

Transmittal Letter



TO
Kenneth & Joyce McDonald
12075 Brewster
Livonia, MI 48150

FROM
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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 - 12075 Brewster

We are sending you:

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

Action*

- | | | |
|---|--|---|
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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.

12075 Brewster, 2020-06-29, Water Inspection

Created	2020-07-05 21:14:09 UTC by Matthew Williams
Updated	2020-07-05 21:14:09 UTC by Matthew Williams

General Information

System Inspector	Matthew Williams
Date	2020-06-29
Time	13:15
System Details Link	12075 Brewster
Property Address	12075 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	Halfway between sump and MP-1
Can the source of water be identified?	No
Volume of Water on Barrier (gal)	0.1
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?	0.1

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 vacuum measurements were recorded during water inspection. Water was wiped up with a paper towel, about 2-3 oz.
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12075 Brewster, 2020-07-21, Water Inspection

Created	2020-07-21 18:02:14 UTC by Andrew Banitt
Updated	2020-07-23 15:12:09 UTC by Andrew Banitt


General Information

System Inspector	Andrew Banitt
Date	2020-07-21
Time	14:02
System Details Link	12075 Brewster
Property Address	12075 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	75.92
Barometric Pressure	30.08

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	Low spots on barrier
Can the source of water be identified?	No
Water on Barrier	



Volume of Water on Barrier (gal)	1
Can water be felt under the barrier?	No
Do barrier seams need addition sealing or repair?	Yes
Describe Repair Location and Mark	Tape peeling up

Barrier Repairs Needed



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?	<1 gallon
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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, 11:12, -0.164

Vacuum ID Link	12075 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2020-07-23
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Time	11:12
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Vacuum Reading (in. w.c.)	-0.164
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Number Vacuum Reading	-0.164
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MP-2, 11:11, -0.087

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2020-07-23
------	------------

Time	11:11
Vacuum Reading (in. w.c.)	-0.087
Number Vacuum Reading	-0.087

MP-3, 11:09, -0.076

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-07-23
Time	11:09
Vacuum Reading (in. w.c.)	-0.076
Number Vacuum Reading	-0.076
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?	Yes
Repair Status	Pending

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	Hepaco will smoke test today to find potential leaks.
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12075 Brewster, 2020-08-04, Water Inspection

Created	2020-08-04 14:42:19 UTC by Heather Woodrum
Updated	2020-08-04 14:59:16 UTC by Heather Woodrum

General Information

System Inspector	Heather Woodrum
Date	2020-08-04
Time	10:48
System Details Link	12075 Brewster
Property Address	12075 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	69.98
Barometric Pressure	29.95

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, 10:54, -0.159

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-08-04
Time	10:54
Vacuum Reading (in. w.c.)	-0.159

Number Vacuum Reading	-0.159
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MP-2, 10:55, -0.085

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-08-04
Time	10:55
Vacuum Reading (in. w.c.)	-0.085
Number Vacuum Reading	-0.085

MP-3, 10:56, -0.070

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-08-04
Time	10:56
Vacuum Reading (in. w.c.)	-0.070
Number Vacuum Reading	-0.07
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

Crawl space is locked

Photos



12075 Brewster, 2020-08-31, Water Inspection

Created	2020-08-31 14:20:54 UTC by Andrew Banitt
Updated	2020-08-31 20:25:27 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2020-08-31
Time	10:20
System Details Link	12075 Brewster
Property Address	12075 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 Sunny
Ambient Temperature	75
Barometric Pressure	29.9

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	Southwest corner
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	Unknown, most likely from under liner
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?	6 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, 10:47, -0.068

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-08-31
Time	10:47
Vacuum Reading (in. w.c.)	-0.068
Number Vacuum Reading	-0.068

MP-2, 10:47, -0.078

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-08-31
Time	10:47
Vacuum Reading (in. w.c.)	-0.078
Number Vacuum Reading	-0.078

