

Transmittal Letter



TO
James & Nicole Borovsky
12131 Boston Post
Livonia, MI 48150

FROM
Kristoffer Hinskey
248-994-2240
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ELECTRONIC COPIES TO
Jeanne Schlaufman (EGLE)
Todd Walton (Ford)
Chuck Pinter (Ford)

DATE
October 5, 2022

PROJECT NUMBER
30146655

SUBJECT
Operation, Monitoring, and
Maintenance Field Notes - 12131 Boston Post

We are sending you:

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

Action*

- | | | |
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| <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 November 30, 2020 and March 31, 2022. Please let me know if you have any questions.

12131 Boston Post, 2020-09-24, System Check

Created	2020-12-17 21:47:58 UTC by Quinn Carnahan
Updated	2020-12-17 21:47:58 UTC by Quinn Carnahan

General Information

System Inspector	Quinn Carnahan
Date	2020-09-24
Time	15:40
System Details Link	12131 Boston Post
Property Address	12131 Boston Post
Check Inspection(s) to be Completed	System Check
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Overcast
Ambient Temperature	55
Barometric Pressure	30.07
Indoor Temperature	70

Inspection Measurements

Pre-Measurement Conditions

Are vacuum readings being taken under closed building conditions?	Yes
Building Condition Comments:	Building is closed, garage door and windows are closed up.

Measurements and Valve Positions

MP-1, 14:10, -0.013

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2020-09-24
Time	14:10
Vacuum Reading (in. w.c.)	-0.013
Number Vacuum Reading	-0.013
Threshold pressure not met, troubleshoot and discuss with engineer as needed.	MP-4 has a vaccum transmitter

MP-2, 14:15, -0.021

Vacuum ID Link	12131 Boston Post, MP-2
Vacuum ID	MP-2
Date	2020-06-24
Time	14:15
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-3, 14:20, -0.031

Vacuum ID Link	12131 Boston Post, MP-3
Vacuum ID	MP-3

Date	2020-06-24
Time	14:20
Vacuum Reading (in. w.c.)	-0.031
Number Vacuum Reading	-0.031

MP-4, 14:25, -0.004

Vacuum ID Link	12131 Boston Post, MP-4
Vacuum ID	MP-4
Date	2020-09-24
Time	14:25
Vacuum Reading (in. w.c.)	-0.004
Number Vacuum Reading	-0.004
Threshold pressure not met, troubleshoot and discuss with engineer as needed.	Vacuum transmitter present

SSMP-5, 14:30, -0.011

Vacuum ID Link	12131 Boston Post, SSMP-5
Vacuum ID	SSMP-5
Date	2020-09-24
Time	14:30
Vacuum Reading (in. w.c.)	-0.011
Number Vacuum Reading	-0.011
Threshold pressure not met, troubleshoot and discuss with engineer as needed.	MP-4 has a vacuum transmitter

SSMP-6, 14:35, -0.011

Vacuum ID Link	12131 Boston Post, SSMP-6
Vacuum ID	SSMP-6
Date	2020-09-24
Time	14:35
Vacuum Reading (in. w.c.)	-0.011
Number Vacuum Reading	-0.011
Threshold pressure not met, troubleshoot and discuss with engineer as needed.	MP-4 has a vacuum transmitter

SSMP-1, 14:40, -0.194

Vacuum ID Link	12131 Boston Post, SSMP-1
Vacuum ID	SSMP-1
Date	2020-09-24
Time	14:40
Vacuum Reading (in. w.c.)	-0.194
Number Vacuum Reading	-0.194

SSMP-2, 14:45, -0.034

Vacuum ID Link	12131 Boston Post, SSMP-2
Vacuum ID	SSMP-2
Date	2020-09-24

Time	14:45
Vacuum Reading (in. w.c.)	-0.034
Number Vacuum Reading	-0.034

SSMP-3, 14:50, -0.035

Vacuum ID Link	12131 Boston Post, SSMP-3
Vacuum ID	SSMP-3
Date	2020-09-24
Time	14:50
Vacuum Reading (in. w.c.)	-0.035
Number Vacuum Reading	-0.035

