

EMERSON

# 2024 OPERATION, MAINTENANCE, AND MONITORING ANNUAL REPORT - VAPOR INTRUSION MITIGATION SYSTEMS

SITE NO. 7-55-010: FORMER EMERSON POWER  
TRANSMISSION FACILITY ITHACA, NEW YORK

AUGUST 13, 2024





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SITE NO. 7-55-010: FORMER  
EMERSON POWER  
TRANSMISSION FACILITY  
ITHACA, NEW YORK

EMERSON

PROJECT NO.: US-WSP-31405608.001

DATE: AUGUST 13, 2024

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## *FIGURE*

FIGURE 1      SITE LOCATION

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APPENDIX A      INSPECTION LOGS

# 1 INTRODUCTION

On behalf of Emerson, WSP USA Inc. (WSP) has prepared this Operation, Maintenance, and Monitoring (OM&M) Annual Report for vapor intrusion mitigation system (VIMS) activities conducted in the South Hill neighborhood north of the former Emerson Power Transmission (EPT) facility located at 620 South Aurora Street in Ithaca, New York (Site No. 7-55-010). Annual inspection activities were conducted during the 2023-2024 reporting period in accordance with the following:

- New York State Department of Health’s (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and last revised February 2024)
- Revised Operation, Maintenance, and Monitoring Plan dated January 31, 2008 (OM&M Plan) as approved by the New York State Department of Environmental Conservation (NYSDEC)

On an annual basis, each VIMS is inspected and maintenance performed, as appropriate, for continued operation. This report describes inspections completed at residences with mitigation systems in operation prior to the end of the 2023-2024 reporting period.

A brief description and history of the former EPT facility and South Hill neighborhood as well as a description of the VIMS installation process is provided in Section 1. OM&M activities completed during the reporting period are presented in Section 2. A project contact list is included in Section 3, and an engineering certification is provided in Section 4.

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## 1.1 SITE DESCRIPTION

The former EPT site comprises approximately 61.5 acres within the City and Town of Ithaca, located within Tompkins County, New York (Figure 1-1). The site is bounded by undeveloped woodland to the south and the west, the South Hill neighborhood and Six Mile Creek to the north, and South Aurora Street and residential and commercial facilities to the east. The campus of Ithaca College is located upgradient to the southeast of the site.

The South Hill neighborhood is located directly downgradient of the facility’s north expanse (Figure 1-1). The neighborhood is bordered to the north by West Spencer Street and Six Mile Creek, a tributary of Cayuga Lake. Six Mile Creek discharges to Cayuga Lake approximately 2 miles northwest of the South Hill neighborhood.

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## 1.2 SITE HISTORY

Trichloroethene (TCE) was first discovered in groundwater downgradient of a former on-site fire water reservoir (part of the former EPT facility) during initial site investigations conducted in 1987. The TCE findings were reported by Emerson to the NYSDEC within the same year. A groundwater extraction and treatment system was subsequently installed and continues to operate. EPT continued to manufacture industrial roller chain, bearings, and clutching for the power transmission industry until operations ceased in 2009. The fire water reservoir was decommissioned in 2013.

Under the direction of the NYSDEC, Emerson initiated a residential indoor air sampling program in the South Hill Neighborhood in 2004. The NYSDOH required the collection of air samples on the first floor, basement level, and beneath the concrete slab (if present) in residential properties in the South Hill neighborhood. The results of the indoor air sampling were evaluated for the potential for vapor intrusion of volatile organic compounds (VOCs). Based on the indoor air concentrations of certain VOCs, Emerson initiated a mitigation program to address vapor intrusion issues. Property owners were offered the installation of a mitigation system if mandated by the NYSDOH due to VOC concentrations exceeding NYSDOH Soil Vapor/Indoor Air Matrix guidance values. Emerson voluntarily offered mitigation systems in residences where TCE concentrations in the indoor air exceeded 0.8 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Mitigation of residential properties began in 2005.

