

Transmittal Letter



TO
Anthony Wallen
34920 Beacon
Livonia, MI 48150

FROM
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ELECTRONIC COPIES TO
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Todd Walton (Ford)
Chuck Pinter (Ford)

DATE
October 4, 2022

PROJECT NUMBER
30146655

SUBJECT
Operation, Monitoring, and
Maintenance Field Notes - 34920 Beacon

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

34920 Beacon, 2020-11-11, Full System Inspection

Created	2020-11-11 21:21:44 UTC by Seth Turner
Updated	2020-11-16 14:29:10 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-11-11
Time	16:21
System Details Link	34920 Beacon
Property Address	34920 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	46.04
Barometric Pressure	30.02
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?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	Yes
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

Crawlspace Barrier

Is water present on the vapor barrier? No

Inaccessible Crawlspace

Are all entry points, vents, cracks, or other opening to crawlspaces being depressurized sealed? Yes

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

Are labels present at the crawlspace barrier? Yes

Barrier Label Photos



Are labels present at the inaccessible crawlspace? Yes

Inaccessible Crawlspace 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-4, 16:29, -0.033

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2020-11-11
Time	16:29
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

MP-2, 16:30, -0.030

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2020-11-11
Time	16:30
Vacuum Reading (in. w.c.)	-0.030
Number Vacuum Reading	-0.03

MP-3, 16:30, -0.014

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2020-11-11
Time	16:30
Vacuum Reading (in. w.c.)	-0.014
Number Vacuum Reading	-0.014

U-Tube Manometer, 16:31, -0.8

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-11-11
Time	16:31

Vacuum Reading (in. w.c.)	-0.8
Number Vacuum Reading	-0.8

MP-1, 16:49, -0.020

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2020-11-11
Time	16:49
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

BV-2, 16:36, 10

Valve ID Link	34920 Beacon, BV-2
Valve ID	BV-2
Date	2020-11-11
Time	16:36
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-3, 16:37, 75

Valve ID Link	34920 Beacon, BV-3
Valve ID	BV-3
Date	2020-11-11
Time	16:37
Valve Position at Arrival (% Open)	75
Valve Position at Departure (% Open)	75

BV-4, 16:38, 60

Valve ID Link	34920 Beacon, BV-4
Valve ID	BV-4
Date	2020-11-11
Time	16:38
Valve Position at Arrival (% Open)	60
Valve Position at Departure (% Open)	60

BV-5, 16:39, 10

Valve ID Link	34920 Beacon, BV-5
Valve ID	BV-5
Date	2020-11-11
Time	16:39
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-6, 16:39, 100

Valve ID Link	34920 Beacon, BV-6
Valve ID	BV-6

Date	2020-11-11
Time	16:39
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-1, 16:50, 40

Valve ID Link	34920 Beacon, BV-1
Valve ID	BV-1
Date	2020-11-11
Time	16:50
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40
Were interim vacuum readings taken between initial and final vacuum readings?	No

Inspection Reading Analysis

Manometer

Is the system manometer steady?	Yes
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SSMP/MPs

Were any vacuum monitoring points not accessible? Please specify.	No
Do all vacuum monitoring points meet -0.02 in w.c. threshold?	No
Which ones don't and why?	MP-3
Proposed modifications to address vacuum?	Possible repairs
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?	No
Are there outstanding repairs to be completed?	Yes
Repair Status	Plan to return to increase vacuum influence.

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	

34920 Beacon, 2020-11-17, System Check

Created	2020-11-17 18:11:42 UTC by Seth Turner
Updated	2020-11-17 19:49:09 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2020-11-17
Time	13:11
System Details Link	34920 Beacon
Property Address	34920 Beacon
Check Inspection(s) to be Completed	System Check
Get weather data from National Weather Service Website for your current location?	N/A
Weather	Cloudy
Ambient Temperature	33.08
Barometric Pressure	30.26
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-3, 13:22, -0.013

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2020-11-17
Time	13:22
Vacuum Reading (in. w.c.)	-0.013
Number Vacuum Reading	-0.013

MP-3, 14:04, -0.021

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2020-11-17
Time	14:04
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-1, 14:04, -0.027

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2020-11-17
Time	14:04

Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

MP-2, 14:04, -0.034

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2020-11-17
Time	14:04
Vacuum Reading (in. w.c.)	-0.034
Number Vacuum Reading	-0.034

MP-4, 14:04, -0.035

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2020-11-17
Time	14:04
Vacuum Reading (in. w.c.)	-0.035
Number Vacuum Reading	-0.035