SSMP-4, 14:55, -0.033

Vacuum ID Link	12131 Boston Post, SSMP-4
Vacuum ID	SSMP-4
Date	2020-09-24
Time	14:55
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

U-Tube Manometer, 15:00, -2.6

Vacuum ID Link	12131 Boston Post, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-09-24
Time	15:00
Vacuum Reading (in. w.c.)	-2.6
Number Vacuum Reading	-2.6

BV-1, 14:22, 50

Valve ID Link	12131 Boston Post, BV-1
Valve ID	BV-1
Date	2020-09-24
Time	14:22
Valve Position at Departure (% Open)	50

BV-2, 14:32, 25

Valve ID Link	12131 Boston Post, BV-2
Valve ID	BV-2
Date	2020-09-24
Time	14:32
Valve Position at Departure (% Open)	25

BV-3, 14:42, 10

Valve ID Link	12131 Boston Post, BV-3
Valve ID	BV-3
Date	2020-09-24

Time	14:42
Valve Position at Departure (% Open)	10

BV-4, 14:47, 75

Valve ID Link	12131 Boston Post, BV-4
Valve ID	BV-4
Date	2020-09-24
Time	14:47
Valve Position at Departure (% Open)	75

BV-5, 14:52, 100

Valve ID Link	12131 Boston Post, BV-5
Valve ID	BV-5
Date	2020-09-24
Time	14:52
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?	MP-4, SSMP-5, SSMP-6 do not meet metrics. MP-4 is the lowest and has a vacuum transmitter
Proposed modifications to address vacuum?	Consider adjusting valves to increase influence at MP-4.
Were any ball valve positions changed?	Yes
Did you take final readings?	Yes

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

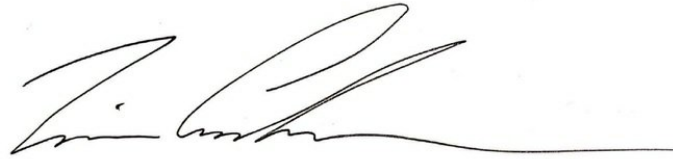
Engineer Notification

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

email body

Additional Notes and Photos

Photos

A handwritten signature in black ink, appearing to be "T. C. [unclear]", written in a cursive style.

12131 Boston Post, 2021-02-24, Full System Inspection

Created	2021-02-24 13:25:15 UTC by Seth Turner
Updated	2021-02-24 15:29:49 UTC by Andrew Banitt

General Information

System Inspector	Seth Turner
Date	2021-02-24
Time	08:45
System Details Link	12131 Boston Post
Property Address	12131 Boston Post
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	39F, clear
Ambient Temperature	39F
Barometric Pressure	29.73
Indoor Temperature	70

Design Components

Does the house have a basement?	Yes
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?	Yes
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?	Yes
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Caulking Repairs Needed



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
Explain Pipe Related Repairs Needed	Crack in cement at doorway between basement and furnace room/crawlspace sealed with sikaflex.

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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Basement

Is water present in the basement?	No
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Sumps

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

Shed Retrocoat

Is retrocoat damaged or missing?	No
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Basement Retrocoat

