	NV	RTD100	3KPSI			
<b>Message Store</b>						
<b>Userspan</b>		1.00000	1.00000			
<b>Offset</b>						
<b>Datatype</b>					Lower	Upper
<b>Units</b>		°F	PSI G		°F	PSI G
<b>Tare</b>						
<b>Average</b>						
<b>User Factor</b>						
<b>User Offset</b>						
<b>User Resolution</b>						
<b>Firmware Version</b>	<b>R080016</b>	<b>R100006</b>	<b>R090009</b>			
<b>Calibration Due</b>		18-Jul-23	18-Jul-23			
<b>Run Index</b>	9					
<b>Run Start Time</b>	26-Apr-23/14:14:48					
<b>Run Duration</b>	57 minutes					
<b>Run Tag</b>	Cherry St 1.25 Seg F					
<b>Logging Interval</b>	60.0					

<b>Data Points</b>			
<b>Point #</b>	<b>Time</b>	<b>Left - °F</b>	<b>Right - PSI G</b>
1	00:00:00.0	61.71	0.1
2	00:01:00.0	62.05	0.1
3	00:02:00.0	62.14	0.1
4	00:03:00.0	62.20	0.1
5	00:04:00.0	62.18	0.1
6	00:05:00.0	62.13	0.1
7	00:06:00.0	61.86	0.1
8	00:07:00.0	61.69	0.1
9	00:08:00.0	61.74	0.1
10	00:09:00.0	61.76	7.9
11	00:10:00.0	61.68	26.2
12	00:11:00.0	61.63	26.0
13	00:12:00.0	61.68	26.0
14	00:13:00.0	62.03	26.0
15	00:14:00.0	62.29	26.0
16	00:15:00.0	62.46	26.0
17	00:16:00.0	61.89	27.8
18	00:17:00.0	61.45	52.8

19	00:18:00.0	61.51	53.8
20	00:19:00.0	61.49	53.8
21	00:20:00.0	61.48	53.8
22	00:21:00.0	61.73	53.7
23	00:22:00.0	61.53	53.7
24	00:23:00.0	61.34	53.7
25	00:24:00.0	61.48	53.7
26	00:25:00.0	61.56	53.7
27	00:26:00.0	61.50	53.7
28	00:27:00.0	61.43	53.7
29	00:28:00.0	61.66	53.7
30	00:29:00.0	61.72	53.7
31	00:30:00.0	61.71	53.7
32	00:31:00.0	61.69	53.7
33	00:32:00.0	61.79	53.6
34	00:33:00.0	61.67	53.7
35	00:34:00.0	61.58	53.7
36	00:35:00.0	61.53	53.7
37	00:36:00.0	61.95	53.7
38	00:37:00.0	62.03	53.6
39	00:38:00.0	62.13	53.6
40	00:39:00.0	62.39	53.6
41	00:40:00.0	62.53	53.6
42	00:41:00.0	62.47	53.6
43	00:42:00.0	62.47	53.6
44	00:43:00.0	62.52	53.6
45	00:44:00.0	62.53	53.6
46	00:45:00.0	62.59	53.6
47	00:46:00.0	62.78	53.6
48	00:47:00.0	62.64	53.6
49	00:48:00.0	62.83	53.7
50	00:49:00.0	62.84	52.6
51	00:50:00.0	62.49	26.8
52	00:51:00.0	62.69	26.8
53	00:52:00.0	63.13	26.8
54	00:53:00.0	63.49	26.8
55	00:54:00.0	63.95	26.8
56	00:55:00.0	64.75	20.2
57	00:56:00.0	65.15	0.1
58	00:57:00.0	65.61	0.1



**ERX Data**

### Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/26/2023 2:15:00 PM To 4/26/2023 3:15:06 PM

