

Transmittal Letter



TO
Frank Antrobius
34401 Capitol
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 - 34401 Capitol

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 June 30, 2020 and March 31, 2022. Please let me know if you have any questions.

34401 Capitol, 2020-07-13, Water Inspection

Created 2020-07-13 14:22:01 UTC by Patrick Labadie

Updated 2020-07-13 15:37:17 UTC by Patrick Labadie

General Information

System Inspector Patrick Labadie

Date 2020-07-13

Time 10:22

System Details Link 34401 Capitol

Property Address 34401 Capitol

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 71.96

Barometric Pressure 29.97

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 Near entrance of crawlspace under leaking plumbing.

Can the source of water be identified? Yes

Water on Barrier







Volume of Water on Barrier (gal)	0.4
Can water be felt under the barrier?	No
Describe Source Location	Coming from loose tape
Do barrier seams need addition sealing or repair?	Yes
Describe Repair Location and Mark	North side of crawlspace near white pvc
Barrier Repairs Needed	



Drains

Does the barrier have drains?

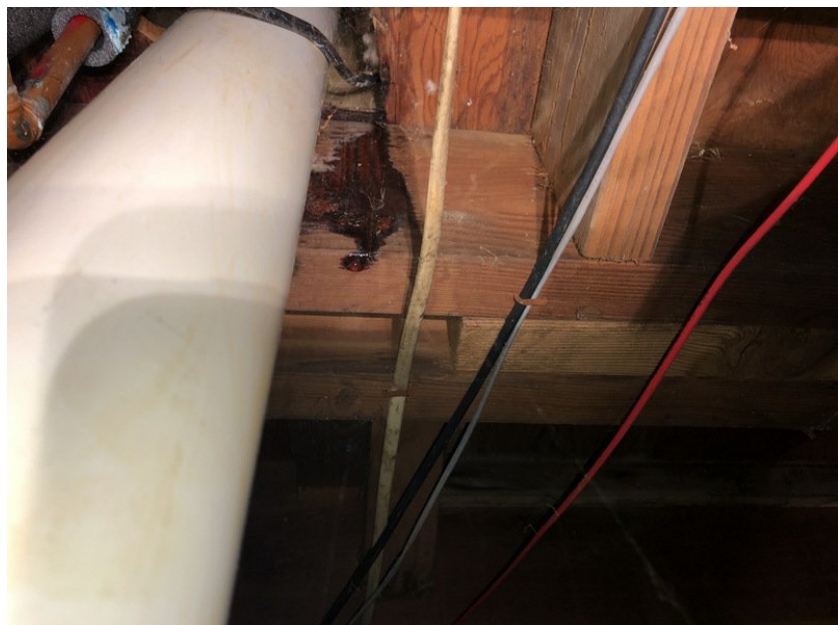
Yes

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

Plumbing

Are plumbing repairs needed?	Yes
Are plumbing repairs on a supply/waste line?	No
Plumbing Repair Location	6 ft NE of crawlspace entrance

Plumbing Repair Photos



Water Removal

Has water been removed today?	Yes
How much water was removed?	1/4gal

Inspection Measurements

Pre-Measurement Conditions

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

U-Tube Manometer, 11:22, -1.8

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-07-13
Time	11:22
Vacuum Reading (in. w.c.)	-1.8
Number Vacuum Reading	-1.8

MP-1, 11:34, -0.20

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-07-13
Time	11:34
Vacuum Reading (in. w.c.)	-0.20
Number Vacuum Reading	-0.2

MP-2, 11:35, -0.018

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-07-13
Time	11:35
Vacuum Reading (in. w.c.)	-0.018
Number Vacuum Reading	-0.018
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? Yes

Were system repairs completed during this visit? No

Additional sealing completed: Near north end of crawlspace near white pvc pipe

Sealing Completion Date 2020-07-13

Sealing Repair Photos





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

Additional Notes and Photos

Notes Bv1 is 100% open. No obvious seam leaks detected.

