

# Transmittal Letter



**TO**  
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34424 Beacon  
Livonia, MI 48150

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**ELECTRONIC COPIES TO**  
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Chuck Pinter (Ford)

**DATE**  
October 4, 2022

**PROJECT NUMBER**  
30146655

**SUBJECT**  
Operation, Monitoring, and  
Maintenance Field Notes - 34424 Beacon

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## We are sending you:

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

## Action\*

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## Comments:

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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.

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## 34424 Beacon, 2020-11-11, Full System Inspection

Created	2020-11-11 18:54:44 UTC by Seth Turner
Updated	2020-11-11 19:36:05 UTC by Seth Turner

### General Information

System Inspector	Seth Turner
Date	2020-11-11
Time	13:54
System Details Link	34424 Beacon
Property Address	34424 Beacon
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	50.00
Barometric Pressure	29.97
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?	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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### Basement

Is water present in the basement?	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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Where is retrocoat damaged?	N/a
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Retrocoat damage

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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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Are labels present at the sump?	Yes
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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



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### 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

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### Inspection Measurements

#### Pre-Measurement Conditions

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

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### Measurements and Valve Positions

#### BWMP-1, 14:03, -0.022

Vacuum ID Link	34424 Beacon, BWMP-1
Vacuum ID	BWMP-1
Date	2020-11-11
Time	14:03
Vacuum Reading (in. w.c.)	-0.022

Number Vacuum Reading	-0.022
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**MP-1, 14:04, -0.020**

Vacuum ID Link	34424 Beacon, MP-1
Vacuum ID	MP-1
Date	2020-11-11
Time	14:04
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

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**U-Tube Manometer, 14:19, -2.1**

Vacuum ID Link	34424 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-11-11
Time	14:19
Vacuum Reading (in. w.c.)	-2.1
Number Vacuum Reading	-2.1

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**SSMP-1, 14:26, -0.069**

Vacuum ID Link	34424 Beacon, SSMP-1
Vacuum ID	SSMP-1
Date	2020-11-11
Time	14:26
Vacuum Reading (in. w.c.)	-0.069
Number Vacuum Reading	-0.069

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**SSMP-2, 14:26, -0.025**

Vacuum ID Link	34424 Beacon, SSMP-2
Vacuum ID	SSMP-2
Date	2020-11-11
Time	14:26
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

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**BV-4, 14:00, 10**

Valve ID Link	34424 Beacon, BV-4
Valve ID	BV-4
Date	2020-11-11
Time	14:00
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

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**BV-3, 14:01, 15**

Valve ID Link	34424 Beacon, BV-3
Valve ID	BV-3
Date	2020-11-11

Time	14:01
Valve Position at Arrival (% Open)	15
Valve Position at Departure (% Open)	15

### **BV-7, 14:14, 50**

Valve ID Link	34424 Beacon, BV-7
Valve ID	BV-7
Date	2020-11-11
Time	14:14
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

### **BV-5, 14:14, 100**

Valve ID Link	34424 Beacon, BV-5
Valve ID	BV-5
Date	2020-11-11
Time	14:14
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

### **BV-6, 14:15, 50**

Valve ID Link	34424 Beacon, BV-6
Valve ID	BV-6
Date	2020-11-11
Time	14:15
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

### **BV-1, 14:27, 25**

Valve ID Link	34424 Beacon, BV-1
Valve ID	BV-1
Date	2020-11-11
Time	14:27
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25

### **BV-2, 14:28, 100**

Valve ID Link	34424 Beacon, BV-2
Valve ID	BV-2
Date	2020-11-11
Time	14:28
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
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Do all vacuum monitoring points meet -0.02 in w.c. threshold?	Yes
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Were any ball valve positions changed?	No
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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.	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?	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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### 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



## 34424 Beacon, 2021-02-22, Full System Inspection

Created	2021-02-22 17:14:22 UTC by Seth Turner
Updated	2021-02-22 19:07:43 UTC by Andrew Banitt

### General Information

System Inspector	Seth Turner
Date	2021-02-22
Time	12:14
System Details Link	34424 Beacon
Property Address	34424 Beacon
Check Inspection(s) to be Completed	Full System Inspection
Get weather data from National Weather Service Website for your current location?	N/A
Weather	34F cloudy
Ambient Temperature	34F
Barometric Pressure	29.79
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?	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

### 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

### Crawlspace Barrier

Is water present on the vapor barrier? Yes

Barrier Comments 1.5 cups of water near Mp-1

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



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Are labels present at the shed retrocoat?

