

Transmittal Letter



TO
Keith Lemmon
12101 Brewster
Livonia, MI 48150

FROM
Kristoffer Hinskey
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ELECTRONIC COPIES TO
Jeanne Schlaufman (EGLE)
Todd Walton (Ford)
Chuck Pinter (Ford)

DATE
October 4, 2022

PROJECT NUMBER
30146655

SUBJECT
Operation, Monitoring, and
Maintenance Field Notes - 12101 Brewster

We are sending you:

Copies	Delivery Date	Description
1	10/6/2022	Operation, monitoring, and maintenance field notes.

Action*

- | | | |
|---|--|---|
| <input type="checkbox"/> A Approved | <input type="checkbox"/> CR Correct and Resubmit | <input type="checkbox"/> Resubmit ____ Copies |
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Comments:

Attached are the interim preemptive mitigation (IPM) system Operation, Monitoring, and Maintenance (OM&M) field notes. These field notes were recorded during OM&M visits at the property between March 31, 2020 and March 31, 2022. Please let me know if you have any questions.

12101 Brewster, 2020-05-19, Water Inspection

Created	2020-05-19 19:42:39 UTC by Andrew Banitt
Updated	2020-05-22 15:19:31 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2020-05-19
Time	15:42
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Cloudy
Ambient Temperature	64.04
Barometric Pressure	30.06

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
Building Condition Comments:	Good

Measurements and Valve Positions

MP-1, 15:46, -0.051

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-05-19
Time	15:46

Vacuum Reading (in. w.c.)	-0.051
Number Vacuum Reading	-0.051

MP-2, 15:49, -0.044

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-05-19
Time	15:49
Vacuum Reading (in. w.c.)	-0.044
Number Vacuum Reading	-0.044

MP-3, 15:50, -0.038

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-05-19
Time	15:50
Vacuum Reading (in. w.c.)	-0.038
Number Vacuum Reading	-0.038

MP-4, 15:50, -0.096

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-05-19
Time	15:50
Vacuum Reading (in. w.c.)	-0.096
Number Vacuum Reading	-0.096
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text N/A

email body

Additional Notes and Photos

Notes No water found.

12101 Brewster, 2020-06-29, Water Inspection

Created	2020-07-05 21:07:25 UTC by Matthew Williams
Updated	2020-07-05 21:07:25 UTC by Matthew Williams

General Information

System Inspector	Matthew Williams
Date	2020-06-29
Time	13:00
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Clear
Ambient Temperature	89.06
Barometric Pressure	29.98

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	At crawlspace entrance
Can the source of water be identified?	Yes
Volume of Water on Barrier (gal)	1
Can water be felt under the barrier?	No
Describe Source Location	came in at door, gutter ends next to crawlspace door
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	Yes
Are the drains plugged with well caps?	Yes
Do the drains need to be cleaned?	No

Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	Yes
How much water was removed?	1 gal

Inspection Measurements

Were interim vacuum readings taken between initial and final vacuum readings?	No
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Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
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email body

Repair Completion

Were seam repairs completed during this visit?	No
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Were system repairs completed during this visit?	No
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Are there outstanding repairs to be completed?	No
--	----

Engineer Notification

Send Inspection Completion Email	N/A
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email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
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email body

Additional Notes and Photos

Notes	Inspection measurements not recorded, liner inspected for water and removal only.
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12101 Brewster, 2020-07-13, Water Inspection

Created	2020-07-13 16:46:27 UTC by Patrick Labadie
Updated	2020-07-13 17:12:35 UTC by Patrick Labadie

General Information

System Inspector	Patrick Labadie
Date	2020-07-13
Time	12:46
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Cloudy
Ambient Temperature	73.94
Barometric Pressure	29.98

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-4, 12:50, -0.105

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-07-13
Time	12:50
Vacuum Reading (in. w.c.)	-0.105

Number Vacuum Reading	-0.105
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MP-1, 13:02, -0.256

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-07-13
Time	13:02
Vacuum Reading (in. w.c.)	-0.256
Number Vacuum Reading	-0.256

MP-2, 13:03, -0.037

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-07-13
Time	13:03
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

MP-3, 13:04, -0.046

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-07-13
Time	13:04
Vacuum Reading (in. w.c.)	-0.046
Number Vacuum Reading	-0.046
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any N/A
repairs, repair needs, or critical communications in
email text

email body

12101 Brewster, 2020-07-16, Water Inspection

Created	2020-07-16 17:33:26 UTC by Patrick Labadie
Updated	2020-07-16 19:07:00 UTC by Patrick Labadie

General Information

System Inspector	Patrick Labadie
Date	2020-07-16
Time	13:33
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Light Rain and Fog/Mist
Ambient Temperature	73.04
Barometric Pressure	29.96

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 13:37, -0.287

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-07-16
Time	13:37
Vacuum Reading (in. w.c.)	-0.287

Number Vacuum Reading	-0.287
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MP-2, 13:40, -0.035

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-07-16
Time	13:40
Vacuum Reading (in. w.c.)	-0.035
Number Vacuum Reading	-0.035

MP-3, 13:41, -0.041

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-07-16
Time	13:41
Vacuum Reading (in. w.c.)	-0.041
Number Vacuum Reading	-0.041

MP-4, 13:42, -0.100

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-07-16
Time	13:42
Vacuum Reading (in. w.c.)	-0.100
Number Vacuum Reading	-0.1
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email

N/A

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text

N/A

email body

Additional Notes and Photos

Photos



12101 Brewster, 2020-07-20, Water Inspection

Created	2020-07-20 17:25:20 UTC by Patrick Labadie
Updated	2020-07-20 17:38:27 UTC by Patrick Labadie

General Information

System Inspector	Patrick Labadie
Date	2020-07-20
Time	13:25
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Partly Cloudy
Ambient Temperature	82.04
Barometric Pressure	29.99

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 13:33, -0.080

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-07-20
Time	13:33
Vacuum Reading (in. w.c.)	-0.080

Number Vacuum Reading	-0.08
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MP-2, 13:35, -0.037

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-07-20
Time	13:35
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

MP-3, 13:36, -0.042

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-07-20
Time	13:36
Vacuum Reading (in. w.c.)	-0.042
Number Vacuum Reading	-0.042

MP-4, 13:37, -0.098

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-07-20
Time	13:37
Vacuum Reading (in. w.c.)	-0.098
Number Vacuum Reading	-0.098
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any N/A
repairs, repair needs, or critical communications in
email text

email body

12101 Brewster, 2020-09-09, Water Inspection

Created	2020-09-09 14:44:59 UTC by Seth Turner
Updated	2020-09-09 18:48:16 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-09-09
Time	11:15
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Fog/Mist
Ambient Temperature	60.08
Barometric Pressure	30.26