34401 Capitol, 2020-07-16, Water Inspection

Created	2020-07-16 17:59:10 UTC by Patrick Labadie
Updated	2020-07-16 19:57:28 UTC by Andrew Banitt

General Information

System Inspector	Patrick Labadie
Date	2020-07-16
Time	13:59
System Details Link	34401 Capitol
Property Address	34401 Capitol
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?	Yes
Location of Water on Barrier	Under plumbing that is actively leaking
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	0.5
Can water be felt under the barrier?	No
Describe Source Location	From pipe above
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?	Yes
Are plumbing repairs on a supply/waste line?	No
Plumbing Repair Location	6ft NE

Plumbing Repair Photos



Water Removal

Has water been removed today?	Yes
How much water was removed?	0.5

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, 14:21, -0.023

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-07-16
Time	14:21
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

MP-2, 14:21, -0.019

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-07-16
Time	14:21
Vacuum Reading (in. w.c.)	-0.019
Number Vacuum Reading	-0.019
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



34401 Capitol, 2020-07-20, Water Inspection

Created	2020-07-20 16:47:31 UTC by Patrick Labadie
Updated	2020-07-20 17:12:31 UTC by Patrick Labadie

General Information

System Inspector	Patrick Labadie
Date	2020-07-20
Time	12:47
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	80.06
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	Under plumbing leak that was observed from the last two rain events
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	0.25
Can water be felt under the barrier?	No
Describe Source Location	Under leaking water pipe
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?	Yes
Are plumbing repairs on a supply/waste line?	No
Plumbing Repair Location	6ft NE of crawlspace entrance

Plumbing Repair Photos



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, 13:09, -0.020

Vacuum ID Link	34401 Capitol, MP-1
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Vacuum ID	MP-1
Date	2020-07-20
Time	13:09
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

MP-2, 13:10, -0.017

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-07-20
Time	13:10
Vacuum Reading (in. w.c.)	-0.017
Number Vacuum Reading	-0.017
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	

34401 Capitol, 2020-08-04, Water Inspection

Created	2020-08-04 15:19:31 UTC by Heather Woodrum
Updated	2020-08-04 15:53:51 UTC by Heather Woodrum

General Information

System Inspector	Heather Woodrum
Date	2020-08-04
Time	11:25
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	71.96
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?	Yes
Location of Water on Barrier	Right of the crawl space entrance
Can the source of water be identified?	Yes

Water on Barrier



Volume of Water on Barrier (gal)	5
Can water be felt under the barrier?	Yes

Describe Source Location	Seam underwater
Do barrier seams need addition sealing or repair?	Yes
Describe Repair Location and Mark	Under water

Barrier Repairs Needed



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, 11:24, -0.020

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1

Date	2020-08-04
Time	11:24
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

MP-2, 11:26, -0.016

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-08-04
Time	11:26
Vacuum Reading (in. w.c.)	-0.016
Number Vacuum Reading	-0.016

U-Tube Manometer, 11:26, -1.7

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-08-04
Time	11:26
Vacuum Reading (in. w.c.)	-1.7
Number Vacuum Reading	-1.7

MP-2, 11:36, -0.012

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-08-04
Time	11:36
Vacuum Reading (in. w.c.)	-0.012
Number Vacuum Reading	-0.012

MP-1, 11:37, -0.020

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-08-04
Time	11:37
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

U-Tube Manometer, 11:52, -1.7

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-08-04
Time	11:52
Vacuum Reading (in. w.c.)	-1.7
Number Vacuum Reading	-1.7

MP-1, 11:52, -0.021

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-08-04
Time	11:52
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-2, 11:52, -0.018

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-08-04
Time	11:52
Vacuum Reading (in. w.c.)	-0.018
Number Vacuum Reading	-0.018
Were interim vacuum readings taken between initial and final vacuum readings?	Yes

Upload photo/screenshot of vacuum/valve position adjustments

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?	Yes
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Were system repairs completed during this visit?	No
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Additional sealing completed:	Rip in liner
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Sealing Completion Date	2020-08-04
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Sealing Repair Photos





Are there outstanding repairs to be completed?	Yes
Repair Status	To be completed August 5

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	Evidence of rodents
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Photos