MP-1, 10:48, -0.156

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-08-31
Time	10:48
Vacuum Reading (in. w.c.)	-0.156
Number Vacuum Reading	-0.156
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?	Yes
Repair Status	NA

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	

12075 Brewster, 2020-09-09, Water Inspection

Created	2020-09-09 17:08:15 UTC by Seth Turner
Updated	2020-09-09 17:12:23 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-09-09
Time	13:08
System Details Link	12075 Brewster
Property Address	12075 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	65
Barometric Pressure	30.29

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
Can the source of water be identified?	No
Water on Barrier	



Volume of Water on Barrier (gal)	10
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, 13:11, -0.067

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-09-09
Time	13:11
Vacuum Reading (in. w.c.)	-0.067
Number Vacuum Reading	-0.067

MP-2, 13:11, -0.076

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-09-09
Time	13:11
Vacuum Reading (in. w.c.)	-0.076
Number Vacuum Reading	-0.076

MP-3, 13:12, -0.148

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-09-09
Time	13:12
Vacuum Reading (in. w.c.)	-0.148
Number Vacuum Reading	-0.148
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
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Were system repairs completed during this visit?	No
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Are there outstanding repairs to be completed?	No
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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

12075 Brewster, 2020-11-09, Full System Inspection

Created	2020-11-09 18:58:17 UTC by Seth Turner
Updated	2020-11-09 20:34:50 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-11-09
Time	13:58
System Details Link	12075 Brewster
Property Address	12075 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	Mostly Clear
Ambient Temperature	73.94
Barometric Pressure	30.15
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	Yes
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	Yes
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)?	No
List Changed Valves	BV-1 increased to 30% open.

Drains

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

Is the sump full/evidence pump is broken?	No
Was the owner notified?	Yes

Shed Retrocoat

Is retrocoat damaged or missing?	No
Where is retrocoat damaged?	N/A

Retrocoat damage

Crawlspace Barrier

Is water present on the vapor barrier?	No
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Labels

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



Are labels present at the sump?

Yes

Sump Label Photos



Shed Retrocoat Label Photos



Are labels present at the shed retrocoat? 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, 14:47, -0.163

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-11-09
Time	14:47
Vacuum Reading (in. w.c.)	-0.163
Number Vacuum Reading	-0.163

MP-2, 14:47, -0.089

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2020-11-09
Time	14:47
Vacuum Reading (in. w.c.)	-0.089
Number Vacuum Reading	-0.089

MP-3, 14:47, -0.080

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-11-09
Time	14:47
Vacuum Reading (in. w.c.)	-0.080
Number Vacuum Reading	-0.08

SSMP-1, 14:36, -0.159

Vacuum ID Link	12075 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2020-11-09

Time	14:36
Vacuum Reading (in. w.c.)	-0.159
Number Vacuum Reading	-0.159

SSMP-2, 14:36, -0.037

Vacuum ID Link	12075 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2020-11-09
Time	14:36
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

SSMP-3, 14:34, -0.020

Vacuum ID Link	12075 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2020-11-09
Time	14:34
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

SSMP-4, 14:35, -0.044

Vacuum ID Link	12075 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2020-11-09
Time	14:35
Vacuum Reading (in. w.c.)	-0.044
Number Vacuum Reading	-0.044

U-Tube Manometer, 14:18, -2.9

Vacuum ID Link	12075 Brewster, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-11-09
Time	14:18
Vacuum Reading (in. w.c.)	-2.9
Number Vacuum Reading	-2.9

MP-1, 14:00, -0.161

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2020-11-09
Time	14:00
Vacuum Reading (in. w.c.)	-0.161
Number Vacuum Reading	-0.161

MP-2, 14:01, -0.086

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
Date	2020-11-09
Time	14:01
Vacuum Reading (in. w.c.)	-0.086
Number Vacuum Reading	-0.086

MP-3, 14:01, -0.077

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2020-11-09
Time	14:01
Vacuum Reading (in. w.c.)	-0.077
Number Vacuum Reading	-0.077