Is retrocoat damaged or missing?	No
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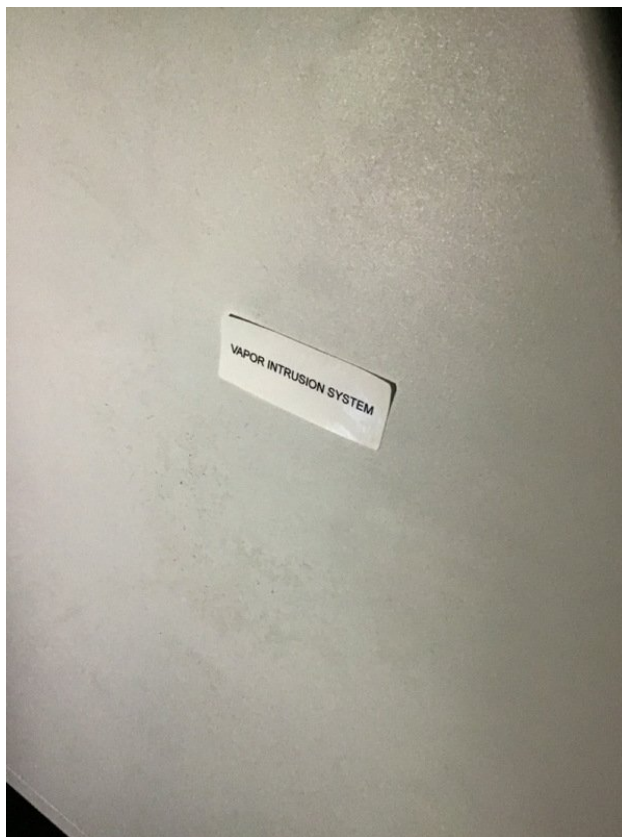
Crawlspace Barrier

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 basement retrocoat?

Yes

Basement Retrocoat Label Photos



Are labels present at the shed retrocoat?

Yes

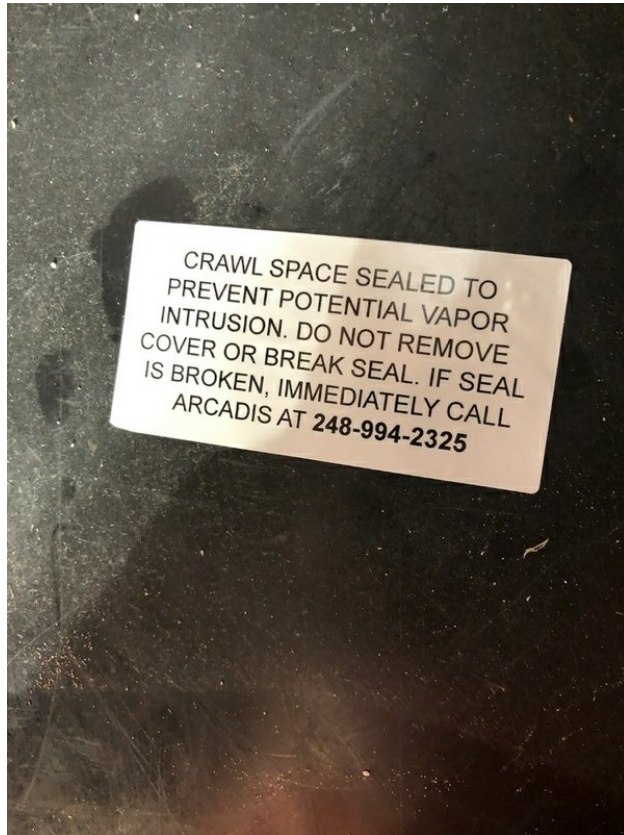
Shed Retrocoat Label Photos



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?	Yes

Mp-4

Monitoring Point with Transmitter?	Mp-4
Transmitter Ambient Reading (iwc, transmitter inlet tubing disconnected)	0
Transmitter Reading (iwc, with fan operating)	-0.002
Micromanometer Ambient Reading (iwc, transmitter inlet tubing disconnected)	0

Micromanometer Fan Reading (iwc, with fan operating)	-0.002
Calibration Calc	0
Transmitter off by >0.0003, recalibrate/fix transmitter	

Measurements and Valve Positions

SSMP-3, 08:52, -0.036

Vacuum ID Link	12131 Boston Post, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-24
Time	08:52
Vacuum Reading (in. w.c.)	-0.036
Number Vacuum Reading	-0.036