34401 Capitol, 2020-08-31, Water Inspection

Created	2020-08-31 17:30:52 UTC by Emma Witherspoon
Updated	2020-09-04 21:31:09 UTC by Andrew Banitt

General Information

System Inspector	Emma Witherspoon
Date	2020-08-31
Time	12:47
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	77.00
Barometric Pressure	29.88

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 and NE in crawl space
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? 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

Water Removal

Has water been removed today? Yes

How much water was removed? 1 gallon

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions? Yes

Measurements and Valve Positions

MP-1, 16:25, -0.021

Vacuum ID Link 34401 Capitol, MP-1

Vacuum ID MP-1

Date 2020-08-31

Time 16:25

Vacuum Reading (in. w.c.) -0.021

Number Vacuum Reading -0.021

MP-2, 17:30, -0.017

Vacuum ID Link 34401 Capitol, MP-2

Vacuum ID MP-2

Date 2020-09-04

Time 17:30

Vacuum Reading (in. w.c.) -0.017

Number Vacuum Reading -0.017

U-Tube Manometer, 17:30, -1.7

Vacuum ID Link 34401 Capitol, U-Tube Manometer

Vacuum ID U-Tube Manometer

Date 2020-09-04

Time 17:30

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

email body

Repair Completion

Were seam repairs completed during this visit? Yes

Were system repairs completed during this visit? No

Additional sealing completed: Patch left of entrance

Sealing Completion Date 2020-08-31

Sealing Repair Photos



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 Vacuum readings taken on September 4th because system was offline.

34401 Capitol, 2020-09-04, System Check

Created	2020-09-04 19:06:30 UTC by Andrew Banitt
Updated	2020-09-04 19:12:31 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2020-09-04
Time	15:06
System Details Link	34401 Capitol
Property Address	34401 Capitol
Check Inspection(s) to be Completed	System Check
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Clear
Ambient Temperature	73.04
Barometric Pressure	30.06
Indoor Temperature	70

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, 15:07, -0.017

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-09-04
Time	15:07
Vacuum Reading (in. w.c.)	-0.017
Number Vacuum Reading	-0.017

MP-1, 15:08, -0.021

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-09-04
Time	15:08
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

U-Tube Manometer, 15:08, -1.7

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-09-04
Time	15:08

Vacuum Reading (in. w.c.)	-1.7
Number Vacuum Reading	-1.7

BV-1, 15:11, 100

Valve ID Link	34401 Capitol, BV-1
Valve ID	BV-1
Date	2020-09-04
Time	15:11
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?	No
Which ones don't and why?	Liner needs repair
Proposed modifications to address vacuum?	Liner patching
Were any ball valve positions changed?	No

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

email body

34401 Capitol, 2020-09-09, Water Inspection

Created	2020-09-09 14:30:08 UTC by Seth Turner
Updated	2020-09-09 16:09:18 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-09-09
Time	10:30
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	Under sanitary line
Can the source of water be identified?	Yes

Water on Barrier





Volume of Water on Barrier (gal)	0.1
Can water be felt under the barrier?	No
Describe Source Location	Na

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? No

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions? Yes

Measurements and Valve Positions

MP-2, 10:32, -0.015

Vacuum ID Link 34401 Capitol, MP-2

Vacuum ID MP-2

Date 2020-09-09

Time 10:32

Vacuum Reading (in. w.c.) -0.015

Number Vacuum Reading -0.015

MP-1, 10:34, -0.025

Vacuum ID Link 34401 Capitol, MP-1

Vacuum ID MP-1

Date 2020-09-09

Time 10:34

Vacuum Reading (in. w.c.) -0.025

Number Vacuum Reading -0.025

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

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

34401 Capitol, 2020-10-28, System Check

Created	2020-10-28 19:42:55 UTC by Andrew Banitt
Updated	2020-11-12 14:11:21 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2020-10-28
Time	15:42
System Details Link	34401 Capitol
Property Address	34401 Capitol
Check Inspection(s) to be Completed	System Check
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Mostly Cloudy
Ambient Temperature	51.98
Barometric Pressure	29.98
Indoor Temperature	70