SSMP-1, 15:28, -0.145

Vacuum ID Link	12075 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2020-11-09
Time	15:28
Vacuum Reading (in. w.c.)	-0.145
Number Vacuum Reading	-0.145

SSMP-2, 15:29, -0.033

Vacuum ID Link	12075 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2020-11-09
Time	15:29
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

SSMP-3, 15:29, -0.012

Vacuum ID Link	12075 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2020-11-09
Time	15:29
Vacuum Reading (in. w.c.)	-0.012
Number Vacuum Reading	-0.012

SSMP-4, 15:29, -0.039

Vacuum ID Link	12075 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2020-11-09
Time	15:29
Vacuum Reading (in. w.c.)	-0.039
Number Vacuum Reading	-0.039

BV-2, 14:07, 100

Valve ID Link	12075 Brewster, BV-2
Valve ID	BV-2
Date	2020-11-09
Time	14:07
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-1, 14:20, 30

Valve ID Link	12075 Brewster, BV-1
Valve ID	BV-1
Date	2020-11-09
Time	14:20
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	30
Were interim vacuum readings taken between initial and final vacuum readings?	Yes

Upload photo/screenshot of vacuum/valve position adjustments



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?	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	

12075 Brewster, 2021-02-15, Full System Inspection

Created	2021-02-15 18:01:59 UTC by Seth Turner
Updated	2021-02-15 20:34:57 UTC by Andrew Banitt

General Information

System Inspector	Seth Turner
Date	2021-02-15
Time	13:01
System Details Link	12075 Brewster
Property Address	12075 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	4F, snowy
Ambient Temperature	4
Barometric Pressure	29.29
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	Yes
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	Yes
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
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Sumps

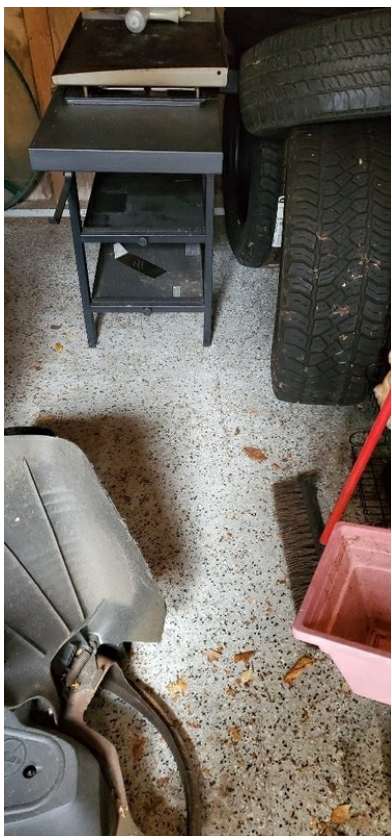
Is the sump full/evidence pump is broken?	No
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Was the owner notified?	No
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Shed Retrocoat

Is retrocoat damaged or missing?	No
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Retrocoat damage