SSMP-5, 08:55, -0.019

Vacuum ID Link	12131 Boston Post, SSMP-5
Vacuum ID	SSMP-5
Date	2021-02-24
Time	08:55
Vacuum Reading (in. w.c.)	-0.019
Number Vacuum Reading	-0.019

MP-1, 08:58, -0.006

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2021-02-24
Time	08:58
Vacuum Reading (in. w.c.)	-0.006
Number Vacuum Reading	-0.006

SSMP-6, 09:00, -0.022

Vacuum ID Link	12131 Boston Post, SSMP-6
Vacuum ID	SSMP-6
Date	2021-02-24
Time	09:00
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-2, 09:03, -0.024

Vacuum ID Link	12131 Boston Post, MP-2
Vacuum ID	MP-2
Date	2021-02-24
Time	09:03
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-3, 09:03, -0.029

Vacuum ID Link	12131 Boston Post, MP-3
Vacuum ID	MP-3
Date	2021-02-24
Time	09:03
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

MP-1, 09:12, -0.014

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2021-02-24
Time	09:12
Vacuum Reading (in. w.c.)	-0.014
Number Vacuum Reading	-0.014

U-Tube Manometer, 09:19, -2.6

Vacuum ID Link	12131 Boston Post, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-24
Time	09:19
Vacuum Reading (in. w.c.)	-2.6
Number Vacuum Reading	-2.6

SSMP-1, 09:19, -0.161

Vacuum ID Link	12131 Boston Post, SSMP-1
Vacuum ID	SSMP-1
Date	2021-02-24
Time	09:19
Vacuum Reading (in. w.c.)	-0.161
Number Vacuum Reading	-0.161

SSMP-2, 09:20, -0.020

Vacuum ID Link	12131 Boston Post, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-24
Time	09:20
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

SSMP-4, 09:22, -0.026

Vacuum ID Link	12131 Boston Post, SSMP-4
Vacuum ID	SSMP-4
Date	2021-02-24
Time	09:22
Vacuum Reading (in. w.c.)	-0.026

Number Vacuum Reading	-0.026
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MP-4, 09:24, -0.002

Vacuum ID Link	12131 Boston Post, MP-4
Vacuum ID	MP-4
Date	2021-02-24
Time	09:24
Vacuum Reading (in. w.c.)	-0.002
Number Vacuum Reading	-0.002

MP-4, 09:53, -0.002

Vacuum ID Link	12131 Boston Post, MP-4
Vacuum ID	MP-4
Date	2021-02-24
Time	09:53
Vacuum Reading (in. w.c.)	-0.002
Number Vacuum Reading	-0.002

SSMP-1, 09:53, -0.171

Vacuum ID Link	12131 Boston Post, SSMP-1
Vacuum ID	SSMP-1
Date	2021-02-24
Time	09:53
Vacuum Reading (in. w.c.)	-0.171
Number Vacuum Reading	-0.171

SSMP-2, 09:56, -0.024

Vacuum ID Link	12131 Boston Post, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-24
Time	09:56
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

SSMP-4, 09:57, -0.026

Vacuum ID Link	12131 Boston Post, SSMP-4
Vacuum ID	SSMP-4
Date	2021-02-24
Time	09:57
Vacuum Reading (in. w.c.)	-0.026
Number Vacuum Reading	-0.026

U-Tube Manometer, 09:58, -2.6

Vacuum ID Link	12131 Boston Post, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-24

Time	09:58
Vacuum Reading (in. w.c.)	-2.6
Number Vacuum Reading	-2.6

SSMP-3, 10:00, -0.035

Vacuum ID Link	12131 Boston Post, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-24
Time	10:00
Vacuum Reading (in. w.c.)	-0.035
Number Vacuum Reading	-0.035