Yes

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Shed Retrocoat Label Photos



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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**

**BWMP-1, 12:10, -0.022**

Vacuum ID Link	34424 Beacon, BWMP-1
Vacuum ID	BWMP-1
Date	2021-02-22
Time	12:10
Vacuum Reading (in. w.c.)	-0.022

Number Vacuum Reading	-0.022
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**MP-1, 12:10, -0.018**

Vacuum ID Link	34424 Beacon, MP-1
Vacuum ID	MP-1
Date	2021-02-22
Time	12:10
Vacuum Reading (in. w.c.)	-0.018
Number Vacuum Reading	-0.018

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**BWMP-1, 12:17, -0.021**

Vacuum ID Link	34424 Beacon, BWMP-1
Vacuum ID	BWMP-1
Date	2021-02-22
Time	12:17
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

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**MP-1, 12:17, -0.024**

Vacuum ID Link	34424 Beacon, MP-1
Vacuum ID	MP-1
Date	2021-02-22
Time	12:17
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

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**SSMP-3, 12:31, -0.040**

Vacuum ID Link	34424 Beacon, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-22
Time	12:31
Vacuum Reading (in. w.c.)	-0.040
Number Vacuum Reading	-0.04

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**SSMP-2, 12:40, -0.273**

Vacuum ID Link	34424 Beacon, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-22
Time	12:40
Vacuum Reading (in. w.c.)	-0.273
Number Vacuum Reading	-0.273

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**SSMP-1, 12:41, -0.063**

Vacuum ID Link	34424 Beacon, SSMP-1
Vacuum ID	SSMP-1
Date	2021-02-22

Time	12:41
Vacuum Reading (in. w.c.)	-0.063
Number Vacuum Reading	-0.063

### **U-Tube Manometer, 12:43, -2.4**

Vacuum ID Link	34424 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-22
Time	12:43
Vacuum Reading (in. w.c.)	-2.4
Number Vacuum Reading	-2.4

### **BWMP-1, 12:59, -0.021**

Vacuum ID Link	34424 Beacon, BWMP-1
Vacuum ID	BWMP-1
Date	2021-02-22
Time	12:59
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

### **MP-1, 12:59, -0.027**

Vacuum ID Link	34424 Beacon, MP-1
Vacuum ID	MP-1
Date	2021-02-22
Time	12:59
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

### **SSMP-3, 13:04, -0.041**

Vacuum ID Link	34424 Beacon, SSMP-3
Vacuum ID	SSMP-3
Date	2021-02-22
Time	13:04
Vacuum Reading (in. w.c.)	-0.041
Number Vacuum Reading	-0.041

### **SSMP-2, 13:06, -0.273**

Vacuum ID Link	34424 Beacon, SSMP-2
Vacuum ID	SSMP-2
Date	2021-02-22
Time	13:06
Vacuum Reading (in. w.c.)	-0.273
Number Vacuum Reading	-0.273

### **SSMP-1, 13:07, -0.070**

Vacuum ID Link	34424 Beacon, SSMP-1
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Vacuum ID	SSMP-1
Date	2021-02-22
Time	13:07
Vacuum Reading (in. w.c.)	-0.070
Number Vacuum Reading	-0.07

### U-Tube Manometer, 13:08, -2.4

Vacuum ID Link	34424 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-22
Time	13:08
Vacuum Reading (in. w.c.)	-2.4
Number Vacuum Reading	-2.4

### BV-3, 12:17, 25

Valve ID Link	34424 Beacon, BV-3
Valve ID	BV-3
Date	2021-02-22
Time	12:17
Valve Position at Arrival (% Open)	20
Valve Position at Departure (% Open)	25

### BV-4, 12:17, 90

Valve ID Link	34424 Beacon, BV-4
Valve ID	BV-4
Date	2021-02-22
Time	12:17
Valve Position at Arrival (% Open)	90
Valve Position at Departure (% Open)	90