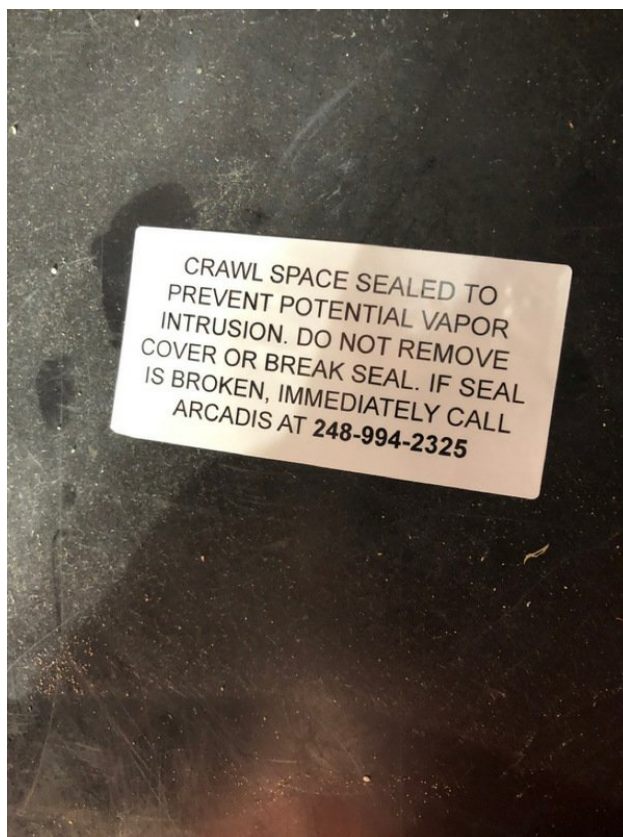
Crawlspace Barrier

Is water present on the vapor barrier?	No
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Labels

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



Are labels present at the sump?

Yes

Sump Label Photos



Are labels present at the shed retrocoat?

Yes

Shed Retrocoat 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

U-Tube Manometer, 13:05, -2.8

Vacuum ID Link	12075 Brewster, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-15
Time	13:05
Vacuum Reading (in. w.c.)	-2.8
Number Vacuum Reading	-2.8

SSMP-4, 13:09, -0.046

Vacuum ID Link	12075 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2021-02-15
Time	13:09
Vacuum Reading (in. w.c.)	-0.046
Number Vacuum Reading	-0.046

SSMP-2, 13:10, -0.045

Vacuum ID Link	12075 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-15
Time	13:10
Vacuum Reading (in. w.c.)	-0.045
Number Vacuum Reading	-0.045

SSMP-1, 13:12, -0.198

Vacuum ID Link	12075 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2021-02-15
Time	13:12

Vacuum Reading (in. w.c.)	-0.198
Number Vacuum Reading	-0.198

SSMP-3, 13:14, -0.068

Vacuum ID Link	12075 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-15
Time	13:14
Vacuum Reading (in. w.c.)	-0.068
Number Vacuum Reading	-0.068

MP-3, 13:23, -0.099

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-02-15
Time	13:23
Vacuum Reading (in. w.c.)	-0.099
Number Vacuum Reading	-0.099

MP-1, 13:24, -.174

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-02-15
Time	13:24
Vacuum Reading (in. w.c.)	-.174
Number Vacuum Reading	-0.174

MP-2, 13:25, -0.105

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-02-15
Time	13:25
Vacuum Reading (in. w.c.)	-0.105
Number Vacuum Reading	-0.105

BV-1, 13:04, 10

Valve ID Link	12075 Brewster, BV-1
Valve ID	BV-1
Date	2021-02-15
Time	13:04
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-2, 13:26, 100

Valve ID Link	12075 Brewster, BV-2
Valve ID	BV-2

Date	2021-02-15
Time	13:26
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100
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?	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
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email body

Engineer Notification

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

12075 Brewster, 2021-03-29, Water Inspection

Created	2021-03-29 18:04:54 UTC by Emma Witherspoon
Updated	2021-03-29 18:08:01 UTC by Emma Witherspoon

General Information

System Inspector	Emma Witherspoon
Date	2021-03-29
Time	14:04
System Details Link	12075 Brewster
Property Address	12075 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	42.08
Barometric Pressure	30.23

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-2, 14:06, -0.104

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-03-29
Time	14:06
Vacuum Reading (in. w.c.)	-0.104

Number Vacuum Reading	-0.104
-----------------------	--------

MP-3, 14:07, -0.098

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-03-29
Time	14:07
Vacuum Reading (in. w.c.)	-0.098
Number Vacuum Reading	-0.098

MP-1, 14:07, -0.176

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-03-29
Time	14:07
Vacuum Reading (in. w.c.)	-0.176
Number Vacuum Reading	-0.176
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	

12075 Brewster, 2021-06-22, Water Inspection

Created	2021-06-22 16:22:26 UTC by Andrew Banitt
Updated	2021-06-22 20:19:53 UTC by Andrew Banitt


General Information

System Inspector	Andrew Banitt
Date	2021-06-22
Time	12:22
System Details Link	12075 Brewster
Property Address	12075 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
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	SE corner/middle. Close to exterior entrance.
Can the source of water be identified?	Yes
Water on Barrier	