SSMP-6, 10:01, -0.023

Vacuum ID Link	12131 Boston Post, SSMP-6
Vacuum ID	SSMP-6
Date	2021-02-24
Time	10:01
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

SSMP-5, 10:02, -0.022

Vacuum ID Link	12131 Boston Post, SSMP-5
Vacuum ID	SSMP-5
Date	2021-02-24
Time	10:02
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-1, 10:03, -0.015

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2021-02-24
Time	10:03
Vacuum Reading (in. w.c.)	-0.015
Number Vacuum Reading	-0.015

MP-2, 10:04, -0.024

Vacuum ID Link	12131 Boston Post, MP-2
Vacuum ID	MP-2
Date	2021-02-24
Time	10:04
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-3, 10:04, -0.033

Vacuum ID Link	12131 Boston Post, MP-3
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Vacuum ID	MP-3
Date	2021-02-24
Time	10:04
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

BV-3, 08:47, 15

Valve ID Link	12131 Boston Post, BV-3
Valve ID	BV-3
Date	2021-02-24
Time	08:47
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	15

BV-1, 08:48, 50

Valve ID Link	12131 Boston Post, BV-1
Valve ID	BV-1
Date	2021-02-24
Time	08:48
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

BV-2, 08:49, 25

Valve ID Link	12131 Boston Post, BV-2
Valve ID	BV-2
Date	2021-02-24
Time	08:49
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25

BV-4, 09:26, 75

Valve ID Link	12131 Boston Post, BV-4
Valve ID	BV-4
Date	2021-02-24
Time	09:26
Valve Position at Arrival (% Open)	75
Valve Position at Departure (% Open)	75

BV-5, 09:26, 100

Valve ID Link	12131 Boston Post, BV-5
Valve ID	BV-5
Date	2021-02-24
Time	09:26
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

Were interim vacuum readings taken between initial and final vacuum readings?	No
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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
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Do all vacuum monitoring points meet -0.02 in w.c. threshold?	No
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Which ones don't and why?	Mp-1, mp-4
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Proposed modifications to address vacuum?	Transmitter installed
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Were any ball valve positions changed?	Yes
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Did you take final readings?	Yes
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Alarm Testing

Sensaphone Link	N/A
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Does the vacuum switch alarm work? Test the alarm condition and verify an alarm registers.	Yes
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Does the fan disconnect alarm work? Test the alarm condition and verify an alarm registers.	Yes
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Does the transmitter alarm work? Test the alarm condition and verify an alarm registers.	Yes
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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)?	Yes
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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
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Were system repairs completed during this visit?	Yes
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Additional sealing completed:	seam repairs by mp-1.
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Sealing Completion Date	2021-02-24
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Sealing Repair Photos



System repairs completed:

Fan cleaned and sikaflexed by seams.

System Repair Completion Date

2021-02-24

Are there outstanding repairs to be completed?	No
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Owner/Tenant Observations

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

12131 Boston Post, 2022-01-24, Full System Inspection

Created	2022-01-24 17:19:55 UTC by Seth Turner
Updated	2022-01-25 13:44:24 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2022-01-24
Time	13:00
System Details Link	12131 Boston Post
Property Address	12131 Boston Post
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	21F, snowy
Ambient Temperature	21F
Barometric Pressure	29.94
Indoor Temperature	70

Design Components

Does the house have a basement?	Yes
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?	Yes
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