Report Date: 4/27/2023 8:22:15AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	14:15:00	.00	.00	.05	-0.08	.22	-0.05	61.03	59.54	64.89	5.40	Time
4/26/2023	14:21:16	.00	.00	.09	-0.08	.09	-0.05	62.71	61.03	64.38	5.42	Mag
4/26/2023	14:30:00	.00	.00	.09	-0.08	.09	-0.05	62.71	61.03	64.38	5.42	Time
4/26/2023	14:32:53	.00	.00	.03	-0.08	-0.05	-0.05	63.39	63.22	64.55	5.39	Mag
4/26/2023	14:45:00	.01	-0.01	.03	-0.08	-0.05	-0.05	63.39	62.54	64.21	5.41	Time
4/26/2023	14:48:01	.01	-0.01	.07	-0.08	-0.04	-0.04	62.54	62.37	63.87	5.40	Mag
4/26/2023	14:58:49	.01	-0.01	.07	-0.08	-0.04	-0.05	62.54	62.20	64.38	5.40	Mag
4/26/2023	15:00:00	.01	-0.01	.07	-0.08	-0.04	-0.05	62.54	62.20	64.38	5.40	Time
4/26/2023	15:10:48	.00	-0.01	.03	-0.08	-0.05	-0.05	62.54	62.37	64.89	5.41	Mag
4/26/2023	15:15:00	.00	-0.01	.03	-0.08	-0.05	-0.05	62.54	62.37	64.89	5.41	Time

\* - Records have been modified  
4/27/2023 8:22:15AM

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**Segment G**

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**Pressure Test Data Sheet**

Send to Building #1

Segment G

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (0.5" PE Service) Operating Pressure Test

District: Reading Work Request: Date Test Completed: 4/26/2023

System MAOP: 60 psig

Target Test Pressure: 53 psig

Test Duration: 0.5 hours

Test Medium: Air

Pressure recorder number/model: 103537/108511

Pressure gauge number: 103537/108511

Pressure recorder calibration date: 10/5/2023 / 10/5/2023

Pressure gauge certification date: 10/5/2023 / 10/5/2023

ERX FluidTemp Only  
13177691  
5-6-22

Pressure and Temperature Test Data							
Minutes	Hour	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
		3:06 PM	0.6	65.3	59.3	Partly Cloudy	
0		3:14	25.9	66.5	57	Partly Cloudy	Increment Start
5		3:19	25.9	66.3	57.1	Partly Cloudy	Increment End
0	0	3:20	54.0	66.2	57.1	Partly Cloudy	Test Start
15	0.25	3:35	53.7	63.8	57.1	Partly Cloudy	
30	0.5	3:50	53.6	62.3	57.1	Partly Cloudy	Test End
0	0	3:51	27.1	62.3	57.1	Partly Cloudy	Increment Down
5		3:56	27.1	62.1	57.1	Partly Cloudy	Increment End
		3:57	-0.7	62.4	56.8	Partly Cloudy	

→ 61.2 during pressure up  
→ 57 during pressure up

Time and date test started: 3:20 pm 4/26/2023

Time and date test ended: 3:50 pm 4/26/2023

Minimum pressure observed: 53.6 psig

Test conducted by: UGE

Leaks or failures present during Test? Yes  No

Description of Leaks or Failures:

UGI Inspector: [Redacted] Signature: [Redacted]