Volume of Water on Barrier (gal)	8
Can water be felt under the barrier?	No
Describe Source Location	Loose seams
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?	8
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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, 13:18, -0.180

Vacuum ID Link	12075 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2021-06-22
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Time	13:18
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Vacuum Reading (in. w.c.)	-0.180
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Number Vacuum Reading	-0.18
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MP-3, 13:18, -0.089

Vacuum ID Link	12075 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-06-22
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Time	13:18
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Vacuum Reading (in. w.c.)	-0.089
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Number Vacuum Reading	-0.089
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MP-2, 13:19, -0.099

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2021-06-22
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Time	13:19
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Vacuum Reading (in. w.c.)	-0.099
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Number Vacuum Reading	-0.099
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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	
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Repair Completion

Were seam repairs completed during this visit?	Yes
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Were system repairs completed during this visit?	No
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Additional sealing completed:	Yes
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Sealing Completion Date	2021-06-22
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Sealing Repair Photos	
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Are there outstanding repairs to be completed?	Yes
Repair Status	Not complete

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





12075 Brewster, 2021-07-06, System Check, Water Inspection

Created	2021-07-06 13:29:11 UTC by Seth Turner
Updated	2021-07-06 13:46:41 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2021-07-06
Time	09:17
System Details Link	12075 Brewster
Property Address	12075 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
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	By 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	Vent outside
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?	2

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, 09:37, -0.181

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-07-06
Time	09:37
Vacuum Reading (in. w.c.)	-0.181
Number Vacuum Reading	-0.181

MP-2, 09:37, -0.097

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-07-06
Time	09:37
Vacuum Reading (in. w.c.)	-0.097
Number Vacuum Reading	-0.097

MP-3, 09:38, -0.090

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-07-06
Time	09:38
Vacuum Reading (in. w.c.)	-0.090
Number Vacuum Reading	-0.09
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	

Additional Notes and Photos

Photos



12075 Brewster, 2021-07-19, Water Inspection

Created	2021-07-19 18:04:12 UTC by Andrew Banitt
Updated	2021-07-19 18:37:04 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-07-19
Time	14:04
System Details Link	12075 Brewster
Property Address	12075 Brewster
Check Inspection(s) to be Completed	Water Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	88 degrees F partly cloudy wind nw 8 mph
Ambient Temperature	70
Barometric Pressure	30.08

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	South side of crawl space
Can the source of water be identified?	No

Water on Barrier



Volume of Water on Barrier (gal)	10
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Can water be felt under the barrier?	No
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Do barrier seams need addition sealing or repair?	No
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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?	10 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-2, 14:06, -0.094

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-07-19
Time	14:06
Vacuum Reading (in. w.c.)	-0.094
Number Vacuum Reading	-0.094

MP-3, 14:07, -0.081

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-07-19
Time	14:07
Vacuum Reading (in. w.c.)	-0.081
Number Vacuum Reading	-0.081

MP-1, 14:08, -0.176

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-07-19
Time	14:08
Vacuum Reading (in. w.c.)	-0.176
Number Vacuum Reading	-0.176
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?	Yes
Repair Status	NA

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	

12075 Brewster, 2021-07-26, Water Inspection

Created	2021-07-26 19:39:46 UTC by Andrew Banitt
Updated	2021-07-26 19:49:54 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-07-26
Time	15:39
System Details Link	12075 Brewster
Property Address	12075 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	29.99

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	SE corner of crawl space
Can the source of water be identified?	No

Water on Barrier



Volume of Water on Barrier (gal)	5
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, 15:42, -0.181

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2021-07-26
Time	15:42
Vacuum Reading (in. w.c.)	-0.181
Number Vacuum Reading	-0.181

MP-3, 15:43, -0.083

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2021-07-26
Time	15:43
Vacuum Reading (in. w.c.)	-0.083
Number Vacuum Reading	-0.083