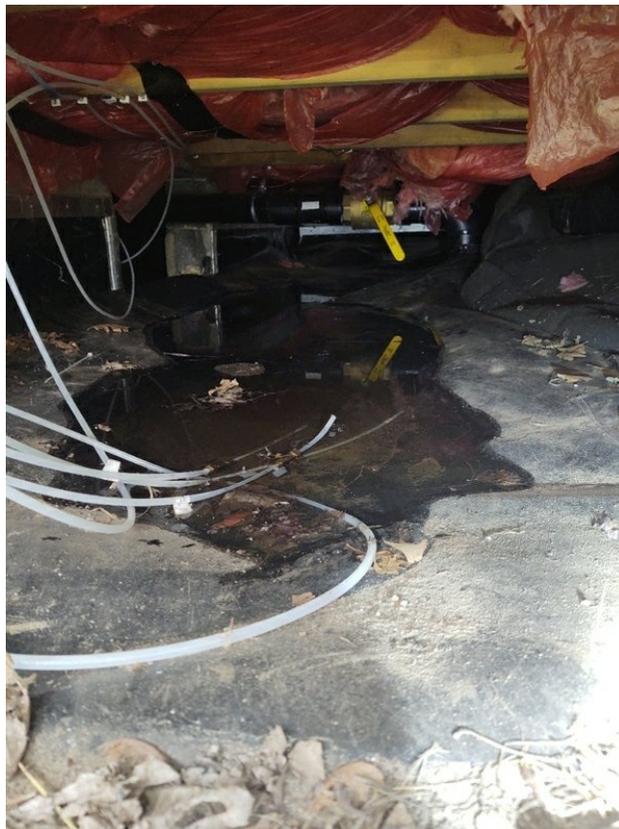
Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	Entrance of crawlspace
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	20
Can water be felt under the barrier?	No
Describe Source Location	Possibly the gutters
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 11:16, -0.021

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-09-09
Time	11:16
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-2, 11:17, -0.039

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-09-09
Time	11:17
Vacuum Reading (in. w.c.)	-0.039
Number Vacuum Reading	-0.039

MP-3, 11:18, -0.039

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-09-09
Time	11:18
Vacuum Reading (in. w.c.)	-0.039
Number Vacuum Reading	-0.039

MP-4, 11:19, -0.096

Vacuum ID Link	12101 Brewster, MP-4
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Vacuum ID	MP-4
Date	2020-09-09
Time	11:19
Vacuum Reading (in. w.c.)	-0.096
Number Vacuum Reading	-0.096
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email	N/A
email body	

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
email body	

12101 Brewster, 2020-11-16, Full System Inspection

Created	2020-11-16 17:48:07 UTC by Seth Turner
Updated	2020-11-17 14:26:48 UTC by Andrew Banitt

General Information

System Inspector	Seth Turner
Date	2020-11-16
Time	12:48
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Cloudy
Ambient Temperature	37.04
Barometric Pressure	30.01
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	No
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	No
Does the house have a water sensor?	No

System Inspection

Fan

Fan(s) operating?	Yes
Are there any unusual fan noises?	No

Piping

Is any caulking required around pipe penetrations, slab cracks, expansion joints, or foundation walls?	No
Are piping, piping joints, and brackets intact and secure?	Yes
Is the insulation and insulation jacket damaged or missing in garage or exterior piping?	No

Valves

Upon arrival, are all valves in the same position as the prior visit (reference Power BI)?	Yes
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Drains

Do any drain seals need to be repaired or replaced? No

Crawlspace Barrier

Is water present on the vapor barrier? No

Labels

Are labels present at the pipe, control panel, u-tube, and breaker? Yes

Are labels present at the crawlspace barrier? Yes

Barrier Label Photos



Vacuum Monitoring

Is the u-tube accurate (test with micromanometer/manometer, rezero/replace as needed)? Yes

Is the vacuum switch accurate (test with micromanometer)? Yes

Do any monitoring points (MP/SSMP) need to be repaired or replaced? No

If multiple systems are present, were both inspected? N/A

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions? Yes

Do any monitoring points have transmitters? No

Measurements and Valve Positions

MP-1, 13:06, -0.071

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-11-16
Time	13:06
Vacuum Reading (in. w.c.)	-0.071
Number Vacuum Reading	-0.071

MP-2, 13:09, -0.048

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-11-16
Time	13:09
Vacuum Reading (in. w.c.)	-0.048
Number Vacuum Reading	-0.048

MP-3, 13:09, -0.034

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-11-16
Time	13:09
Vacuum Reading (in. w.c.)	-0.034
Number Vacuum Reading	-0.034

MP-4, 13:09, -0.080

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-11-16
Time	13:09
Vacuum Reading (in. w.c.)	-0.080
Number Vacuum Reading	-0.08

SSMP-3, 13:20, -0.322

Vacuum ID Link	12101 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2020-11-16
Time	13:20
Vacuum Reading (in. w.c.)	-0.322
Number Vacuum Reading	-0.322

SSMP-1, 13:20, -1.104

Vacuum ID Link	12101 Brewster, SSMP-1
Vacuum ID	SSMP-1

Date	2020-11-16
Time	13:20
Vacuum Reading (in. w.c.)	-1.104
Number Vacuum Reading	-1.104

SSMP-6, 13:21, -0.197

Vacuum ID Link	12101 Brewster, SSMP-6
Vacuum ID	SSMP-6
Date	2020-11-16
Time	13:21
Vacuum Reading (in. w.c.)	-0.197
Number Vacuum Reading	-0.197

SSMP-5, 13:26, -0.381

Vacuum ID Link	12101 Brewster, SSMP-5
Vacuum ID	SSMP-5
Date	2020-11-16
Time	13:26
Vacuum Reading (in. w.c.)	-0.381
Number Vacuum Reading	-0.381

SSMP-7, 13:28, -0.058

Vacuum ID Link	12101 Brewster, SSMP-7
Vacuum ID	SSMP-7
Date	2020-11-16
Time	13:28
Vacuum Reading (in. w.c.)	-0.058
Number Vacuum Reading	-0.058

SSMP-2, 13:29, -0.051

Vacuum ID Link	12101 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2020-11-16
Time	13:29
Vacuum Reading (in. w.c.)	-0.051
Number Vacuum Reading	-0.051

U-Tube Manometer 1, 13:31, -3.6

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2020-11-16
Time	13:31
Vacuum Reading (in. w.c.)	-3.6
Number Vacuum Reading	-3.6

SSMP-4, 13:36, -0.161

Vacuum ID Link	12101 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2020-11-16
Time	13:36
Vacuum Reading (in. w.c.)	-0.161
Number Vacuum Reading	-0.161

SSMP-8, 13:39, -0.016

Vacuum ID Link	12101 Brewster, SSMP-8
Vacuum ID	SSMP-8
Date	2020-11-16
Time	13:39
Vacuum Reading (in. w.c.)	-0.016
Number Vacuum Reading	-0.016

U-Tube Manometer 2, 13:42, -1.1

Vacuum ID Link	12101 Brewster, U-Tube Manometer 2
Vacuum ID	U-Tube Manometer 2
Date	2020-11-16
Time	13:42
Vacuum Reading (in. w.c.)	-1.1
Number Vacuum Reading	-1.1

SSMP-8, 13:57, -0.022

Vacuum ID Link	12101 Brewster, SSMP-8
Vacuum ID	SSMP-8
Date	2020-11-16
Time	13:57
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-4, 13:58, -0.107

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2020-11-16
Time	13:58
Vacuum Reading (in. w.c.)	-0.107
Number Vacuum Reading	-0.107