U-Tube Manometer, 14:05, -1.0

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-11-17
Time	14:05
Vacuum Reading (in. w.c.)	-1.0
Number Vacuum Reading	-1.0

MP-3, 14:43, -0.025

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2020-11-17
Time	14:43
Vacuum Reading (in. w.c.)	-0.025
Number Vacuum Reading	-0.025

MP-2, 14:44, -0.023

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2020-11-17
Time	14:44
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

MP-4, 14:44, -0.033

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4

Date	2020-11-17
Time	14:44
Vacuum Reading (in. w.c.)	-0.033
Number Vacuum Reading	-0.033

MP-1, 14:46, -0.028

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2020-11-17
Time	14:46
Vacuum Reading (in. w.c.)	-0.028
Number Vacuum Reading	-0.028

U-Tube Manometer, 14:47, -1.1

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2020-11-17
Time	14:47
Vacuum Reading (in. w.c.)	-1.1
Number Vacuum Reading	-1.1

BV-3, 14:03, 15

Valve ID Link	34920 Beacon, BV-3
Valve ID	BV-3
Date	2020-11-17
Time	14:03
Valve Position at Departure (% Open)	15

BV-2, 14:05, 10

Valve ID Link	34920 Beacon, BV-2
Valve ID	BV-2
Date	2020-11-17
Time	14:05
Valve Position at Departure (% Open)	10

BV-1, 14:05, 40

Valve ID Link	34920 Beacon, BV-1
Valve ID	BV-1
Date	2020-11-17
Time	14:05
Valve Position at Departure (% Open)	40

BV-6, 14:08, 100

Valve ID Link	34920 Beacon, BV-6
Valve ID	BV-6
Date	2020-11-17

Time	14:08
Valve Position at Departure (% Open)	100

BV-5, 14:08, 10

Valve ID Link	34920 Beacon, BV-5
Valve ID	BV-5
Date	2020-11-17
Time	14:08
Valve Position at Departure (% Open)	10

BV-4, 14:08, 50

Valve ID Link	34920 Beacon, BV-4
Valve ID	BV-4
Date	2020-11-17
Time	14:08
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
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Repairs

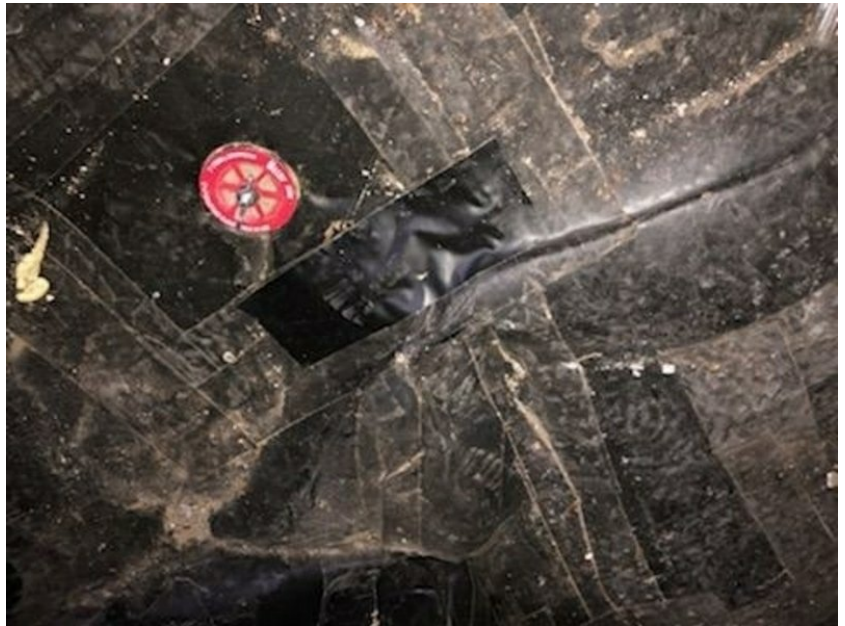
Sample Delay

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:	Taped and sealed seams
Sealing Completion Date	2020-11-17
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

34920 Beacon, 2021-02-15, Full System Inspection

Created	2021-02-15 20:31:05 UTC by Seth Turner
Updated	2021-02-15 22:19:21 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2021-02-15
Time	16:30
System Details Link	34920 Beacon
Property Address	34920 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	15F, cloudy
Ambient Temperature	15F
Barometric Pressure	30.03
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?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	No
Does the house have a water sensor?	No