MP-2, 15:49, -0.142

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2021-07-26
Time	15:49
Vacuum Reading (in. w.c.)	-0.142
Number Vacuum Reading	-0.142
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
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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	

12075 Brewster, 2021-08-16, Water Inspection

Created	2021-08-16 14:35:05 UTC by Andrew Banitt
Updated	2021-08-16 16:50:48 UTC by Andrew Banitt


General Information

System Inspector	Andrew Banitt
Date	2021-08-16
Time	10:35
System Details Link	12075 Brewster
Property Address	12075 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	68.00
Barometric Pressure	30.14

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	South side of crawl space
Can the source of water be identified?	No
Water on Barrier	

Volume of Water on Barrier (gal)	5
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
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How much water was removed?	5
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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-2, 10:36, -0.095

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2021-08-16
------	------------

Time	10:36
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Vacuum Reading (in. w.c.)	-0.095
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Number Vacuum Reading	-0.095
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MP-1, 10:38, -0.179

Vacuum ID Link	12075 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2021-08-16
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Time	10:38
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Vacuum Reading (in. w.c.)	-0.179
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Number Vacuum Reading	-0.179
-----------------------	--------

MP-3, 10:39, -0.079

Vacuum ID Link	12075 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-08-16
------	------------

Time	10:39
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Vacuum Reading (in. w.c.)	-0.079
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Number Vacuum Reading	-0.079
-----------------------	--------

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 repairs, repair needs, or critical communications in email text	N/A
email body	

12075 Brewster, 2021-09-27, Water Inspection

Created	2021-09-27 14:52:49 UTC by Andrew Banitt
Updated	2021-09-27 14:56:16 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-09-27
Time	10:52
System Details Link	12075 Brewster
Property Address	12075 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
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Barrier

Is water observed on the barrier?	Yes
Location of Water on Barrier	SE corner
Can the source of water be identified?	No

Water on Barrier



Volume of Water on Barrier (gal)	5
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
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How much water was removed?	5
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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, 10:53, -0.165

Vacuum ID Link	12075 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2021-09-27
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Time	10:53
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Vacuum Reading (in. w.c.)	-0.165
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Number Vacuum Reading	-0.165
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MP-2, 10:55, -0.080

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2021-09-27
------	------------

Time	10:55
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Vacuum Reading (in. w.c.)	-0.080
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Number Vacuum Reading	-0.08
-----------------------	-------

MP-3, 10:56, -0.061

Vacuum ID Link	12075 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-09-27
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Time	10:56
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Vacuum Reading (in. w.c.)	-0.061
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Number Vacuum Reading	-0.061
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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 repairs, repair needs, or critical communications in email text	N/A
email body	

12075 Brewster, 2021-10-27, Water Inspection

Created	2021-10-27 16:20:28 UTC by Andrew Banitt
Updated	2021-10-27 17:16:41 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-10-27
Time	12:20
System Details Link	12075 Brewster
Property Address	12075 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 and Fog/Mist
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?	Yes
Location of Water on Barrier	South side of crawlspace
Can the source of water be identified?	No

Water on Barrier





Volume of Water on Barrier (gal)	30
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?	Yes
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How much water was removed?	30
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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, 12:22, -0.161

Vacuum ID Link	12075 Brewster, MP-1
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Vacuum ID	MP-1
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Date	2021-10-27
------	------------

Time	12:22
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Vacuum Reading (in. w.c.)	-0.161
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Number Vacuum Reading	-0.161
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MP-2, 12:22, -0.077

Vacuum ID Link	12075 Brewster, MP-2
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Vacuum ID	MP-2
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Date	2021-10-27
------	------------

Time	12:22
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Vacuum Reading (in. w.c.)	-0.077
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Number Vacuum Reading	-0.077
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MP-3, 12:22, -0.065

Vacuum ID Link	12075 Brewster, MP-3
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Vacuum ID	MP-3
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Date	2021-10-27
------	------------

Time	12:22
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Vacuum Reading (in. w.c.)	-0.065
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Number Vacuum Reading	-0.065
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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
--	----