### BV-5, 12:36, 100

Valve ID Link	34424 Beacon, BV-5
Valve ID	BV-5
Date	2021-02-22
Time	12:36
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

### BV-7, 12:36, 50

Valve ID Link	34424 Beacon, BV-7
Valve ID	BV-7
Date	2021-02-22
Time	12:36
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

### **BV-6, 12:37, 50**

Valve ID Link	34424 Beacon, BV-6
Valve ID	BV-6
Date	2021-02-22
Time	12:37
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

### **BV-2, 12:42, 100**

Valve ID Link	34424 Beacon, BV-2
Valve ID	BV-2
Date	2021-02-22
Time	12:42
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

### **BV-1, 12:42, 25**

Valve ID Link	34424 Beacon, BV-1
Valve ID	BV-1
Date	2021-02-22
Time	12:42
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25
Were interim vacuum readings taken between initial and final vacuum readings?	No

## **Inspection Reading Analysis**

### **Manometer**

Is the system manometer steady?	Yes
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### **SSMP/MPs**

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

### **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

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## Repairs

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### Sample Delay

Send Sample Delay Email N/A

email body

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### 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

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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

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### Engineer Notification

Send Inspection Completion Email N/A

email body

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### Engineer Notification

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

email body

## 34424 Beacon, 2022-01-20, Full System Inspection

Created	2022-01-20 17:01:36 UTC by Seth Turner
Updated	2022-01-20 17:58:14 UTC by Seth Turner

### General Information

System Inspector	Seth Turner
Date	2022-01-20
Time	12:01
System Details Link	34424 Beacon
Property Address	34424 Beacon
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, snowy
Ambient Temperature	17F
Barometric Pressure	29.92
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?	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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### Basement

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Is water present in the basement? No

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### Sumps

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Is the sump full/evidence pump is broken? No

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Was the owner notified? No

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### Shed Retrocoat

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Is retrocoat damaged or missing? No

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### Crawlspace Barrier

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Is water present on the vapor barrier? No

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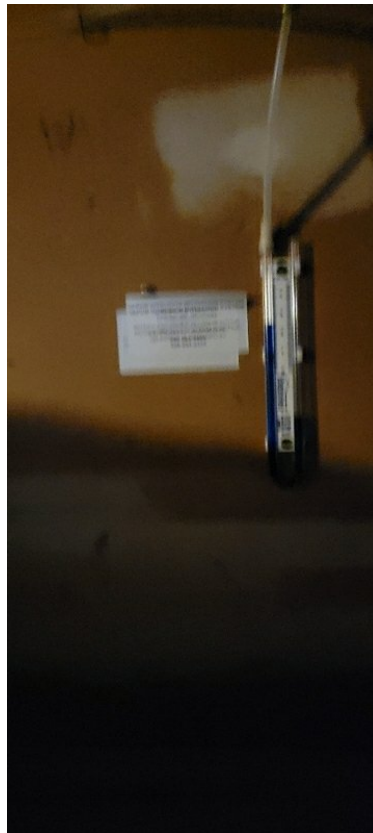
### Labels

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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

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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



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**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

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**Inspection Measurements**

**Pre-Measurement Conditions**

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

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**Measurements and Valve Positions**

**MP-1, 12:02, -0.022**

Vacuum ID Link	34424 Beacon, MP-1
Vacuum ID	MP-1
Date	2022-01-20
Time	12:02
Vacuum Reading (in. w.c.)	-0.022

Number Vacuum Reading	-0.022
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### **BWMP-1, 12:05, -0.027**

Vacuum ID Link	34424 Beacon, BWMP-1
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Vacuum ID	BWMP-1
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Date	2022-01-20
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Time	12:05
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Vacuum Reading (in. w.c.)	-0.027
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Number Vacuum Reading	-0.027
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### **SSMP-3, 12:10, -0.044**

Vacuum ID Link	34424 Beacon, SSMP-3
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Vacuum ID	SSMP-3
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Date	2022-01-20
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Time	12:10
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Vacuum Reading (in. w.c.)	-0.044
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Number Vacuum Reading	-0.044
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### **SSMP-2, 12:17, -0.307**

Vacuum ID Link	34424 Beacon, SSMP-2
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Vacuum ID	SSMP-2
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Date	2022-01-20
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Time	12:17
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Vacuum Reading (in. w.c.)	-0.307
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Number Vacuum Reading	-0.307
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### **SSMP-1, 12:18, -0.077**