MP-3, 13:58, -0.037

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-11-16
Time	13:58
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

MP-2, 13:58, -0.051

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-11-16
Time	13:58
Vacuum Reading (in. w.c.)	-0.051
Number Vacuum Reading	-0.051

MP-1, 14:00, -0.075

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-11-16
Time	14:00
Vacuum Reading (in. w.c.)	-0.075
Number Vacuum Reading	-0.075

BV-6, 12:50, 40

Valve ID Link	12101 Brewster, BV-6
Valve ID	BV-6
Date	2020-11-16
Time	12:50
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	40

BV-7, 13:01, 100

Valve ID Link	12101 Brewster, BV-7
Valve ID	BV-7
Date	2020-11-16
Time	13:01
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-8, 13:03, 50

Valve ID Link	12101 Brewster, BV-8
Valve ID	BV-8
Date	2020-11-16
Time	13:03
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

BV-4, 13:18, 100

Valve ID Link	12101 Brewster, BV-4
Valve ID	BV-4
Date	2020-11-16
Time	13:18
Valve Position at Arrival (% Open)	100

Valve Position at Departure (% Open)	100
--------------------------------------	-----

BV-1, 13:20, 75

Valve ID Link	12101 Brewster, BV-1
Valve ID	BV-1
Date	2020-11-16
Time	13:20
Valve Position at Arrival (% Open)	75
Valve Position at Departure (% Open)	75

BV-3, 13:27, 5

Valve ID Link	12101 Brewster, BV-3
Valve ID	BV-3
Date	2020-11-16
Time	13:27
Valve Position at Arrival (% Open)	5
Valve Position at Departure (% Open)	5

BV-2, 13:30, 5

Valve ID Link	12101 Brewster, BV-2
Valve ID	BV-2
Date	2020-11-16
Time	13:30
Valve Position at Arrival (% Open)	5
Valve Position at Departure (% Open)	5

BV-5, 13:36, 40

Valve ID Link	12101 Brewster, BV-5
Valve ID	BV-5
Date	2020-11-16
Time	13:36
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

Manometer

Is the system manometer steady?	Yes
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SSMP/MPs

Were any vacuum monitoring points not accessible? Please specify.	No
Do all vacuum monitoring points meet -0.02 in w.c. threshold?	Yes
Were any ball valve positions changed?	Yes

Did you take final readings?	Yes
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Alarm Testing

Sensaphone Link	N/A
Does the vacuum switch alarm work? Test the alarm condition and verify an alarm registers.	Yes
Does the fan disconnect alarm work? Test the alarm condition and verify an alarm registers.	Yes
Does the transmitter alarm work? Test the alarm condition and verify an alarm registers.	N/A
Check the alarm history on the disconnect for the fan. Was it off for any length of time?	No
Is the cloud logging vacuum readings properly (log in to check)?	N/A

Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Owner/Tenant Observations

Have there been any changes to the fan noise level or vibration?	No
Have any structures been built or modified that require vapor mitigation?	No

Engineer Notification

Send Inspection Completion Email	N/A
email body	

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
email body	

Additional Notes and Photos

Notes	Replace tubing on MP-1 (labeled MP-6)
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12101 Brewster, 2021-02-26, Full System Inspection

Created	2021-02-26 18:48:40 UTC by Seth Turner
Updated	2021-02-26 19:54:12 UTC by Andrew Banitt

General Information

System Inspector	Seth Turner
Date	2021-02-26
Time	14:00
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	32F, sunny
Ambient Temperature	32F
Barometric Pressure	29.95
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	No
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	No
Does the house have a water sensor?	No

System Inspection

Fan

Fan(s) operating?	Yes
Are there any unusual fan noises?	No

Piping

Is any caulking required around pipe penetrations, slab cracks, expansion joints, or foundation walls?	No
Are piping, piping joints, and brackets intact and secure?	Yes
Is the insulation and insulation jacket damaged or missing in garage or exterior piping?	No

Valves

Upon arrival, are all valves in the same position as the prior visit (reference Power BI)?	Yes
--	-----

Drains

Do any drain seals need to be repaired or replaced? No

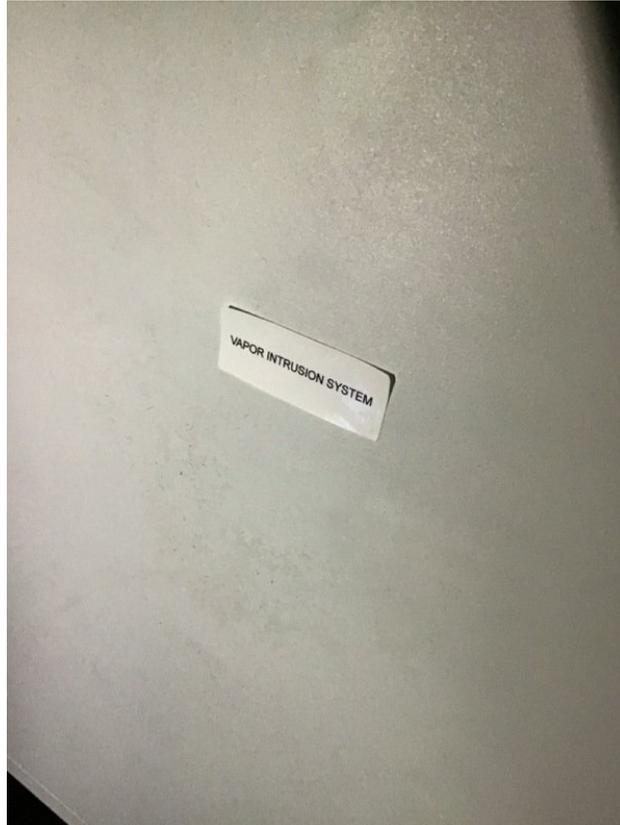
Crawlspace Barrier

Is water present on the vapor barrier? No

Labels

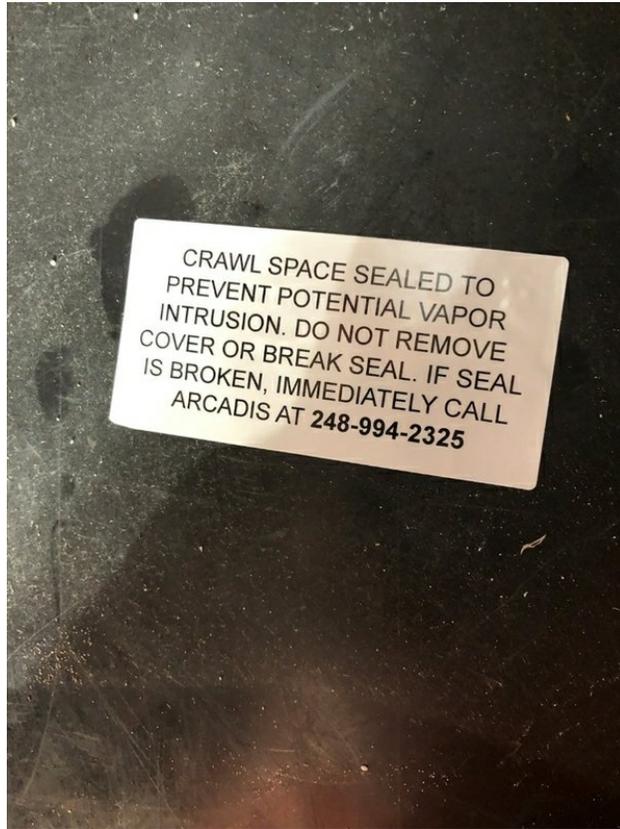
Are labels present at the pipe, control panel, u-tube, and breaker? Yes