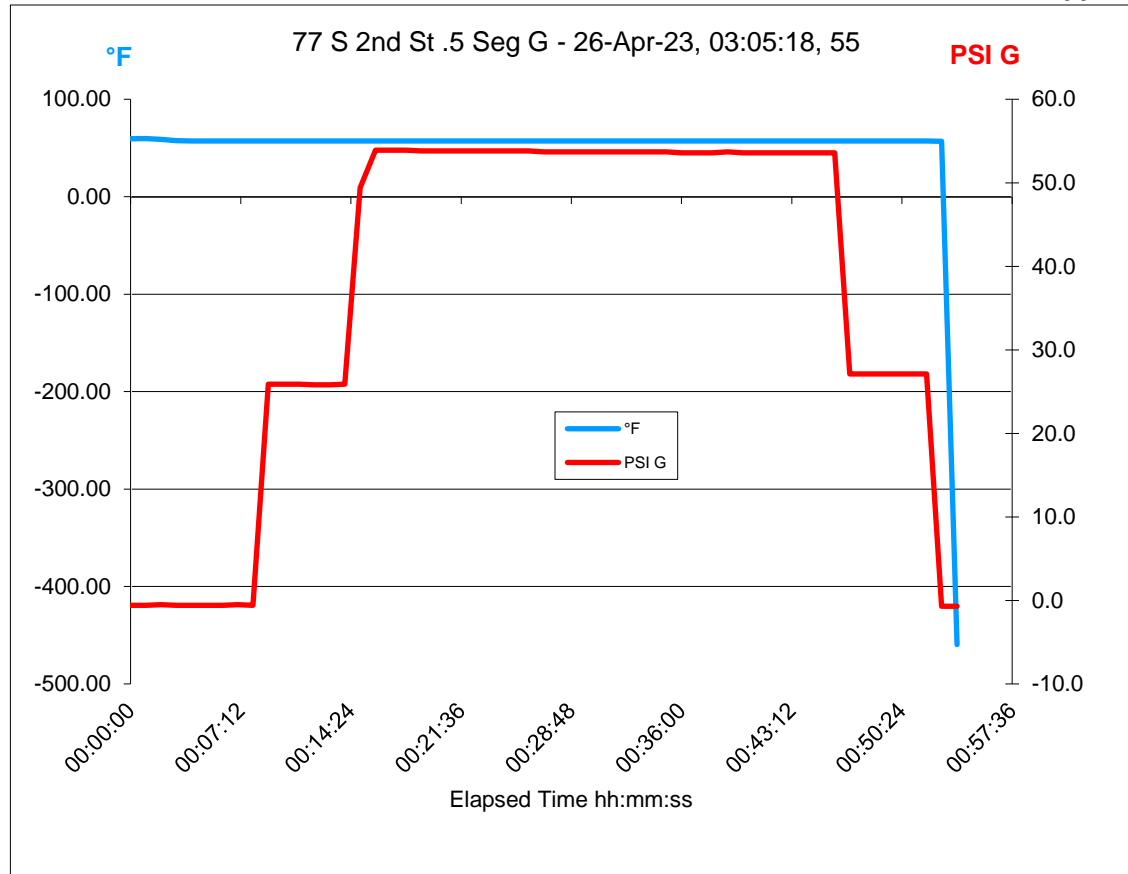
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	109422	108511	103537
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	<b>Chassis</b>	<b>Lower Module</b>	<b>Upper Module</b>	<b>BARO Module</b>	<b>Left Scale</b>	<b>Right Scale</b>
<b>Serial Number</b>	109422	108511	103537		108511	103537
<b>Model</b>	NV	RTD100	3KPSI			
<b>Message Store</b>						
<b>Userspan</b>		1.00000	1.00000			
<b>Offset</b>						
<b>Datatype</b>					Lower	Upper
<b>Units</b>		°F	PSI G		°F	PSI G
<b>Tare</b>						
<b>Average</b>						
<b>User Factor</b>						
<b>User Offset</b>						
<b>User Resolution</b>						
<b>Firmware Version</b>	<b>R080016</b>	<b>R100006</b>	<b>R090009</b>			
<b>Calibration Due</b>		5-Oct-23	5-Oct-23			
<b>Run Index</b>	5					
<b>Run Start Time</b>	26-Apr-23/15:05:18					
<b>Run Duration</b>	54 minutes					
<b>Run Tag</b>	77 S 2nd St .5 Seg G					
<b>Logging Interval</b>	60.0					