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	No
Building Condition Comments:	Good

Measurements and Valve Positions

MP-1, 15:43, -0.027

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2020-10-28
Time	15:43
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

MP-2, 15:43, -0.027

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2020-10-28
Time	15:43
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

U-Tube Manometer, 15:43, -1.8

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-10-28

Time	15:43
Vacuum Reading (in. w.c.)	-1.8
Number Vacuum Reading	-1.8

BV-1, 15:45, 100

Valve ID Link	34401 Capitol, BV-1
Valve ID	BV-1
Date	2020-10-28
Time	15:45
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
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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?	No
Additional sealing completed:	Marked areas from smoke test.
Sealing Completion Date	2020-10-28
Sealing Repair Photos	







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

34401 Capitol, 2020-11-12, Full System Inspection

Created	2020-11-12 13:54:44 UTC by Seth Turner
Updated	2020-11-12 14:26:15 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-11-12
Time	08:54
System Details Link	34401 Capitol
Property Address	34401 Capitol
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Fog/Mist
Ambient Temperature	33.08
Barometric Pressure	30.21
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?	Yes
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

Garage Retrocoat

Is retrocoat damaged or missing? No

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

Labels

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

Garage Retrocoat Label Photos



Are labels present at the garage retrocoat?

Yes

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, 09:13, -0.026

Vacuum ID Link 34401 Capitol, MP-1

Vacuum ID MP-1

Date 2020-11-12

Time 09:13

Vacuum Reading (in. w.c.) -0.026

Number Vacuum Reading -0.026

09:14, -0.025

Date 2020-11-12

Time 09:14

Vacuum Reading (in. w.c.) -0.025

Number Vacuum Reading -0.025

U-Tube Manometer, 09:21, -1.5

Vacuum ID Link 34401 Capitol, U-Tube Manometer

Vacuum ID	U-Tube Manometer
Date	2020-11-12
Time	09:21
Vacuum Reading (in. w.c.)	-1.5
Number Vacuum Reading	-1.5

BV-1, 09:14, 100

Valve ID Link	34401 Capitol, BV-1
Valve ID	BV-1
Date	2020-11-12
Time	09:14
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 repairs, repair needs, or critical communications in email text	N/A
--	-----

email body

34401 Capitol, 2021-02-17, Full System Inspection

Created	2021-02-17 13:59:08 UTC by Seth Turner
Updated	2021-02-17 16:25:13 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2021-02-17
Time	08:59
System Details Link	34401 Capitol
Property Address	34401 Capitol
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	1F, cloudy
Ambient Temperature	1F
Barometric Pressure	30.48
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?	Yes
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

Garage Retrocoat

Is retrocoat damaged or missing? No

Shed Retrocoat

Is retrocoat damaged or missing? No

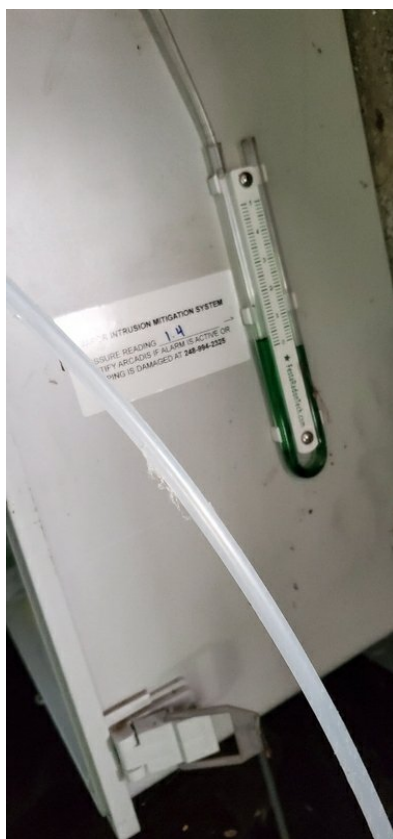
Crawlspace Barrier

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 garage retrocoat? Yes

Garage Retrocoat Label Photos



Are labels present at the shed retrocoat?