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## 1.3 SYSTEM INSTALLATION HISTORY

Initial installation of each system included sub-slab vacuum communication testing to ensure that the entire slab footprint would be subject to the vacuum forces. If the concrete slab did not cover the entire basement (i.e., crawl space), a geomembrane liner was installed as a soil vapor retarder to cover exposed soil between the slab and foundation walls. As part of the testing, temporary 3/8-inch holes (vacuum monitoring points) were drilled at various locations around the perimeter of the basement or ground floor slabs, if applicable. Vacuum was then applied to a hole drilled at a central location within the basement slab (the location proposed for the vacuum suction point[s]). Vacuum measurements were collected using a digital manometer inserted into each of the monitoring points. Sub-slab vacuum readings of a minimum of -0.004 inches of water column (in. WC) were considered indicative of adequate communication between the vacuum point and the monitoring point. Multiple suction points were necessary at some residences due to inadequate vacuum influence using the single suction point approach.

Following completion of these pre-design measurements, the mitigation system equipment was installed. The equipment consisted of polyvinyl chloride (PVC) piping extending from the selected vacuum suction point(s), through the basement, to an outside wall location. A mitigation fan was then installed on the outside of the home and connected to the PVC piping, and a liquid filled manometer was installed on the vacuum suction point pipe(s) to facilitate visual inspection of the system operation. At initial startup, the vacuum monitoring points were checked once again to ensure adequate communication throughout the slab. Once the system was confirmed to be operating properly, liquid filled manometer or differential pressure gauge readings were recorded as a baseline reading for subsequent annual inspections. One post-mitigation sampling event was conducted following a minimum of 1 month of operation to confirm the vapor mitigation system was adequately removing VOCs from the indoor air.

## 2 ANNUAL OPERATION AND MAINTENANCE

According to the OM&M Plan, residences with vapor mitigation systems in operation for a minimum of 12 months are to be inspected and maintenance performed as appropriate to ensure proper operation. During this reporting period, sixty (60) residences had mitigation systems in operation; however, Emerson no longer supports OM&M activities at one (1) residence as the system was previously modified by the homeowner (Property ID 8). Of the remaining fifty-nine (59) residences:

- Fifty-two (52) were inspected during the reporting period as shown in Table 1.
- Seven (7) were not inspected during the reporting period due to insufficient response from property owners or scheduling conflicts.

The seven (7) residences not inspected include ID 38, ID 59, ID 61, ID 66, ID 93, ID 104, and ID 107. WSP will continue attempts to contact the owners of these properties. If successful, the results of the inspections will be included in subsequent annual reports.

OM&M activities performed during the annual inspections included:

- Component Inspection – A visual inspection of the mitigation system included observation of the system piping, vent, fan, liquid manometer, component and pipe labeling, concrete, and geomembranes (if present) installed to retard soil vapor intrusion. Each inspection was recorded on an individual log to include manometer readings, inspection of fan, piping, exhaust stack, concrete floors, foundation walls, sump(s) and Drainjers™ (device that allows water drainage downward while preventing vapor infiltration), where applicable. A historical record of manometer readings is provided in Table 2. Log sheets for each inspection are provided in Appendix A.
- Ancillary Inspection – A visual inspection of the environment surrounding the vapor mitigation system was conducted at each residence. Concrete slabs and foundation walls were inspected for signs of cracks and separating joints. These inspections were specifically focused on vacuum points, sump covers, and Drainjer™ floor drains. Smoke tests are a tool that is used on sump covers as necessary to verify that no leaks were present. Smoke tests were not necessary during the reporting period. All identified fractures, cracks, and voids were repaired as detailed in the following paragraphs.
- Discharge Inspection – A visual inspection of the exhaust stack was performed on each residence focusing on the integrity of the piping and discharge hood, and the presence of any new air intakes in the vicinity of the discharge.
- Record of Required Repairs – Any observed malfunctions and system irregularities were documented during each inspection on the log sheets. Any repairs that were deemed necessary were addressed (or scheduled) appropriately based on urgency of the action and Subcontractor availability.