<b>Data Points</b>			
<b>Point #</b>	<b>Time</b>	<b>Left - °F</b>	<b>Right - PSI G</b>
1	00:00:00.0	59.62	-0.6
2	00:01:00.0	59.66	-0.6
3	00:02:00.0	58.71	-0.5
4	00:03:00.0	57.54	-0.6
5	00:04:00.0	57.23	-0.6
6	00:05:00.0	57.14	-0.6
7	00:06:00.0	57.12	-0.6
8	00:07:00.0	57.10	-0.5
9	00:08:00.0	57.09	-0.6
10	00:09:00.0	57.09	25.9
11	00:10:00.0	57.09	25.9
12	00:11:00.0	57.08	25.9
13	00:12:00.0	57.09	25.8
14	00:13:00.0	57.08	25.8
15	00:14:00.0	57.08	25.9
16	00:15:00.0	57.08	49.4
17	00:16:00.0	57.08	53.9
18	00:17:00.0	57.08	53.9



19	00:18:00.0	57.08	53.9
20	00:19:00.0	57.09	53.8
21	00:20:00.0	57.09	53.8
22	00:21:00.0	57.09	53.8
23	00:22:00.0	57.09	53.8
24	00:23:00.0	57.09	53.8
25	00:24:00.0	57.10	53.8
26	00:25:00.0	57.10	53.8
27	00:26:00.0	57.10	53.8
28	00:27:00.0	57.10	53.7
29	00:28:00.0	57.10	53.7
30	00:29:00.0	57.10	53.7
31	00:30:00.0	57.10	53.7
32	00:31:00.0	57.11	53.7
33	00:32:00.0	57.11	53.7
34	00:33:00.0	57.10	53.7
35	00:34:00.0	57.11	53.7
36	00:35:00.0	57.11	53.7
37	00:36:00.0	57.11	53.6
38	00:37:00.0	57.11	53.6
39	00:38:00.0	57.12	53.6
40	00:39:00.0	57.11	53.7
41	00:40:00.0	57.12	53.6
42	00:41:00.0	57.12	53.6
43	00:42:00.0	57.12	53.6
44	00:43:00.0	57.12	53.6
45	00:44:00.0	57.12	53.6
46	00:45:00.0	57.12	53.6
47	00:46:00.0	57.12	53.6
48	00:47:00.0	57.12	27.1
49	00:48:00.0	57.12	27.1
50	00:49:00.0	57.12	27.1
51	00:50:00.0	57.13	27.1
52	00:51:00.0	57.14	27.1
53	00:52:00.0	57.13	27.1
54	00:53:00.0	56.96	-0.7
55	00:54:00.0	-459.67	-0.7

**ERX Data**

### Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/26/2023 2:50:45 PM To 4/26/2023 4:00:04 PM

Report Date: 4/27/2023 8:45:34AM

Site Name: Direct Connect

Site ID: 13177691-13177691 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	14:57:48	.02	-0.02	-0.07	-0.07	1.29	-0.08	62.94	62.07	64.89	5.32	Mag
4/26/2023	15:00:00	.02	-0.02	-0.07	-0.07	1.29	-0.08	62.94	62.07	64.89	5.32	Time
4/26/2023	15:15:00	.03	-0.01	-0.07	-0.07	.89	-0.06	61.83	61.59	62.87	5.32	Time
4/26/2023	15:30:00	.03	-0.04	-0.07	-0.08	1.20	-0.10	85.98	59.82	66.25	5.32	Time
4/26/2023	15:45:00	.01	-0.03	-0.05	-0.07	1.46	-0.21	87.97	86.13	72.62	5.35	Time
4/26/2023	16:00:00	.01	-0.03	-0.04	-0.05	1.78	-0.27	86.87	82.67	75.84	5.33	Time

\* - Records have been modified  
4/27/2023 8:45:34AM

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**Segment H**

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**Pressure Test Data Sheet**

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (1.25" PE - Segment H) Operating Pressure Test  
 District: Reading Work Request: \_\_\_\_\_ Date Test Completed: 4/26/2023  
 System MAOP: 60 psig  
 Target Test Pressure: 53 psig  
 Test Duration: 0.5 hours  
 Test Medium: Air  
 Pressure recorder number/model: \_\_\_\_\_ Pressure gauge number: 103537 / 108511  
 Pressure recorder calibration date: \_\_\_\_\_ Pressure gauge certification date: \_\_\_\_\_