Yes

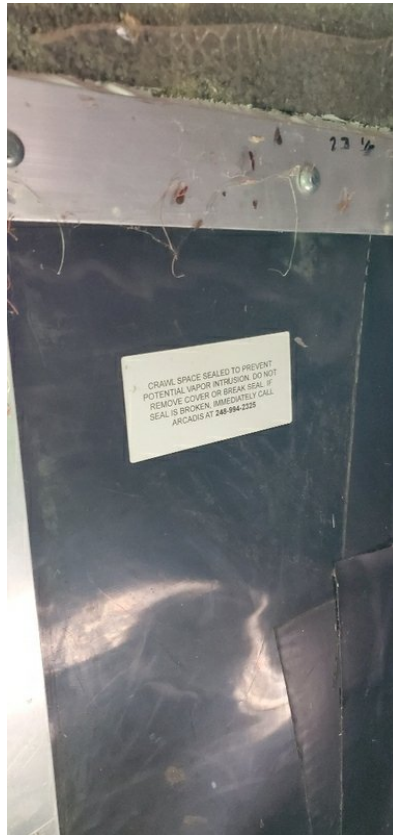
Shed Retrocoat Label Photos



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, 10:47, -1.5

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-17
Time	10:47
Vacuum Reading (in. w.c.)	-1.5

Number Vacuum Reading	-1.5
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MP-1, 10:47, -0.022

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-02-17
Time	10:47
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-2, 10:48, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-02-17
Time	10:48
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-1, 11:13, -0.024

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-02-17
Time	11:13
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-2, 11:13, -0.025

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-02-17
Time	11:13
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

U-Tube Manometer, 11:13, -1.6

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-17
Time	11:13
Vacuum Reading (in. w.c.)	-1.6
Number Vacuum Reading	-1.6

BV-1, 10:48, 100

Valve ID Link	34401 Capitol, BV-1
Valve ID	BV-1
Date	2021-02-17

Time	10:48
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 email body	N/A
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Repair Completion

Were seam repairs completed during this visit?	Yes
Were system repairs completed during this visit?	No
Additional sealing completed:	Numerous liner repairs were made along the geovent on North side of crawlspace.
Sealing Completion Date	2021-02-17
Sealing 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

34401 Capitol, 2021-03-29, Water Inspection

Created	2021-03-29 16:45:24 UTC by Emma Witherspoon
Updated	2021-03-29 16:47:57 UTC by Emma Witherspoon

General Information

System Inspector	Emma Witherspoon
Date	2021-03-29
Time	12:45
System Details Link	34401 Capitol
Property Address	34401 Capitol
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
--	-----

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
------------------------------	----

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, 12:46, -0.025

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-03-29

Time	12:46
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

MP-2, 12:46, -0.022

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-03-29
Time	12:46
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022
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
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	

34401 Capitol, 2021-06-22, Water Inspection

Created	2021-06-22 15:17:27 UTC by Andrew Banitt
Updated	2021-06-22 15:30:50 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-06-22
Time	11:17
System Details Link	34401 Capitol
Property Address	34401 Capitol
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?	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
------------------------------	----

Water Removal

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

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
---	-----

Measurements and Valve Positions

MP-1, 11:18, -0.024

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-06-22

Time	11:18
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-2, 11:19, -0.014

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-06-22
Time	11:19
Vacuum Reading (in. w.c.)	-0.014
Number Vacuum Reading	-0.014

U-Tube Manometer, 11:21, -1.6

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-06-22
Time	11:21
Vacuum Reading (in. w.c.)	-1.6
Number Vacuum Reading	-1.6

MP-2, 11:30, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-06-22
Time	11:30
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

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?	Yes
System repairs completed:	Tape peeling off wall

System Repair Completion Date

2021-06-22

System Repair Photos



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



34401 Capitol, 2021-07-06, System Check, Water Inspection

Created	2021-07-06 12:50:42 UTC by Seth Turner
Updated	2021-07-06 12:58:05 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2021-07-06
Time	08:26
System Details Link	34401 Capitol
Property Address	34401 Capitol
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
------------------------------	----