Under the direction and oversight by WSP, maintenance and repairs identified during the inspections were performed by Envirosafe Inspections & Consulting of Honeoye, New York. Notable repairs or maintenance actions were completed at twenty (20) residences during the reporting period. An additional repair or maintenance action is currently pending at one (1) residence at the time of this report submittal due to scheduling conflicts. A description of the issue or issues observed during the annual inspection and the completed or pending work to correct each issue at the twenty-one (21) properties is provided below:

- Property ID 5 – During the annual system inspection on March 12, 2024, WSP observed 20 linear feet (LF) of cracks in the basement concrete floor and a broken manometer. On April 10, 2024, the cracks were sealed with a polyurethane sealant and the manometer was replaced.
- Property ID 7 – During the annual system inspection on May 14, 2024, WSP observed 6 LF of cracks in the basement concrete floor. On July 11, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 12 – During the annual system inspection on July 2, 2024, WSP observed a broken manometer. On July 26, 2024, the manometer was replaced.
- Property ID 14 – During the annual system inspection on July 8, 2024, WSP observed 10 LF of cracks in the basement concrete floor. On July 11, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 21 – During the annual system inspection on March 13, 2024, WSP observed 15 LF of cracks in the basement concrete floor. On April 10, 2024, the cracks were sealed with a polyurethane sealant.

- Property ID 26 – During the annual system inspection on January 30, 2024, WSP observed a broken stack pipe strap. On April 10, 2024, the strap was replaced.
- Property ID 32 – During the annual system inspection on March 11, 2024, WSP observed a fan was no longer functional. On April 10, 2024, a new fan was installed.
- Property ID 37 – During the annual system inspection on March 13, 2024, WSP observed 25 LF of cracks in the basement concrete floor. On April 10, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 44 – During the annual inspection on May 9, 2024, WSP observed an extraction point valve was stuck or temporarily sealed up in a partially closed position, inhibiting depressurization. On May 14, 2024, the valve was reopened.
- Property ID 52 – During the annual inspection on June 28, 2024, WSP observed the depressurization fan’s switch had been turned off by the owner due to issues with the fan’s exhaust noise and an air pocket was observed inside the monometer rendering it inoperable or inaccurate. After consulting with the homeowner, WSP turned the fan back on and replaced the manometer fluid the same day in accordance with manufacturer’s instructions. On July 11, 2024, a new stack muffler was installed for noise reduction.
- Property ID 62 – During the annual system inspection on March 11, 2024, WSP observed a damaged exterior fan cover. On April 10, 2024, the cover was replaced.
- Property ID 65 – During the annual system inspection on March 28, 2024, WSP observed a broken fan switch receptacle plate. On July 11, 2024, the receptacle plate and warning stickers were replaced.
- Property ID 73 – During the annual inspection on March 11, 2024, WSP was made aware of fan noise complaints by the property owner’s neighbor. The system components were operating normally, however on July 11, 2024, new Low-Durometer, Vibration-isolating (LDVI) couplings were installed for noise reduction.
- Property ID 74 – During the annual system inspection on March 21, 2024, WSP observed 3 LF of cracks in the basement concrete floor. On July 11, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 83 – During the annual system inspection on January 30, 2024, WSP observed 20 LF of cracks in the basement concrete floor. On April 10, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 87 – During the annual inspection on May 22, 2024, WSP observed a broken stack pipe strap. On July 11, 2024, the strap was replaced.
- Property ID 91 – During the annual inspection on May 10, 2024, WSP observed a manometer clogged with debris rendering it inoperable or inaccurate. On May 17, 2024, the manometer was drained, and the fluid was replaced in accordance with manufacturer’s instructions.
- Property ID 95 – During the annual system inspection on May 9, 2024, WSP observed a damaged exterior fan cover. On July 11, 2024, the cover was replaced.
- Property ID 97b – During the annual system inspection on March 12, 2024, WSP observed 6 LF of cracks in the basement concrete floor. On April 10, 2024, the cracks were sealed with a polyurethane sealant.
- Property ID 98 – During the annual system inspection on May 10, 2024, WSP observed 10 LF of cracks in the basement concrete floor. Vacuum readings remained consistent with previous yearly inspections; therefore, this repair was not considered critical to system operation but represented a potential location for a future breach and reduced system effectiveness. Due to scheduling conflicts, this repair is still pending and will be included in the 2025 annual report.
- Property ID 99 – During the annual inspection on March 12, 2024, WSP observed a broken stack pipe strap. On April 10, 2024, the strap was replaced.

# 3 PROJECT CONTACT LIST

The following is a list of key contacts related to the operation and maintenance program. Should there be any problems related to the mitigation systems installed in the homes within the study area, one of the following personnel should be contacted.