Vacuum ID Link	34424 Beacon, SSMP-1
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Vacuum ID	SSMP-1
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Date	2022-01-20
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Time	12:18
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Vacuum Reading (in. w.c.)	-0.077
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Number Vacuum Reading	-0.077
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### **U-Tube Manometer, 12:20, -2.4**

Vacuum ID Link	34424 Beacon, U-Tube Manometer
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Vacuum ID	U-Tube Manometer
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Date	2022-01-20
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Time	12:20
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Vacuum Reading (in. w.c.)	-2.4
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Number Vacuum Reading	-2.4
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### **MP-1, 12:42, -0.024**

Vacuum ID Link	34424 Beacon, MP-1
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Vacuum ID	MP-1
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Date	2022-01-20
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Time	12:42
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

### **BWMP-1, 12:42, -0.029**

Vacuum ID Link	34424 Beacon, BWMP-1
Vacuum ID	BWMP-1
Date	2022-01-20
Time	12:42
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

### **SSMP-3, 12:42, -0.045**

Vacuum ID Link	34424 Beacon, SSMP-3
Vacuum ID	SSMP-3
Date	2022-01-20
Time	12:42
Vacuum Reading (in. w.c.)	-0.045
Number Vacuum Reading	-0.045

### **SSMP-2, 12:17, -0.307**

Vacuum ID Link	34424 Beacon, SSMP-2
Vacuum ID	SSMP-2
Date	2022-01-20
Time	12:17
Vacuum Reading (in. w.c.)	-0.307
Number Vacuum Reading	-0.307

### **SSMP-1, 12:42, -0.078**

Vacuum ID Link	34424 Beacon, SSMP-1
Vacuum ID	SSMP-1
Date	2022-01-20
Time	12:42
Vacuum Reading (in. w.c.)	-0.078
Number Vacuum Reading	-0.078

### **U-Tube Manometer, 12:42, -2.4**

Vacuum ID Link	34424 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-20
Time	12:42
Vacuum Reading (in. w.c.)	-2.4
Number Vacuum Reading	-2.4

### **BV-1, 12:44, 25**

Valve ID Link	34424 Beacon, BV-1
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Valve ID	BV-1
Date	2022-01-20
Time	12:44
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25

### **BV-2, 12:45, 100**

Valve ID Link	34424 Beacon, BV-2
Valve ID	BV-2
Date	2022-01-20
Time	12:45
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

### **BV-3, 12:45, 25**

Valve ID Link	34424 Beacon, BV-3
Valve ID	BV-3
Date	2022-01-20
Time	12:45
Valve Position at Arrival (% Open)	25
Valve Position at Departure (% Open)	25

### **BV-4, 12:45, 90**

Valve ID Link	34424 Beacon, BV-4
Valve ID	BV-4
Date	2022-01-20
Time	12:45
Valve Position at Arrival (% Open)	90
Valve Position at Departure (% Open)	90

### **BV-5, 12:45, 100**

Valve ID Link	34424 Beacon, BV-5
Valve ID	BV-5
Date	2022-01-20
Time	12:45
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

### **BV-6, 12:46, 50**

Valve ID Link	34424 Beacon, BV-6
Valve ID	BV-6
Date	2022-01-20
Time	12:46
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50



## BV-7, 12:46, 50

Valve ID Link	34424 Beacon, BV-7
Valve ID	BV-7
Date	2022-01-20
Time	12:46
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50
Were interim vacuum readings taken between initial and final vacuum readings?	No

## Inspection Reading Analysis

### Manometer

Is the system manometer steady?	Yes
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### SSMP/MPs

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

### Alarm Testing

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

### Repairs

#### Sample Delay

Send Sample Delay Email email body	N/A
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#### Repair Completion

Were seam repairs completed during this visit?	No
Were system repairs completed during this visit?	Yes
System repairs completed:	Fan cleaned
System Repair Completion Date	2022-01-20

System Repair Photos



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Are there outstanding repairs to be completed? No

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**Owner/Tenant Observations**

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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**

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Send Inspection Completion Email N/A  
email body

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**Engineer Notification**

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

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