Fluid Temperature Only  
 ERX Box  
 9-26-22  
 13177708

Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
		3:18	0.1	65.75	54.68	Partly cloudy	
		3:21	26.7	66.6	54.59		Increment Start
5							Increment End
0	0						Test Start
15	0.25						Test End
30	0.5						Increment Down
0	0						Increment End
5							

Had to reset test cap, test restarted, see below

Time and date test started: \_\_\_\_\_ Time and date test ended: \_\_\_\_\_  
 Minimum pressure observed: \_\_\_\_\_ Test conducted by: \_\_\_\_\_  
 Leaks or failures present during Test? Yes No  
 Description of Leaks or Failures: \_\_\_\_\_  
 UGI Inspector: \_\_\_\_\_ Signature: \_\_\_\_\_

PRESSURE TEST DATA SHEET

Project Description: 77 S 2nd Ave (1.25" PE - Segment H) Operating Pressure Test  
 District: Reading Work Request: \_\_\_\_\_ Date Test Completed: 4/26/2023  
 System MAOP: 60 psig  
 Target Test Pressure: 53 psig  
 Test Duration: 0.5 hours  
 Test Medium: Air  
 Pressure recorder number/model: 214066 / 213244  
 Pressure gauge number: 214066 / 213244  
 Pressure recorder calibration date: 6/15/2022 / 4/9/2022  
 Pressure gauge certification date: 6/15/2022 / 4/9/2022

Fluid Temperature Only  
 ERX Box  
 9-26-22  
 13177708

Minutes	Hours	Time	PSIG	Fluid Temp	Air Temp	Weather Conditions	Remarks
30 prior							
15 prior		3:26	0.1	66.77	54.59	Partly cloudy	
0		3:26	27.7	66.74	54.59		Increment Start
5		3:31	27.7	67.45	54.59		Increment End
0	0	3:34	53.9	67.28	54.58		Test Start
10	0.20	3:49	53.8	64.41	54.58		Test End
30	0.5	4:04	53.8	62.98	54.57		Increment Down
0	0	4:05	27.2	62.71	54.57		Increment End
5		4:11	27.3	61.70	54.57		
		4:11	0.1	62.70	54.60		

Time and date test started: 3:34 pm 4/26/2023 Time and date test ended: 4:04 pm 4/26/2023  
 Minimum pressure observed: 53.8 psig Test conducted by: VBI  
 Leaks or failures present during Test? Yes No  
 Description of Leaks or Failures: \_\_\_\_\_  
 UGI Inspector: \_\_\_\_\_ Signature: \_\_\_\_\_ 4/26/2023