System Inspection

Fan

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

Piping

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

Valves

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

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

Garage Retrocoat

Is retrocoat damaged or missing? No

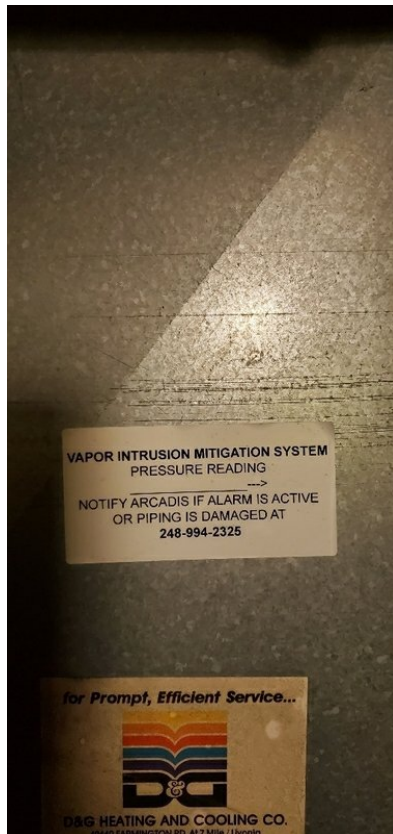
Crawlspace Barrier

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 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-4, 16:32, -0.029

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2021-02-15
Time	16:32
Vacuum Reading (in. w.c.)	-0.029
Number Vacuum Reading	-0.029

MP-2, 16:33, -0.020

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2021-02-15
Time	16:33
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

MP-3, 16:36, -0.020

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2021-02-15
Time	16:36
Vacuum Reading (in. w.c.)	-0.020
Number Vacuum Reading	-0.02

MP-1, 16:42, -0.025

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2021-02-15
Time	16:42

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

U-Tube Manometer, 16:42, -1.0

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-15
Time	16:42
Vacuum Reading (in. w.c.)	-1.0
Number Vacuum Reading	-1.0

MP-2, 17:06, -0.024

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2021-02-15
Time	17:06
Vacuum Reading (in. w.c.)	-0.024
Number Vacuum Reading	-0.024

MP-3, 17:07, -0.021

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2021-02-15
Time	17:07
Vacuum Reading (in. w.c.)	-0.021
Number Vacuum Reading	-0.021

MP-4, 17:07, -0.032

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2021-02-15
Time	17:07
Vacuum Reading (in. w.c.)	-0.032
Number Vacuum Reading	-0.032

U-Tube Manometer, 17:07, -1.1

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2021-02-15
Time	17:07
Vacuum Reading (in. w.c.)	-1.1
Number Vacuum Reading	-1.1

MP-1, 17:08, -0.026

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1

Date	2021-02-15
Time	17:08
Vacuum Reading (in. w.c.)	-0.026
Number Vacuum Reading	-0.026

BV-3, 16:38, 15

Valve ID Link	34920 Beacon, BV-3
Valve ID	BV-3
Date	2021-02-15
Time	16:38
Valve Position at Arrival (% Open)	15
Valve Position at Departure (% Open)	15

BV-2, 16:38, 10

Valve ID Link	34920 Beacon, BV-2
Valve ID	BV-2
Date	2021-02-15
Time	16:38
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-1, 16:38, 40

Valve ID Link	34920 Beacon, BV-1
Valve ID	BV-1
Date	2021-02-15
Time	16:38
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-6, 16:38, 100

Valve ID Link	34920 Beacon, BV-6
Valve ID	BV-6
Date	2021-02-15
Time	16:38
Valve Position at Arrival (% Open)	100
Valve Position at Departure (% Open)	100

BV-5, 16:38, 10

Valve ID Link	34920 Beacon, BV-5
Valve ID	BV-5
Date	2021-02-15
Time	16:38
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-4, 16:38, 50

Valve ID Link	34920 Beacon, BV-4
Valve ID	BV-4
Date	2021-02-15
Time	16:38
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.	NA
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:	Taping of seams
Sealing Completion Date	2021-02-15

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

Additional Notes and Photos

Photos



34920 Beacon, 2022-01-25, Full System Inspection

Created	2022-01-25 20:59:36 UTC by Seth Turner
Updated	2022-01-25 22:21:11 UTC by Seth Turner

General Information

System Inspector	Seth Turner
Date	2022-01-25
Time	16:30
System Details Link	34920 Beacon
Property Address	34920 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	23F, cloudy
Ambient Temperature	23
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?	No
Does the house have basement retrocoat?	No
Does the house have a crawlspace barrier?	Yes
Does the house have an inaccessible crawlspace?	No
Does the house have a water sensor?	No