Basement

Is water present in the basement? No

Sumps

Is the sump full/evidence pump is broken? No

Was the owner notified? No

Shed Retrocoat

Is retrocoat damaged or missing? No

Basement Retrocoat

Is retrocoat damaged or missing? No

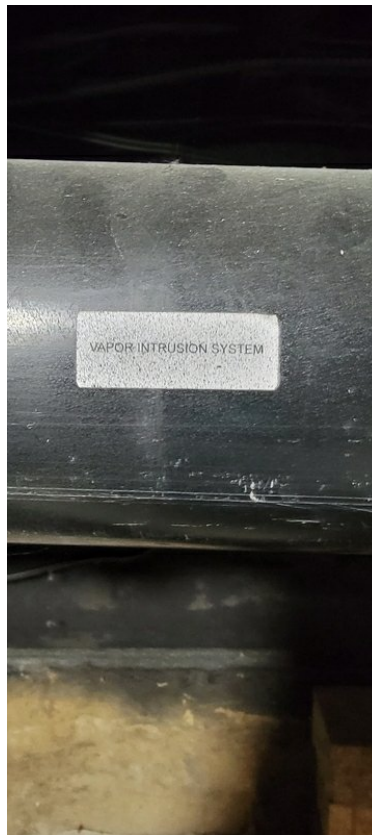
Crawlspace Barrier

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 sump? Yes

Sump Label Photos



Are labels present at the basement retrocoat?

Yes

Basement 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?	Yes

MP-4

Monitoring Point with Transmitter?	MP-4
Transmitter Ambient Reading (iwc, transmitter inlet tubing disconnected)	0
Transmitter Reading (iwc, with fan operating)	-0.008
Micromanometer Ambient Reading (iwc, transmitter inlet tubing disconnected)	0
Micromanometer Fan Reading (iwc, with fan operating)	-0.006
Calibration Calc	0.002
Transmitter off by >0.0003, recalibrate/fix transmitter	

Measurements and Valve Positions

SSMP-2, 13:13, -0.029

Vacuum ID Link	12131 Boston Post, SSMP-2
Vacuum ID	SSMP-2
Date	2022-01-24
Time	13:13
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

SSMP-4, 13:17, -0.032

Vacuum ID Link	12131 Boston Post, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-24
Time	13:17
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

SSMP-1, 13:48, -0.223

Vacuum ID Link	12131 Boston Post, SSMP-1
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Vacuum ID	SSMP-1
Date	2022-01-24
Time	13:48
Vacuum Reading (in. w.c.)	-0.223
Number Vacuum Reading	-0.223

MP-4, 13:53, -0.006

Vacuum ID Link	12131 Boston Post, MP-4
Vacuum ID	MP-4
Date	2022-01-24
Time	13:53
Vacuum Reading (in. w.c.)	-0.006
Number Vacuum Reading	-0.006

U-Tube Manometer, 13:53, 0.0

Vacuum ID Link	12131 Boston Post, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-24
Time	13:53
Vacuum Reading (in. w.c.)	0.0
Number Vacuum Reading	0.0

MP-1, 13:58, -0.014

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2022-01-24
Time	13:58
Vacuum Reading (in. w.c.)	-0.014
Number Vacuum Reading	-0.014

SSMP-3, 14:00, -0.037

Vacuum ID Link	12131 Boston Post, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-24
Time	14:00
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

MP-3, 14:01, -0.034

Vacuum ID Link	12131 Boston Post, MP-3
Vacuum ID	MP-3
Date	2022-01-24
Time	14:01
Vacuum Reading (in. w.c.)	-0.034
Number Vacuum Reading	-0.034

MP-2, 14:01, -0.028

Vacuum ID Link	12131 Boston Post, MP-2
Vacuum ID	MP-2
Date	2022-01-24
Time	14:01
Vacuum Reading (in. w.c.)	-0.028
Number Vacuum Reading	-0.028

SSMP-5, 14:02, -0.032

Vacuum ID Link	12131 Boston Post, SSMP-5
Vacuum ID	SSMP-5
Date	2022-01-24
Time	14:02
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

SSMP-6, 14:06, -0.025

Vacuum ID Link	12131 Boston Post, SSMP-6
Vacuum ID	SSMP-6
Date	2022-01-24
Time	14:06
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

SSMP-2, 15:12, -0.029

Vacuum ID Link	12131 Boston Post, SSMP-2
Vacuum ID	SSMP-2
Date	2022-01-24
Time	15:12
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