Common Label Photos



Are labels present at the crawlspace barrier? Yes

Barrier Label Photos



Vacuum Monitoring

Is the u-tube accurate (test with micromanometer/manometer, rezero/replace as needed)?	Yes
Is the vacuum switch accurate (test with micromanometer)?	Yes
Do any monitoring points (MP/SSMP) need to be repaired or replaced?	No
If multiple systems are present, were both inspected?	N/A

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
Do any monitoring points have transmitters?	No

Measurements and Valve Positions

SSMP-5, 13:59, -0.383

Vacuum ID Link	12101 Brewster, SSMP-5
Vacuum ID	SSMP-5
Date	2021-02-26
Time	13:59
Vacuum Reading (in. w.c.)	-0.383

Number Vacuum Reading	-0.383
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SSMP-7, 14:01, -0.053

Vacuum ID Link	12101 Brewster, SSMP-7
Vacuum ID	SSMP-7
Date	2021-02-26
Time	14:01
Vacuum Reading (in. w.c.)	-0.053
Number Vacuum Reading	-0.053

SSMP-2, 14:01, -0.042

Vacuum ID Link	12101 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-26
Time	14:01
Vacuum Reading (in. w.c.)	-0.042
Number Vacuum Reading	-0.042

SSMP-3, 14:03, -0.317

Vacuum ID Link	12101 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-26
Time	14:03
Vacuum Reading (in. w.c.)	-0.317
Number Vacuum Reading	-0.317

SSMP-1, 14:04, -1.047

Vacuum ID Link	12101 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2021-02-26
Time	14:04
Vacuum Reading (in. w.c.)	-1.047
Number Vacuum Reading	-1.047

SSMP-6, 14:05, -0.150

Vacuum ID Link	12101 Brewster, SSMP-6
Vacuum ID	SSMP-6
Date	2021-02-26
Time	14:05
Vacuum Reading (in. w.c.)	-0.150
Number Vacuum Reading	-0.15

SSMP-4, 14:08, -0.125

Vacuum ID Link	12101 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2021-02-26

Time	14:08
Vacuum Reading (in. w.c.)	-0.125
Number Vacuum Reading	-0.125

SSMP-8, 14:11, -0.024

Vacuum ID Link	12101 Brewster, SSMP-8
Vacuum ID	SSMP-8
Date	2021-02-26
Time	14:11
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-4, 14:14, -0.094

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-02-26
Time	14:14
Vacuum Reading (in. w.c.)	-0.094
Number Vacuum Reading	-0.094

MP-2, 14:16, -0.050

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-02-26
Time	14:16
Vacuum Reading (in. w.c.)	-0.050
Number Vacuum Reading	-0.05

MP-3, 14:16, -0.030

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-02-26
Time	14:16
Vacuum Reading (in. w.c.)	-0.030
Number Vacuum Reading	-0.03

MP-1, 14:16, -0.103

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-02-26
Time	14:16
Vacuum Reading (in. w.c.)	-0.103
Number Vacuum Reading	-0.103

U-Tube Manometer 2, 14:18, -1.4

Vacuum ID Link	12101 Brewster, U-Tube Manometer 2
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Vacuum ID	U-Tube Manometer 2
Date	2021-02-26
Time	14:18
Vacuum Reading (in. w.c.)	-1.4
Number Vacuum Reading	-1.4

U-Tube Manometer 1, 14:24, -3.8

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2021-02-26
Time	14:24
Vacuum Reading (in. w.c.)	-3.8
Number Vacuum Reading	-3.8

SSMP-8, 14:30, -0.024

Vacuum ID Link	12101 Brewster, SSMP-8
Vacuum ID	SSMP-8
Date	2021-02-26
Time	14:30
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-4, 14:30, -0.094

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-02-26
Time	14:30
Vacuum Reading (in. w.c.)	-0.094
Number Vacuum Reading	-0.094

MP-2, 14:30, -0.049

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-02-26
Time	14:30
Vacuum Reading (in. w.c.)	-0.049
Number Vacuum Reading	-0.049

MP-3, 14:31, -0.031

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-02-26
Time	14:31
Vacuum Reading (in. w.c.)	-0.031
Number Vacuum Reading	-0.031

MP-1, 14:31, -0.107

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-02-26
Time	14:31
Vacuum Reading (in. w.c.)	-0.107
Number Vacuum Reading	-0.107

U-Tube Manometer 2, 14:53, -1.4

Vacuum ID Link	12101 Brewster, U-Tube Manometer 2
Vacuum ID	U-Tube Manometer 2
Date	2021-02-26
Time	14:53
Vacuum Reading (in. w.c.)	-1.4
Number Vacuum Reading	-1.4

BV-3, 14:00, 5

Valve ID Link	12101 Brewster, BV-3
Valve ID	BV-3
Date	2021-02-26
Time	14:00
Valve Position at Arrival (% Open)	5
Valve Position at Departure (% Open)	5

BV-2, 14:00, 5

Valve ID Link	12101 Brewster, BV-2
Valve ID	BV-2
Date	2021-02-26
Time	14:00
Valve Position at Arrival (% Open)	5
Valve Position at Departure (% Open)	5

BV-4, 14:03, 100

Valve ID Link	12101 Brewster, BV-4
Valve ID	BV-4
Date	2021-02-26
Time	14:03
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-1, 14:04, 75

Valve ID Link	12101 Brewster, BV-1
Valve ID	BV-1
Date	2021-02-26
Time	14:04
Valve Position at Arrival (% Open)	75

Valve Position at Departure (% Open)	75
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BV-5, 14:07, 40

Valve ID Link	12101 Brewster, BV-5
Valve ID	BV-5
Date	2021-02-26
Time	14:07
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-6, 14:29, 40

Valve ID Link	12101 Brewster, BV-6
Valve ID	BV-6
Date	2021-02-26
Time	14:29
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-7, 14:29, 100

Valve ID Link	12101 Brewster, BV-7
Valve ID	BV-7
Date	2021-02-26
Time	14:29
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-8, 14:30, 50

Valve ID Link	12101 Brewster, BV-8
Valve ID	BV-8
Date	2021-02-26
Time	14:30
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

Manometer

Is the system manometer steady?	Yes
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SSMP/MPs

Were any vacuum monitoring points not accessible? Please specify.	No
Do all vacuum monitoring points meet -0.02 in w.c. threshold?	Yes
Were any ball valve positions changed?	No