<u>Project Title</u>	<u>Name</u>	<u>Phone Number</u>
WSP Project Manager	Lisa Kelly	703-742-5905
WSP Site Consultant	Daniel Cummings	517-329-1255
WSP Engineer of Record	David Rykaczewski, P.E.	412-375-0282
Emerson Contact	Steve Clarke	314-553-1953



# 4 ENGINEERING CERTIFICATION

**ENGINEER'S CERTIFICATION  
VAPOR INTRUSION MITIGATION SYSTEMS  
FORMER EMERSON POWER TRANSMISSION  
620 SOUTH AURORA STREET  
ITHACA, NEW YORK  
SITE NO. 7-55-010**

I, David Alan Rykaczewski, P.E., as a Professional Engineer licensed in the state of New York, hereby certify that the vapor intrusion mitigation systems described in this report are in place, are performing properly, and remain an effective engineering control. This certification is made based on annual inspections and observations by WSP staff working with me or under my direction. The operation and maintenance activities described in this report were completed in substantial conformance with the requirements presented in the NYSDEC-approved OM&M Plan entitled "*Operation, Maintenance, and Monitoring Plan, Vapor Intrusion Mitigation Systems, Emerson Power Transmission, 620 Aurora Street, Ithaca, New York, Site No. 7-55-010*", dated January 2008. The work was also performed in accordance with the Record of Decision for the Morse Industrial Site Inactive Hazardous Waste Site, Ithaca, Tompkins County, New York, dated December 1994, and the subsequent Record of Decision Amendment dated June 2009.