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

12075 Brewster, 2022-01-25, Full System Inspection

Created	2022-01-25 15:31:20 UTC by Seth Turner
Updated	2022-01-25 17:23:52 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2022-01-25
Time	10:31
System Details Link	12075 Brewster
Property Address	12075 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	17F, sunny
Ambient Temperature	17
Barometric Pressure	29.97
Indoor Temperature	70

Design Components

Does the house have a basement?	No
Does the house have a sump?	Yes
Does the house have garage retrocoat?	No
Does the house have shed retrocoat?	Yes
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
---	----

Sumps

Is the sump full/evidence pump is broken?	No
---	----

Was the owner notified?	No
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Shed Retrocoat

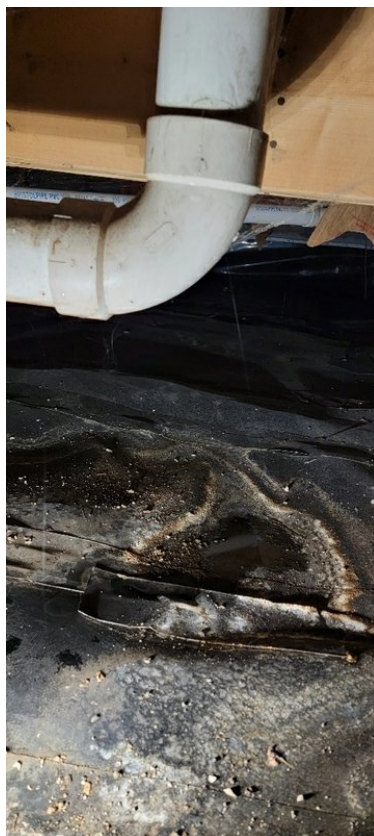
Is retrocoat damaged or missing?	No
----------------------------------	----

Crawlspace Barrier

Is water present on the vapor barrier?	Yes
--	-----

Barrier Comments	1/4 cup of water, wiped up.
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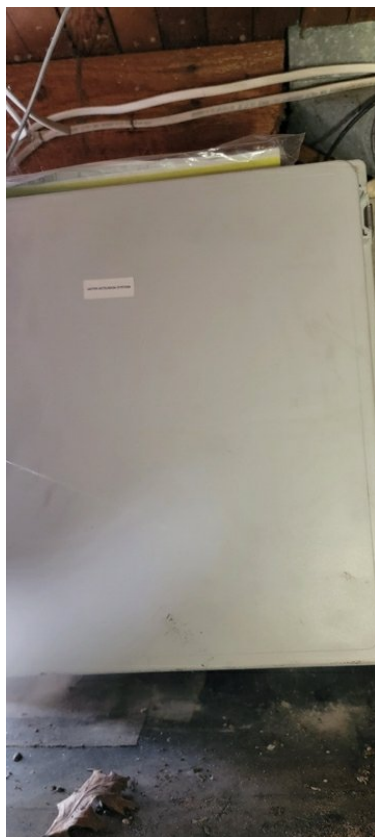
Barrier Repair Needed	
-----------------------	--



Labels

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

Common Label Photos



Are labels present at the sump?

Yes

Sump Label Photos



Are labels present at the shed retrocoat?

Yes

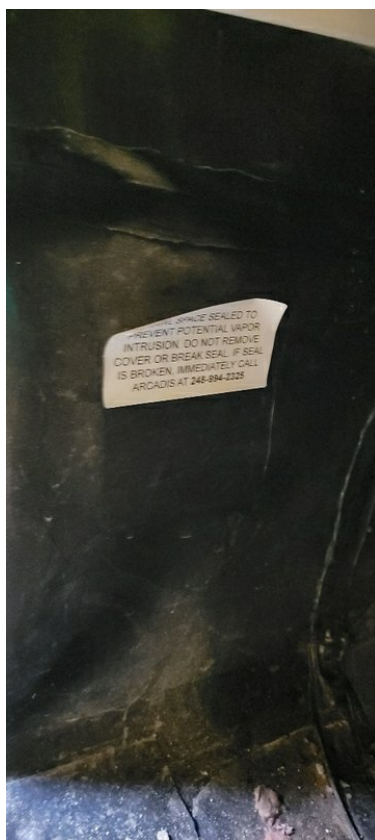
Shed Retrocoat Label Photos



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

MP-3, 10:31, -0.115

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2022-01-25
Time	10:31
Vacuum Reading (in. w.c.)	-0.115
Number Vacuum Reading	-0.115