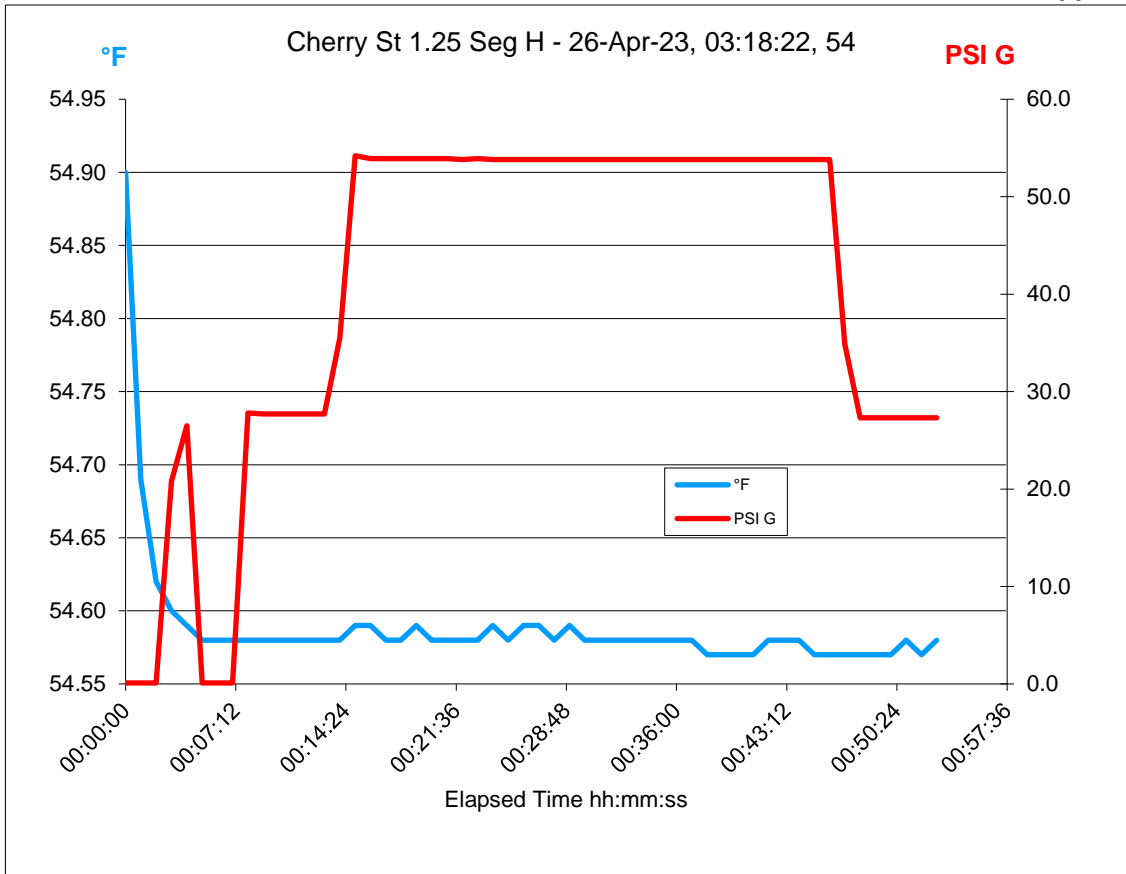
**nVision Graph and Raw Data**

# Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper





	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	10					
Run Start Time	26-Apr-23/15:18:22					
Run Duration	53 minutes					
Run Tag	Cherry St 1.25 Seg H					
Logging Interval	60.0					

Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	54.90	0.1
2	00:01:00.0	54.69	0.1
3	00:02:00.0	54.62	0.1
4	00:03:00.0	54.60	20.8
5	00:04:00.0	54.59	26.5
6	00:05:00.0	54.58	0.1
7	00:06:00.0	54.58	0.1
8	00:07:00.0	54.58	0.1
9	00:08:00.0	54.58	27.8
10	00:09:00.0	54.58	27.7
11	00:10:00.0	54.58	27.7
12	00:11:00.0	54.58	27.7
13	00:12:00.0	54.58	27.7
14	00:13:00.0	54.58	27.7
15	00:14:00.0	54.58	35.5
16	00:15:00.0	54.59	54.2
17	00:16:00.0	54.59	53.9
18	00:17:00.0	54.58	53.9
19	00:18:00.0	54.58	53.9