Alarm Testing

Sensaphone Link	N/A
Does the vacuum switch alarm work? Test the alarm condition and verify an alarm registers.	Yes
Does the fan disconnect alarm work? Test the alarm condition and verify an alarm registers.	Yes
Does the transmitter alarm work? Test the alarm condition and verify an alarm registers.	N/A
Check the alarm history on the disconnect for the fan. Was it off for any length of time?	No
Is the cloud logging vacuum readings properly (log in to check)?	N/A

Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	Yes
System repairs completed:	Fan outside cleaned. Fan in garage attic could not be reached.
System Repair Completion Date	2021-02-26

System Repair Photos



Are there outstanding repairs to be completed? No

Owner/Tenant Observations

Have there been any changes to the fan noise level or vibration? No

Have any structures been built or modified that require vapor mitigation? No

Engineer Notification

Send Inspection Completion Email N/A
email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text

N/A

email body

12101 Brewster, 2021-03-29, Water Inspection

Created	2021-03-29 16:51:23 UTC by Emma Witherspoon
Updated	2021-03-29 19:12:59 UTC by Emma Witherspoon

General Information

System Inspector	Emma Witherspoon
Date	2021-03-29
Time	12:51
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Clear
Ambient Temperature	39.92
Barometric Pressure	30.24

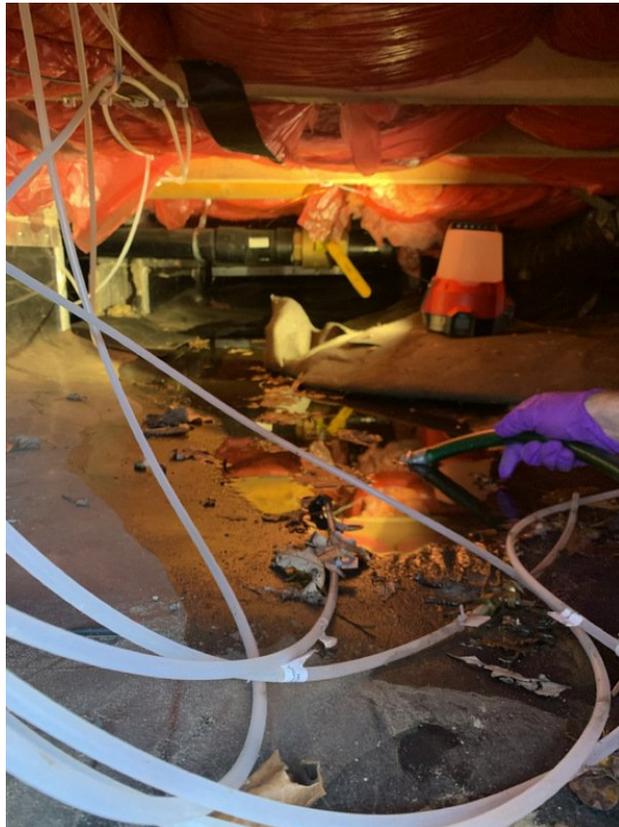
Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	North of crawl space near entry
Can the source of water be identified?	No

Water on Barrier



Volume of Water on Barrier (gal)	9
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	Yes
How much water was removed?	9 gallons

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 13:31, -0.061

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-03-29
Time	13:31
Vacuum Reading (in. w.c.)	-0.061
Number Vacuum Reading	-0.061

MP-3, 13:32, -0.141

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-03-29
Time	13:32
Vacuum Reading (in. w.c.)	-0.141
Number Vacuum Reading	-0.141

MP-4, 13:33, -0.101

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-03-29
Time	13:33
Vacuum Reading (in. w.c.)	-0.101
Number Vacuum Reading	-0.101

MP-2, 13:33, -0.048

Vacuum ID Link	12101 Brewster, MP-2
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Vacuum ID	MP-2
Date	2021-03-29
Time	13:33
Vacuum Reading (in. w.c.)	-0.048
Number Vacuum Reading	-0.048
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email	N/A
email body	

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
email body	

12101 Brewster, 2021-06-22, Water Inspection

Created	2021-06-22 15:39:29 UTC by Andrew Banitt
Updated	2021-06-22 16:03:44 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-06-22
Time	11:39
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Clear
Ambient Temperature	60.98
Barometric Pressure	30.00

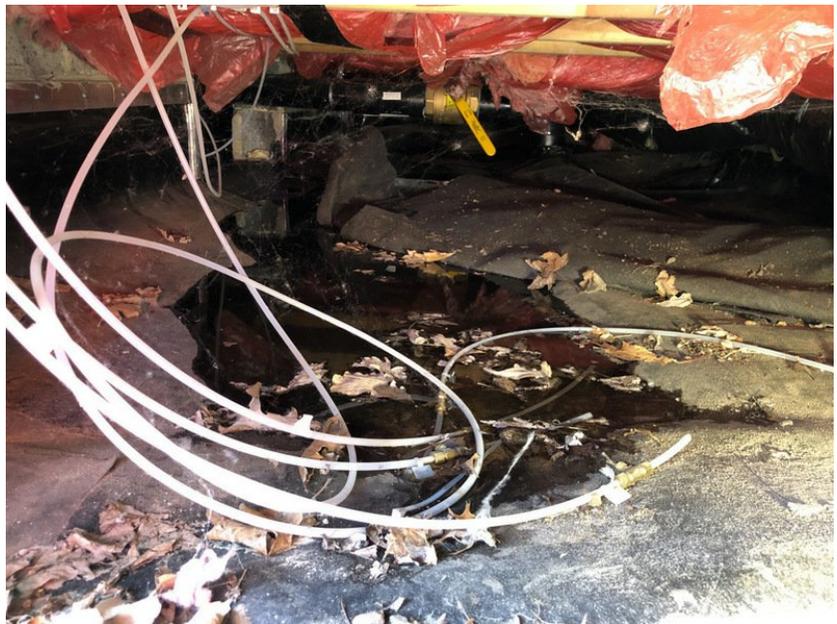
Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
--	-----

Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	In front of crawl space door
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	10
Can water be felt under the barrier?	No
Describe Source Location	Door
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	Yes
Are the drains plugged with well caps?	Yes
Do the drains need to be cleaned?	No

Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	Yes
How much water was removed?	10 gallons

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-3, 11:58, -0.032

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-06-22
Time	11:58
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

MP-2, 11:59, -0.046

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-06-22
Time	11:59
Vacuum Reading (in. w.c.)	-0.046
Number Vacuum Reading	-0.046

MP-4, 12:00, -0.142

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-06-22
Time	12:00
Vacuum Reading (in. w.c.)	-0.142
Number Vacuum Reading	-0.142

MP-1, 12:03, -0.089

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-06-22

Time	12:03
Vacuum Reading (in. w.c.)	-0.089
Number Vacuum Reading	-0.089
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email	N/A
email body	

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
email body	

12101 Brewster, 2021-07-06, System Check, Water Inspection

Created	2021-07-06 13:17:45 UTC by Seth Turner
Updated	2021-07-06 13:21:06 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2021-07-06
Time	09:17
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	System Check, Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	80 F, humid
Ambient Temperature	80F
Barometric Pressure	30.02

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
--	-----

Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	Yes
Are the drains plugged with well caps?	Yes
Do the drains need to be cleaned?	No

Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 09:19, -0.087

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-07-06

Time	09:19
Vacuum Reading (in. w.c.)	-0.087
Number Vacuum Reading	-0.087

MP-2, 09:19, -0.047

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-07-06
Time	09:19
Vacuum Reading (in. w.c.)	-0.047
Number Vacuum Reading	-0.047

MP-3, 09:20, -0.031

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-07-06
Time	09:20
Vacuum Reading (in. w.c.)	-0.031
Number Vacuum Reading	-0.031

MP-4, 09:20, -0.143

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-07-06
Time	09:20
Vacuum Reading (in. w.c.)	-0.143
Number Vacuum Reading	-0.143

Were interim vacuum readings taken between initial and final vacuum readings?	No
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Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	No
Are there outstanding repairs to be completed?	No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any N/A

repairs, repair needs, or critical communications in
email text

email body

12101 Brewster, 2021-07-26, Water Inspection

Created	2021-07-26 18:57:02 UTC by Andrew Banitt
Updated	2021-07-26 19:16:45 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-07-26
Time	14:57
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Clear
Ambient Temperature	87.98
Barometric Pressure	29.99

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	In front of crawl space entrance
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	2
Can water be felt under the barrier?	No
Describe Source Location	Entrance door
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	Yes
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How much water was removed?	2 gallons
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-1, 15:11, -0.155

Vacuum ID Link	12101 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2021-07-26
------	------------

Time	15:11
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Vacuum Reading (in. w.c.)	-0.155
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Number Vacuum Reading	-0.155
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MP-2, 15:14, -0.035

Vacuum ID Link	12101 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2021-07-26
------	------------

Time	15:14
------	-------

Vacuum Reading (in. w.c.)	-0.035
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Number Vacuum Reading	-0.035
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MP-3, 15:14, -0.044

Vacuum ID Link	12101 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-07-26
------	------------

Time	15:14
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Vacuum Reading (in. w.c.)	-0.044
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Number Vacuum Reading	-0.044
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MP-4, 15:15, -0.145

Vacuum ID Link	12101 Brewster, MP-4
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Vacuum ID	MP-4
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Date	2021-07-26
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Time	15:15
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Vacuum Reading (in. w.c.)	-0.145
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Number Vacuum Reading	-0.145
-----------------------	--------

U-Tube Manometer 1, 15:15, -1.8

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
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Vacuum ID	U-Tube Manometer 1
-----------	--------------------

Date	2021-07-26
------	------------

Time	15:15
------	-------

Vacuum Reading (in. w.c.)	-1.8
---------------------------	------

Number Vacuum Reading	-1.8
-----------------------	------

Were interim vacuum readings taken between initial and final vacuum readings?	No
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Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
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email body

Repair Completion

Were seam repairs completed during this visit?	No
--	----

Were system repairs completed during this visit?	No
--	----

Are there outstanding repairs to be completed?	No
--	----

Engineer Notification

Send Inspection Completion Email	N/A
----------------------------------	-----

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
--	-----

email body

12101 Brewster, 2021-08-16, Water Inspection

Created	2021-08-16 14:14:09 UTC by Andrew Banitt
Updated	2021-08-16 16:47:10 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-08-16
Time	10:14
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Cloudy
Ambient Temperature	64.94
Barometric Pressure	30.14

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
--	-----

Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	Entrance
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	10
Can water be felt under the barrier?	No
Describe Source Location	Entrance door
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
-------------------------------	----

Plumbing

Are plumbing repairs needed?	No
------------------------------	----

Water Removal

Has water been removed today?	Yes
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How much water was removed?	10
-----------------------------	----

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-4, 10:16, -0.149

Vacuum ID Link	12101 Brewster, MP-4
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Vacuum ID	MP-4
-----------	------

Date	2021-08-16
------	------------

Time	10:16
------	-------

Vacuum Reading (in. w.c.)	-0.149
---------------------------	--------

Number Vacuum Reading	-0.149
-----------------------	--------

MP-2, 10:17, -0.037

Vacuum ID Link	12101 Brewster, MP-2
----------------	----------------------

Vacuum ID	MP-2
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Date	2021-08-16
------	------------

Time	10:17
------	-------

Vacuum Reading (in. w.c.)	-0.037
---------------------------	--------

Number Vacuum Reading	-0.037
-----------------------	--------

MP-3, 10:17, -0.043

Vacuum ID Link	12101 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-08-16
------	------------

Time	10:17
------	-------

Vacuum Reading (in. w.c.)	-0.043
---------------------------	--------

Number Vacuum Reading	-0.043
-----------------------	--------

MP-1, 10:18, -0.157

Vacuum ID Link	12101 Brewster, MP-1
----------------	----------------------

Vacuum ID	MP-1
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Date	2021-08-16
------	------------

Time	10:18
------	-------

Vacuum Reading (in. w.c.)	-0.157
---------------------------	--------

Number Vacuum Reading	-0.157
-----------------------	--------

U-Tube Manometer 1, 10:18, -1.7

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2021-08-16
Time	10:18
Vacuum Reading (in. w.c.)	-1.7
Number Vacuum Reading	-1.7
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
-----------------	-----

Repairs

Sample Delay

Send Sample Delay Email	N/A
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email body

Repair Completion

Were seam repairs completed during this visit?	No
--	----

Were system repairs completed during this visit?	No
--	----

Are there outstanding repairs to be completed?	No
--	----

Engineer Notification

Send Inspection Completion Email	N/A
----------------------------------	-----

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text	N/A
--	-----

email body

12101 Brewster, 2021-09-27, Water Inspection

Created	2021-09-27 15:07:20 UTC by Andrew Banitt
Updated	2021-09-27 15:10:20 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-09-27
Time	11:07
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Partly Cloudy
Ambient Temperature	64.94
Barometric Pressure	29.83

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
--	-----

Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
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Water Removal

Has water been removed today?	No
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Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-4, 11:08, -0.130

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-09-27
Time	11:08
Vacuum Reading (in. w.c.)	-0.130

Number Vacuum Reading	-0.13
-----------------------	-------

MP-2, 11:08, -0.036

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-09-27
Time	11:08
Vacuum Reading (in. w.c.)	-0.036
Number Vacuum Reading	-0.036

MP-1, 11:09, -0.089

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-09-27
Time	11:09
Vacuum Reading (in. w.c.)	-0.089
Number Vacuum Reading	-0.089

MP-3, 11:09, -0.039

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-09-27
Time	11:09
Vacuum Reading (in. w.c.)	-0.039
Number Vacuum Reading	-0.039

U-Tube Manometer 1, 11:10, -1.6

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2021-09-27
Time	11:10
Vacuum Reading (in. w.c.)	-1.6
Number Vacuum Reading	-1.6
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
-------------------------	-----

email body

Repair Completion

Were seam repairs completed during this visit? No

Were system repairs completed during this visit? No

Are there outstanding repairs to be completed? No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text N/A

email body

12101 Brewster, 2021-10-27, Water Inspection

Created	2021-10-27 13:33:09 UTC by Andrew Banitt
Updated	2021-10-27 13:35:47 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-10-27
Time	09:33
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Light Drizzle
Ambient Temperature	46
Barometric Pressure	30.04

Water Inspections

Completed NPRCSE Checklist and Cleared the Crawlspace with the MultiRAE?	Yes
--	-----