  
David Alan Rykaczewski, P.E.  
New York State P.E. No. 099287

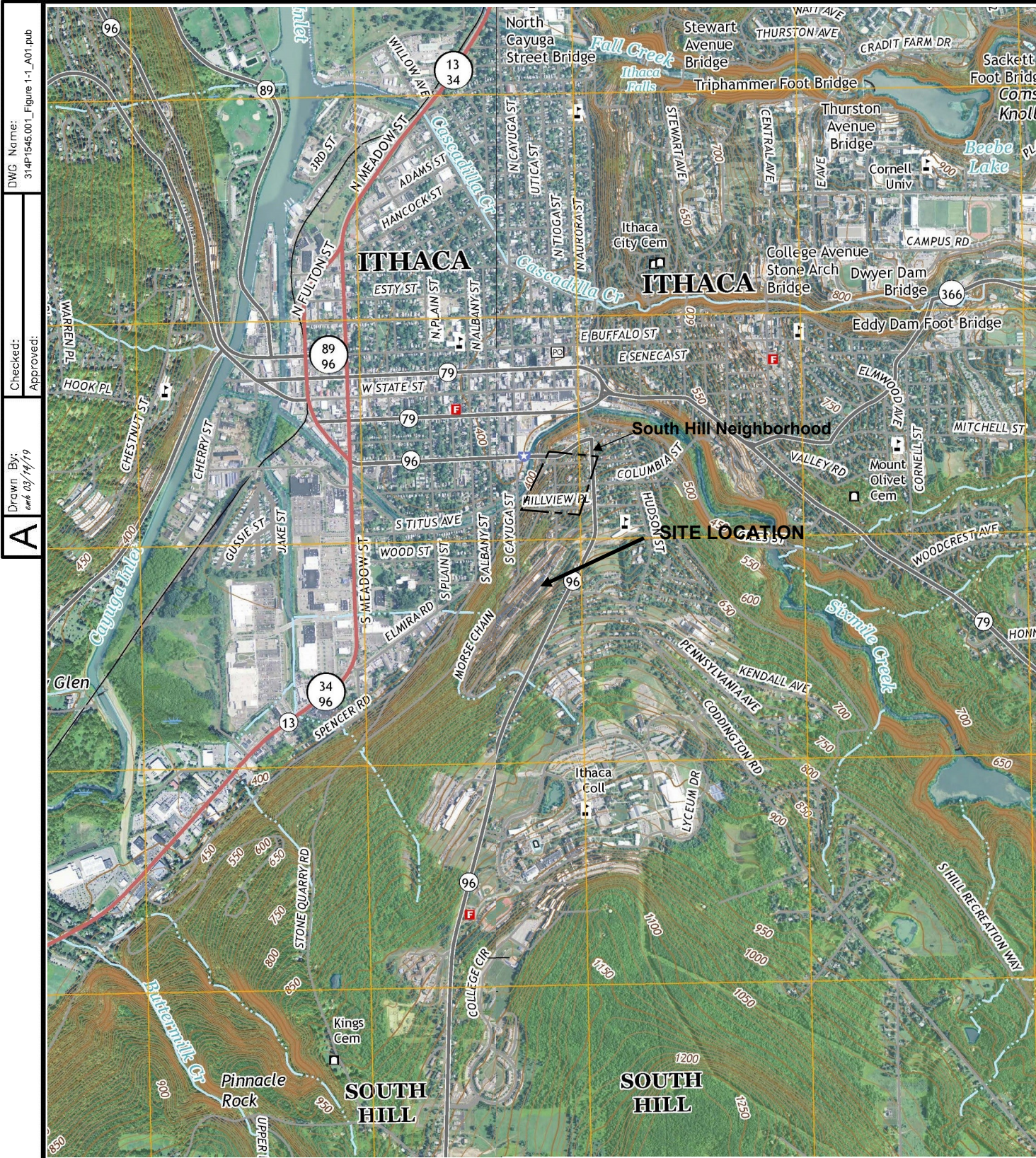


  
Date

WSP USA  
11 Stanwix Street, Suite 950  
Pittsburgh, Pennsylvania 15222

**FIGURE**





DWG Name: 314P1545.001\_Figure 1-1\_A01.pub

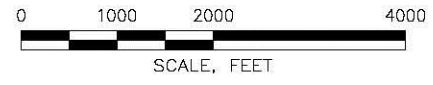
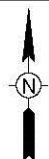
Checked: Approved:

Drawn By: **A**  
Date: 03/14/19

**REFERENCE:**  
7.5 MINUTE SERIES TOPOGRAPHIC QUADRANGLE  
ITHACA EAST AND WEST, NEW YORK 2016  
SCALE 1:24,000



QUADRANGLE LOCATION



SCALE, FEET



**FIGURE 1**  
**SITE LOCATION**

**FORMER EMERSON POWER TRANSMISSION**  
ITHACA, NEW YORK  
PREPARED FOR  
EMERSON  
ST. LOUIS, MISSOURI

# TABLES



Table 1

Annual Inspection Summary  
 2024 Reporting Period  
 Emerson Power Transmission  
 Ithaca, New York