MP-2, 10:32, -0.120

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2
Date	2022-01-25
Time	10:32
Vacuum Reading (in. w.c.)	-0.120
Number Vacuum Reading	-0.12

MP-1, 10:32, -0.081

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2022-01-25
Time	10:32
Vacuum Reading (in. w.c.)	-0.081
Number Vacuum Reading	-0.081

SSMP-4, 11:00, -0.057

Vacuum ID Link	12075 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-25
Time	11:00

Vacuum Reading (in. w.c.)	-0.057
Number Vacuum Reading	-0.057

SSMP-3, 11:00, -0.023

Vacuum ID Link	12075 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-25
Time	11:00
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

SSMP-1, 11:03, -0.224

Vacuum ID Link	12075 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2022-01-25
Time	11:03
Vacuum Reading (in. w.c.)	-0.224
Number Vacuum Reading	-0.224

SSMP-2, 11:03, -0.060

Vacuum ID Link	12075 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2022-01-25
Time	11:03
Vacuum Reading (in. w.c.)	-0.060
Number Vacuum Reading	-0.06

U-Tube Manometer, 11:04, -2.9

Vacuum ID Link	12075 Brewster, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	11:04
Vacuum Reading (in. w.c.)	-2.9
Number Vacuum Reading	-2.9

MP-3, 11:05, -0.115

Vacuum ID Link	12075 Brewster, MP-3
Vacuum ID	MP-3
Date	2022-01-25
Time	11:05
Vacuum Reading (in. w.c.)	-0.115
Number Vacuum Reading	-0.115

MP-2, 11:05, -0.120

Vacuum ID Link	12075 Brewster, MP-2
Vacuum ID	MP-2

Date	2022-01-25
Time	11:05
Vacuum Reading (in. w.c.)	-0.120
Number Vacuum Reading	-0.12

MP-1, 11:07, -0.083

Vacuum ID Link	12075 Brewster, MP-1
Vacuum ID	MP-1
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-0.083
Number Vacuum Reading	-0.083

SSMP-4, 11:07, -0.057

Vacuum ID Link	12075 Brewster, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-0.057
Number Vacuum Reading	-0.057

SSMP-3, 11:07, -0.023

Vacuum ID Link	12075 Brewster, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

SSMP-1, 11:07, -0.224

Vacuum ID Link	12075 Brewster, SSMP-1
Vacuum ID	SSMP-1
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-0.224
Number Vacuum Reading	-0.224

SSMP-2, 11:07, -0.060

Vacuum ID Link	12075 Brewster, SSMP-2
Vacuum ID	SSMP-2
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-0.060
Number Vacuum Reading	-0.06

U-Tube Manometer, 11:07, -2.9

Vacuum ID Link	12075 Brewster, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	11:07
Vacuum Reading (in. w.c.)	-2.9
Number Vacuum Reading	-2.9

BV-1, 12:12, 10

Valve ID Link	12075 Brewster, BV-1
Valve ID	BV-1
Date	2022-01-25
Time	12:12
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-2, 12:18, 100

Valve ID Link	12075 Brewster, BV-2
Valve ID	BV-2
Date	2022-01-25
Time	12:18
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100
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? Yes

Were system repairs completed during this visit? Yes

Additional sealing completed: Taped seams that were lifting.

Sealing Completion Date 2022-01-25

Sealing Repair Photos





System repairs completed:	Fan cleaned
System Repair Completion Date	2022-01-25
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