Barrier

Is water observed on the barrier?	No
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	No

Drains

Does the barrier have drains?	No
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Plumbing

Are plumbing repairs needed?	No
------------------------------	----

Water Removal

Has water been removed today?	No
-------------------------------	----

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
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Measurements and Valve Positions

MP-4, 09:34, -0.117

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2021-10-27
Time	09:34
Vacuum Reading (in. w.c.)	-0.117

Number Vacuum Reading	-0.117
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MP-3, 09:34, -0.033

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-10-27
Time	09:34
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

MP-1, 09:35, -0.077

Vacuum ID Link	12101 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-10-27
Time	09:35
Vacuum Reading (in. w.c.)	-0.077
Number Vacuum Reading	-0.077

MP-2, 09:35, -0.041

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-10-27
Time	09:35
Vacuum Reading (in. w.c.)	-0.041
Number Vacuum Reading	-0.041

U-Tube Manometer 1, 09:35, -1.6

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2021-10-27
Time	09:35
Vacuum Reading (in. w.c.)	-1.6
Number Vacuum Reading	-1.6
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

SSMP/MPs

Alarm Testing

Sensaphone Link	N/A
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Repairs

Sample Delay

Send Sample Delay Email	N/A
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email body

Repair Completion

Were seam repairs completed during this visit? No

Were system repairs completed during this visit? No

Are there outstanding repairs to be completed? No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text N/A

email body

12101 Brewster, 2022-01-19, Full System Inspection

Created	2022-01-19 19:30:33 UTC by Seth Turner
Updated	2022-01-19 20:37:37 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2022-01-19
Time	14:30
System Details Link	12101 Brewster
Property Address	12101 Brewster
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	32F. Cloudy
Ambient Temperature	32
Barometric Pressure	29.93
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	No
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	No
Does the house have a water sensor?	No

System Inspection

Fan

Fan(s) operating?	Yes
Are there any unusual fan noises?	No
Fan Comments	Fans cleaned

Piping

Is any caulking required around pipe penetrations, slab cracks, expansion joints, or foundation walls?	No
Are piping, piping joints, and brackets intact and secure?	Yes
Is the insulation and insulation jacket damaged or missing in garage or exterior piping?	No

Valves

Upon arrival, are all valves in the same position as the prior visit (reference Power BI)?	Yes
--	-----

Drains

Do any drain seals need to be repaired or replaced? No

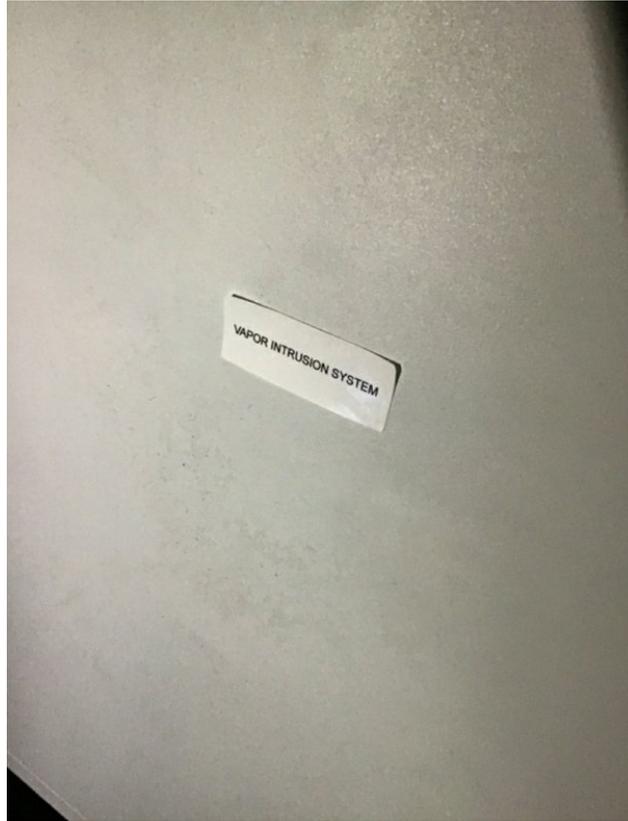
Crawlspace Barrier

Is water present on the vapor barrier? No

Labels

Are labels present at the pipe, control panel, u-tube, and breaker? Yes

Common Label Photos



Are labels present at the crawlspace barrier? Yes

Barrier Label Photos



Vacuum Monitoring

Is the u-tube accurate (test with micromanometer/manometer, rezero/replace as needed)?	Yes
Is the vacuum switch accurate (test with micromanometer)?	Yes
Do any monitoring points (MP/SSMP) need to be repaired or replaced?	No
If multiple systems are present, were both inspected?	Yes

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
Do any monitoring points have transmitters?	No

Measurements and Valve Positions

SSMP-4, 14:30, -0.123

Vacuum ID Link	12101 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-19
Time	14:30
Vacuum Reading (in. w.c.)	-0.123

Number Vacuum Reading	-0.123
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SSMP-5, 14:32, -0.421

Vacuum ID Link	12101 Brewster, SSMP-5
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Vacuum ID	SSMP-5
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Date	2022-01-19
------	------------

Time	14:32
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Vacuum Reading (in. w.c.)	-0.421
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Number Vacuum Reading	-0.421
-----------------------	--------

SSMP-3, 14:34, -0.192

Vacuum ID Link	12101 Brewster, SSMP-3
----------------	------------------------

Vacuum ID	SSMP-3
-----------	--------

Date	2022-01-19
------	------------

Time	14:34
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Vacuum Reading (in. w.c.)	-0.192
---------------------------	--------

Number Vacuum Reading	-0.192
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SSMP-1, 14:35, -0.926

Vacuum ID Link	12101 Brewster, SSMP-1
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Vacuum ID	SSMP-1
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Date	2022-01-19
------	------------

Time	14:35
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Vacuum Reading (in. w.c.)	-0.926
---------------------------	--------

Number Vacuum Reading	-0.926
-----------------------	--------

SSMP-6, 14:37, -0.052

Vacuum ID Link	12101 Brewster, SSMP-6
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Vacuum ID	SSMP-6
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Date	2022-01-19
------	------------

Time	14:37
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Vacuum Reading (in. w.c.)	-0.052
---------------------------	--------

Number Vacuum Reading	-0.052
-----------------------	--------

SSMP-7, 14:40, -0.031

Vacuum ID Link	12101 Brewster, SSMP-7
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Vacuum ID	SSMP-7
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Date	2022-01-19
------	------------

Time	14:40
------	-------

Vacuum Reading (in. w.c.)	-0.031
---------------------------	--------

Number Vacuum Reading	-0.031
-----------------------	--------

SSMP-2, 14:40, -0.033

Vacuum ID Link	12101 Brewster, SSMP-2
----------------	------------------------

Vacuum ID	SSMP-2
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Date	2022-01-19
------	------------

Time	14:40
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

U-Tube Manometer 1, 14:44, -3.2

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2022-01-19
Time	14:44
Vacuum Reading (in. w.c.)	-3.2
Number Vacuum Reading	-3.2