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, 08:56, -0.024

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-07-06

Time	08:56
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-2, 08:57, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-07-06
Time	08:57
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

U-Tube Manometer, 08:57, -1.6

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-07-06
Time	08:57
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
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email body

34401 Capitol, 2021-08-16, Water Inspection

Created	2021-08-16 13:52:09 UTC by Andrew Banitt
Updated	2021-08-16 13:56:06 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-08-16
Time	09:52
System Details Link	34401 Capitol
Property Address	34401 Capitol
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?	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
------------------------------	----

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, 09:54, -0.020

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-08-16

Time	09:54
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

U-Tube Manometer, 09:54, -1.5

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-08-16
Time	09:54
Vacuum Reading (in. w.c.)	-1.5
Number Vacuum Reading	-1.5

MP-2, 09:55, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-08-16
Time	09:55
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021
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
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
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email body

34401 Capitol, 2021-09-27, Water Inspection

Created	2021-09-27 15:27:08 UTC by Andrew Banitt
Updated	2021-09-27 15:27:54 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-09-27
Time	11:27
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	69.98
Barometric Pressure	29.81

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
-------------------------------	----

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-2, 11:27, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-09-27
Time	11:27
Vacuum Reading (in. w.c.)	-0.021

Number Vacuum Reading	-0.021
-----------------------	--------

MP-1, 11:27, -0.022

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-09-27
Time	11:27
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

U-Tube Manometer, 11:27, -1.7

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-09-27
Time	11:27
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
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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
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email body

34401 Capitol, 2021-10-27, Water Inspection

Created	2021-10-27 17:41:45 UTC by Andrew Banitt
Updated	2021-10-27 17:42:59 UTC by Andrew Banitt

General Information

System Inspector	Andrew Banitt
Date	2021-10-27
Time	13:41
System Details Link	34401 Capitol
Property Address	34401 Capitol
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
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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
------------------------------	----

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-1, 13:42, -0.022

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2021-10-27
Time	13:42
Vacuum Reading (in. w.c.)	-0.022

Number Vacuum Reading	-0.022
-----------------------	--------

MP-2, 13:42, -0.021

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2021-10-27
Time	13:42
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

U-Tube Manometer, 13:42, -1.7

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-10-27
Time	13:42
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
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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
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email body

34401 Capitol, 2022-01-18, Full System Inspection

Created	2022-01-18 19:00:10 UTC by Seth Turner
Updated	2022-01-18 20:12:54 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2022-01-18
Time	14:00
System Details Link	34401 Capitol
Property Address	34401 Capitol
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	32F
Barometric Pressure	29.92
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?	Yes
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

Garage Retrocoat

Is retrocoat damaged or missing? No

Shed Retrocoat

Is retrocoat damaged or missing? 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 garage retrocoat? Yes

Garage Retrocoat 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-1, 14:34, -0.021

Vacuum ID Link	34401 Capitol, MP-1
Vacuum ID	MP-1
Date	2022-01-18
Time	14:34
Vacuum Reading (in. w.c.)	-0.021

Number Vacuum Reading	-0.021
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MP-2, 14:36, -0.022

Vacuum ID Link	34401 Capitol, MP-2
Vacuum ID	MP-2
Date	2022-01-18
Time	14:36
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

U-Tube Manometer, 14:36, -1.6

Vacuum ID Link	34401 Capitol, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-18
Time	14:36
Vacuum Reading (in. w.c.)	-1.6
Number Vacuum Reading	-1.6

BV-1, 14:41, 100

Valve ID Link	34401 Capitol, BV-1
Valve ID	BV-1
Date	2022-01-18
Time	14:41
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
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Check the alarm history on the disconnect for the fan. Was it off for any length of time?	No
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Is the cloud logging vacuum readings properly (log in to check)?	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?	Yes
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Were system repairs completed during this visit?	No
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Additional sealing completed:	Tape applied BY MP-1
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Sealing Completion Date	2022-01-18
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Sealing 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 N/A
repairs, repair needs, or critical communications in
email text
email body