SSMP-4, 15:12, -0.033

Vacuum ID Link	12131 Boston Post, SSMP-4
Vacuum ID	SSMP-4
Date	2022-01-24
Time	15:12
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

SSMP-1, 15:12, -0.219

Vacuum ID Link	12131 Boston Post, SSMP-1
Vacuum ID	SSMP-1
Date	2022-01-24
Time	15:12
Vacuum Reading (in. w.c.)	-0.219

Number Vacuum Reading	-0.219
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MP-4, 15:12, -0.006

Vacuum ID Link	12131 Boston Post, MP-4
Vacuum ID	MP-4
Date	2022-01-24
Time	15:12
Vacuum Reading (in. w.c.)	-0.006
Number Vacuum Reading	-0.006

MP-1, 15:12, -0.015

Vacuum ID Link	12131 Boston Post, MP-1
Vacuum ID	MP-1
Date	2022-01-24
Time	15:12
Vacuum Reading (in. w.c.)	-0.015
Number Vacuum Reading	-0.015

SSMP-3, 15:13, -0.037

Vacuum ID Link	12131 Boston Post, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-24
Time	15:13
Vacuum Reading (in. w.c.)	-0.037
Number Vacuum Reading	-0.037

MP-3, 15:13, -0.035

Vacuum ID Link	12131 Boston Post, MP-3
Vacuum ID	MP-3
Date	2022-01-24
Time	15:13
Vacuum Reading (in. w.c.)	-0.035
Number Vacuum Reading	-0.035

MP-2, 15:13, -0.029

Vacuum ID Link	12131 Boston Post, MP-2
Vacuum ID	MP-2
Date	2022-01-24
Time	15:13
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

SSMP-5, 15:14, -0.032

Vacuum ID Link	12131 Boston Post, SSMP-5
Vacuum ID	SSMP-5
Date	2022-01-24

Time	15:14
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

SSMP-6, 15:14, -0.025

Vacuum ID Link	12131 Boston Post, SSMP-6
Vacuum ID	SSMP-6
Date	2022-01-24
Time	15:14
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

U-Tube Manometer, 15:14, -2.7

Vacuum ID Link	12131 Boston Post, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	15:14
Vacuum Reading (in. w.c.)	-2.7
Number Vacuum Reading	-2.7

BV-1, 15:07, 50

Valve ID Link	12131 Boston Post, BV-1
Valve ID	BV-1
Date	2022-01-24
Time	15:07
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

BV-2, 15:07, 25

Valve ID Link	12131 Boston Post, BV-2
Valve ID	BV-2
Date	2022-01-24
Time	15:07
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25

BV-3, 15:07, 15

Valve ID Link	12131 Boston Post, BV-3
Valve ID	BV-3
Date	2022-01-24
Time	15:07
Valve Position at Arrival (% Open)	15
Valve Position at Departure (% Open)	15

BV-4, 15:08, 75

Valve ID Link	12131 Boston Post, BV-4
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Valve ID	BV-4
Date	2022-01-24
Time	15:08
Valve Position at Arrival (% Open)	75
Valve Position at Departure (% Open)	75

BV-5, 15:08, 100

Valve ID Link	12131 Boston Post, BV-5
Valve ID	BV-5
Date	2022-01-24
Time	15:08
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?	No
Which ones don't and why?	MP-4 and MP-1. MP-4 was the lowest reading and has a transmitter.
Proposed modifications to address vacuum?	Transmitter is installed on MP-4
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.	Yes
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)?	Yes

Repairs

Sample Delay

Send Sample Delay Email	N/A
email body	

Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	Yes
System repairs completed:	Fan cleaned out and ice in line affecting vacuum sensor removed.
System Repair Completion Date	2022-01-24
System Repair Photos	

Are there outstanding repairs to be completed?	No
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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	