U-Tube Manometer 2, 14:52, -1.9

Vacuum ID Link	12101 Brewster, U-Tube Manometer 2
Vacuum ID	U-Tube Manometer 2
Date	2022-01-19
Time	14:52
Vacuum Reading (in. w.c.)	-1.9
Number Vacuum Reading	-1.9

MP-4, 14:52, -0.101

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2022-01-19
Time	14:52
Vacuum Reading (in. w.c.)	-0.101
Number Vacuum Reading	-0.101

MP-3, 14:55, -0.032

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2022-01-19
Time	14:55
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

MP-2, 14:56, -0.072

Vacuum ID Link	12101 Brewster, MP-2
Vacuum ID	MP-2
Date	2022-01-19
Time	14:56
Vacuum Reading (in. w.c.)	-0.072
Number Vacuum Reading	-0.072

MP-1, 14:56, -0.080

Vacuum ID Link	12101 Brewster, MP-1
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Vacuum ID	MP-1
Date	2022-01-19
Time	14:56
Vacuum Reading (in. w.c.)	-0.080
Number Vacuum Reading	-0.08

SSMP-8, 15:02, -0.021

Vacuum ID Link	12101 Brewster, SSMP-8
Vacuum ID	SSMP-8
Date	2022-01-19
Time	15:02
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

SSMP-4, 15:18, -0.124

Vacuum ID Link	12101 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-19
Time	15:18
Vacuum Reading (in. w.c.)	-0.124
Number Vacuum Reading	-0.124

SSMP-5, 15:19, -0.425

Vacuum ID Link	12101 Brewster, SSMP-5
Vacuum ID	SSMP-5
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-0.425
Number Vacuum Reading	-0.425

SSMP-3, 15:19, -0.193

Vacuum ID Link	12101 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-0.193
Number Vacuum Reading	-0.193

SSMP-1, 15:19, -0.924

Vacuum ID Link	12101 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-0.924
Number Vacuum Reading	-0.924

SSMP-6, 15:19, -0.052

Vacuum ID Link	12101 Brewster, SSMP-6
Vacuum ID	SSMP-6
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-0.052
Number Vacuum Reading	-0.052

SSMP-7, 15:19, -0.032

Vacuum ID Link	12101 Brewster, SSMP-7
Vacuum ID	SSMP-7
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

U-Tube Manometer 1, 15:19, -3.2

Vacuum ID Link	12101 Brewster, U-Tube Manometer 1
Vacuum ID	U-Tube Manometer 1
Date	2022-01-19
Time	15:19
Vacuum Reading (in. w.c.)	-3.2
Number Vacuum Reading	-3.2

U-Tube Manometer 2, 15:20, -1.9

Vacuum ID Link	12101 Brewster, U-Tube Manometer 2
Vacuum ID	U-Tube Manometer 2
Date	2022-01-19
Time	15:20
Vacuum Reading (in. w.c.)	-1.9
Number Vacuum Reading	-1.9

MP-4, 15:20, -0.102

Vacuum ID Link	12101 Brewster, MP-4
Vacuum ID	MP-4
Date	2022-01-19
Time	15:20
Vacuum Reading (in. w.c.)	-0.102
Number Vacuum Reading	-0.102

MP-3, 15:20, -0.033

Vacuum ID Link	12101 Brewster, MP-3
Vacuum ID	MP-3
Date	2022-01-19
Time	15:20
Vacuum Reading (in. w.c.)	-0.033

Number Vacuum Reading	-0.033
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MP-2, 15:20, -0.071

Vacuum ID Link	12101 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2022-01-19
------	------------

Time	15:20
------	-------

Vacuum Reading (in. w.c.)	-0.071
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Number Vacuum Reading	-0.071
-----------------------	--------

MP-1, 15:20, -0.081

Vacuum ID Link	12101 Brewster, MP-1
----------------	----------------------

Vacuum ID	MP-1
-----------	------

Date	2022-01-19
------	------------

Time	15:20
------	-------

Vacuum Reading (in. w.c.)	-0.081
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Number Vacuum Reading	-0.081
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BV-3, 15:04, 5

Valve ID Link	12101 Brewster, BV-3
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Valve ID	BV-3
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Date	2022-01-19
------	------------

Time	15:04
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Valve Position at Arrival (% Open)	5
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Valve Position at Departure (% Open)	5
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BV-2, 15:04, 5

Valve ID Link	12101 Brewster, BV-2
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Valve ID	BV-2
----------	------

Date	2022-01-19
------	------------

Time	15:04
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Valve Position at Arrival (% Open)	5
------------------------------------	---

Valve Position at Departure (% Open)	5
--------------------------------------	---

BV-4, 15:04, 100

Valve ID Link	12101 Brewster, BV-4
---------------	----------------------

Valve ID	BV-4
----------	------

Date	2022-01-19
------	------------

Time	15:04
------	-------

Valve Position at Arrival (% Open)	100
------------------------------------	-----

Valve Position at Departure (% Open)	100
--------------------------------------	-----

BV-1, 15:04, 75

Valve ID Link	12101 Brewster, BV-1
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Valve ID	BV-1
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Date	2022-01-19
------	------------

Time	15:04
Valve Position at Arrival (% Open)	75
Valve Position at Departure (% Open)	75

BV-5, 15:05, 40

Valve ID Link	12101 Brewster, BV-5
Valve ID	BV-5
Date	2022-01-19
Time	15:05
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-6, 15:05, 40

Valve ID Link	12101 Brewster, BV-6
Valve ID	BV-6
Date	2022-01-19
Time	15:05
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-7, 15:05, 100

Valve ID Link	12101 Brewster, BV-7
Valve ID	BV-7
Date	2022-01-19
Time	15:05
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-8, 15:05, 50

Valve ID Link	12101 Brewster, BV-8
Valve ID	BV-8
Date	2022-01-19
Time	15:05
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

Manometer

Is the system manometer steady?	Yes
---------------------------------	-----

SSMP/MPs

Were any vacuum monitoring points not accessible? Please specify.	No
Do all vacuum monitoring points meet -0.02 in w.c. threshold?	Yes

Were any ball valve positions changed? No

Alarm Testing

Sensaphone Link N/A

Does the vacuum switch alarm work? Test the alarm condition and verify an alarm registers. Yes

Does the fan disconnect alarm work? Test the alarm condition and verify an alarm registers. Yes

Does the transmitter alarm work? Test the alarm condition and verify an alarm registers. N/A

Check the alarm history on the disconnect for the fan. Was it off for any length of time? No

Is the cloud logging vacuum readings properly (log in to check)? N/A

Repairs

Sample Delay

Send Sample Delay Email N/A

email body

Repair Completion

Were seam repairs completed during this visit? No

Were system repairs completed during this visit? Yes

System repairs completed: Fans cleaned

System Repair Completion Date 2022-01-19

System Repair Photos



Are there outstanding repairs to be completed? No

Owner/Tenant Observations

Have there been any changes to the fan noise level or vibration? No

Have any structures been built or modified that require vapor mitigation? No

Engineer Notification

Send Inspection Completion Email N/A

email body

Engineer Notification

Send Inspection Completion Email - add any repairs, repair needs, or critical communications in email text N/A

email body