System Inspection

Fan

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

Piping

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

Valves

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

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

Garage 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 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, 16:31, -1.0

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	16:31
Vacuum Reading (in. w.c.)	-1.0
Number Vacuum Reading	-1.0

MP-3, 16:33, -0.022

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2022-01-25
Time	16:33
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-2, 16:33, -0.023

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2022-01-25
Time	16:33
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

MP-4, 16:34, -0.030

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2022-01-25
Time	16:34

Vacuum Reading (in. w.c.)	-0.030
Number Vacuum Reading	-0.03

MP-1, 16:36, -0.027

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2022-01-25
Time	16:36
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

U-Tube Manometer, 16:48, -1.2

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	16:48
Vacuum Reading (in. w.c.)	-1.2
Number Vacuum Reading	-1.2

MP-3, 16:48, -0.022

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2022-01-25
Time	16:48
Vacuum Reading (in. w.c.)	-0.022
Number Vacuum Reading	-0.022

MP-2, 16:48, -0.023

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2022-01-25
Time	16:48
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

MP-4, 16:48, -0.031

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2022-01-25
Time	16:48
Vacuum Reading (in. w.c.)	-0.031
Number Vacuum Reading	-0.031

MP-1, 16:49, -0.027

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1

Date	2022-01-25
Time	16:49
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

MP-3, 17:18, -0.023

Vacuum ID Link	34920 Beacon, MP-3
Vacuum ID	MP-3
Date	2022-01-25
Time	17:18
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

MP-1, 17:18, -0.027

Vacuum ID Link	34920 Beacon, MP-1
Vacuum ID	MP-1
Date	2022-01-25
Time	17:18
Vacuum Reading (in. w.c.)	-0.027
Number Vacuum Reading	-0.027

MP-4, 17:18, -0.031

Vacuum ID Link	34920 Beacon, MP-4
Vacuum ID	MP-4
Date	2022-01-25
Time	17:18
Vacuum Reading (in. w.c.)	-0.031
Number Vacuum Reading	-0.031

MP-2, 17:18, -0.023

Vacuum ID Link	34920 Beacon, MP-2
Vacuum ID	MP-2
Date	2022-01-25
Time	17:18
Vacuum Reading (in. w.c.)	-0.023
Number Vacuum Reading	-0.023

U-Tube Manometer, 17:18, -1.2

Vacuum ID Link	34920 Beacon, U-Tube Manometer
Vacuum ID	U-Tube Manometer
Date	2022-01-25
Time	17:18
Vacuum Reading (in. w.c.)	-1.2
Number Vacuum Reading	-1.2

BV-1, 16:43, 40

Valve ID Link	34920 Beacon, BV-1
Valve ID	BV-1
Date	2022-01-25
Time	16:43
Valve Position at Arrival (% Open)	40
Valve Position at Departure (% Open)	40

BV-2, 16:43, 10

Valve ID Link	34920 Beacon, BV-2
Valve ID	BV-2
Date	2022-01-25
Time	16:43
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-3, 16:44, 15

Valve ID Link	34920 Beacon, BV-3
Valve ID	BV-3
Date	2022-01-25
Time	16:44
Valve Position at Arrival (% Open)	15
Valve Position at Departure (% Open)	15

BV-4, 16:44, 50

Valve ID Link	34920 Beacon, BV-4
Valve ID	BV-4
Date	2022-01-25
Time	16:44
Valve Position at Arrival (% Open)	50
Valve Position at Departure (% Open)	50

BV-5, 16:44, 10

Valve ID Link	34920 Beacon, BV-5
Valve ID	BV-5
Date	2022-01-25
Time	16:44
Valve Position at Arrival (% Open)	10
Valve Position at Departure (% Open)	10

BV-6, 16:44, 100

Valve ID Link	34920 Beacon, BV-6
Valve ID	BV-6
Date	2022-01-25
Time	16:44
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

SSMP/MPs

Were any vacuum monitoring points not accessible? Please specify. No

Do all vacuum monitoring points meet -0.02 in w.c. threshold? Yes

Were any ball valve positions changed? No

Alarm Testing

Sensaphone Link N/A

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

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

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

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

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

Repairs

Sample Delay

Send Sample Delay Email N/A
email body

Repair Completion

Were seam repairs completed during this visit? Yes

Were system repairs completed during this visit? No

Additional sealing completed: Tape repairs by MP-3. Sikaflex applied above batten bar on west side of crawlspace.

Sealing Completion Date 2022-01-25

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