20	00:19:00.0	54.59	53.9
21	00:20:00.0	54.58	53.9
22	00:21:00.0	54.58	53.9
23	00:22:00.0	54.58	53.8
24	00:23:00.0	54.58	53.9
25	00:24:00.0	54.59	53.8
26	00:25:00.0	54.58	53.8
27	00:26:00.0	54.59	53.8
28	00:27:00.0	54.59	53.8
29	00:28:00.0	54.58	53.8
30	00:29:00.0	54.59	53.8
31	00:30:00.0	54.58	53.8
32	00:31:00.0	54.58	53.8
33	00:32:00.0	54.58	53.8
34	00:33:00.0	54.58	53.8
35	00:34:00.0	54.58	53.8
36	00:35:00.0	54.58	53.8
37	00:36:00.0	54.58	53.8
38	00:37:00.0	54.58	53.8
39	00:38:00.0	54.57	53.8
40	00:39:00.0	54.57	53.8
41	00:40:00.0	54.57	53.8
42	00:41:00.0	54.57	53.8
43	00:42:00.0	54.58	53.8
44	00:43:00.0	54.58	53.8
45	00:44:00.0	54.58	53.8
46	00:45:00.0	54.57	53.8
47	00:46:00.0	54.57	53.8
48	00:47:00.0	54.57	34.9
49	00:48:00.0	54.57	27.3
50	00:49:00.0	54.57	27.3
51	00:50:00.0	54.57	27.3
52	00:51:00.0	54.58	27.3
53	00:52:00.0	54.57	27.3
54	00:53:00.0	54.58	27.3

**ERX Data**

**Audit Trail Report(Without Summary)**

Report Name: Chery st W Reading WR# 012846

Report Selections: 1 site , From 4/26/2023 3:15:00 PM To 4/26/2023 3:30:56 PM

Report Date: 4/27/2023 8:24:03AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	15:15:00	.00	-0.01	.03	-0.08	-0.05	-0.05	62.54	62.37	64.89	5.41	Time
4/26/2023	15:22:29	-0.00	-0.00	.05	-0.07	.07	-0.06	66.60	66.27	65.75	5.40	Mag
4/26/2023	15:30:00	-0.00	-0.00	.05	-0.07	.07	-0.06	66.60	66.27	65.75	5.40	Time

\* - Records have been modified

4/27/2023 8:24:03AM

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### Audit Trail Report(Without Summary)

Report Name: Chery st W Reading WR# 012840

Report Selections: 1 site , From 4/26/2023 3:15:00 PM To 4/26/2023 4:15:51 PM

Report Date: 4/27/2023 8:25:47AM

Site Name: C&M test 3

Site ID: 13177708-13177708 Log 1

Site Location:

Date	Time	P1 Int High	P1 Int Low	P2 Int High	P2 Int Low	P3 Int High	P3 Int Low	T1 Int High	T1 Int Low	Case Temperature	Battery Voltage Reading	Log Trigger
		inWC	inWC	PSIG	PSIG	PSIG	PSIG	F	F	F	Volts	
4/26/2023	15:15:00	.00	-0.01	.03	-0.08	-0.05	-0.05	62.54	62.37	64.89	5.41	Time
4/26/2023	15:22:29	-0.00	-0.00	.05	-0.07	.07	-0.06	66.60	66.27	65.75	5.40	Mag
4/26/2023	15:30:00	-0.00	-0.00	.05	-0.07	.07	-0.06	66.60	66.27	65.75	5.40	Time
4/26/2023	15:34:42	-0.00	-0.00	-0.02	-0.07	-0.06	-0.06	67.45	67.28	65.70	5.39	Mag
4/26/2023	15:45:00	-0.00	-0.00	-0.02	-0.07	-0.06	-0.06	67.45	65.43	65.74	5.37	Time
4/26/2023	15:45:01	-0.00	-0.00	-0.07	-0.07	-0.06	-0.06	65.43	65.43	65.74	5.39	Mag
4/26/2023	15:59:10	.00	-0.01	.03	-0.08	-0.05	-0.06	65.43	63.39	64.38	5.39	Mag
4/26/2023	16:00:00	.00	-0.01	.03	-0.08	-0.05	-0.06	65.43	63.39	64.38	5.39	Time
4/26/2023	16:02:58	.01	.00	-0.04	-0.06	-0.04	-0.05	63.05	63.05	64.04	5.38	Mag
4/26/2023	16:15:00	.01	-0.00	.03	-0.08	-0.03	-0.05	63.05	62.04	62.69	5.40	Time

\* - Records have been modified  
4/27/2023 8:25:47AM

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