ID	System Start Date	2024 Annual Inspections Inspection Date	Repair Required Yes/No	Repair Completion Date	Notes
2	8/31/2010	3/21/2024	No	--	
5	4/30/2010	3/12/2024	Yes	4/10/2024	Floor slab crack/preferential pathway sealing (20 LF); replaced manometer
7	5/10/2011	5/14/2024	Yes	7/11/2024	Floor slab crack/preferential pathway sealing (6 LF)
8	8/22/2006	OM&M Discontinued	No	--	
9	4/23/2009	3/12/2024	No	--	
12	10/20/2017	7/2/2024	Yes	7/26/2024	Replaced manometer
14	5/18/2006	7/8/2024	Yes	7/11/2024	Floor slab crack/preferential pathway sealing (10 LF)
17	4/30/2010	7/7/2024	No	--	
21	5/13/2009	3/13/2024	Yes	4/10/2024	Floor slab crack/preferential pathway sealing (15 LF)
24	11/9/2010	3/21/2024	No	--	
25	8/2/2006	1/30/2024	No	--	
26	6/14/2006	1/30/2024	Yes	4/10/2024	Replaced broken pipe strap
27	7/19/2010	5/9/2024	No	--	
29	2/2/2005	3/13/2024	No	--	
30	12/21/2009	5/10/2024	No	--	
31	8/17/2006, 8/10/2007	3/12/2024	No	--	
32	12/2/2009	3/11/2024	Yes	4/10/2024	Replaced broken fan
33	5/4/2006	3/11/2024	No	--	
37	4/23/2009	3/13/2024	Yes	4/10/2024	Floor slab crack/preferential pathway sealing (25 LF)
38	8/23/2006	Not Inspected	No	--	
44	3/25/2009	5/9/2024	Yes	5/14/2024	Extraction point valve stuck in closed position; valve reopened
46	9/15/2009	7/3/2024	No	--	
49	11/9/2010	3/12/2024	No	--	
52	11/9/2010	6/28/2024	Yes	7/11/2024	Noise reduction via new stack muffler; switch reset and manometer fluid replaced at initial inspection
57	8/14/2006	1/31/2024	No	--	
59	7/19/2010	Not Inspected	No	--	
61	6/26/2006	Not Inspected	No	--	
62	9/7/2006	3/11/2024	Yes	4/10/2024	Replaced exterior fan cover
63	12/2/2010	4/5/2024	No	--	
65	8/30/2006	3/28/2024	Yes	7/11/2024	New fan switch receptacle plate
66	9/21/2006, 5/17/2007	Not Inspected	No	--	
67	3/19/2008	5/3/2024	No	--	
68	5/18/2006	1/30/2024	No	--	
71	8/8/2006, 5/24/2007	6/19/2024	No	--	
73	10/28/2006	3/11/2024	Yes	7/11/2024	Noise reduction via coupling installation
74	8/21/2006	3/21/2024	Yes	7/11/2024	Floor slab crack/preferential pathway sealing (3 LF)
76	8/28/2006	3/21/2024	No	--	
78	3/29/2006	1/30/2024	No	--	
79	3/27/2007	3/11/2024	No	--	
82	3/19/2009	3/11/2024	No	--	
83	2/6/2006	1/30/2024	Yes	4/10/2024	Floor slab crack/preferential pathway sealing (20 linear feet (LF))
84	2/16/2006	1/31/2024	No	--	
85	6/6/2006	1/30/2024	No	--	
86	5/1/2006	1/30/2024	No	--	
87	4/4/2007	5/22/2024	Yes	7/11/2024	Replaced broken pipe strap
88	11/17/2007	3/12/2024	No	--	
89	9/25/2008	3/11/2024	No	--	
91	7/17/2008, 1/15/2009	5/10/2024	Yes	5/17/2024	Replaced manometer fluid
93	1/19/2008	Not Inspected	No	--	
95	6/20/2008	5/9/2024	Yes	7/11/2024	Replaced exterior fan cover
96	3/19/2008	5/9/2024	No	--	
97a	8/31/2010	3/12/2024	No	--	
97b	11/6/2007	3/12/2024	Yes	4/10/2024	Floor slab crack/preferential pathway sealing (6 LF)
98	12/5/2008	5/10/2024	Yes	Repair Pending (a)	Floor slab crack/preferential pathway sealing (10 LF) to be performed
99	8/7/2008	3/12/2024	Yes	4/10/2024	Replaced broken pipe strap
100	7/9/2007	6/28/2024	No	--	
102	4/3/2007	5/8/2024	No	--	
103	4/6/2007	3/11/2024	No	--	
104	6/24/2008	Not Inspected	No	--	
107	1/16/2009	Not Inspected	No	--	
a/	Pending repair needs to include cosmetic alterations or maintenance actions not critical to system operation; to be included in subsequent annual report.				

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
2	1/25/2012	2.00	1.60	0.75		
	3/20/2013	1.75	2.00	0.75		
	1/17/2014	2.00	1.75	1.00		
	10/27/2015	2.50	1.25	2.00		
	10/26/2016	2.00	1.25	1.75		
	10/31/2017	2.75	1.75	2.00		
	1/30/2019	1.75	2.00	1.25		
	1/28/2020	2.00	1.75	1.00		
	2/9/2021	2.00	1.75	1.00		
	4/6/2022	2.00	1.75	1.00		
	1/30/2023	2.00	1.75	1.00		
3/21/2024	2.10	1.75	1.25			
5	8/17/2011	2.00	1.50			
	3/19/2013	2.00	1.50			
	1/17/2014	2.00	1.50			
	5/21/2015	2.00	1.50			
	2/17/2016	1.50	2.00			
	11/11/2016	2.00	1.25			
	10/30/2017	2.00	1.25			
	1/30/2019	1.75	1.25			
	2/4/2021	1.75	1.25			
	2/7/2022	1.50	1.25			
	2/21/2023	1.50	1.25			
	3/12/2024	3.50	0.80			
	4/10/2024	1.50	1.00			
7	4/19/2013	1.50				
	2/10/2014	1.50				
	5/19/2015	1.50				
	2/19/2016	1.50				
	10/24/2016	1.50				
	12/12/2017	1.50				
	2/25/2019	1.50				
	2/20/2020	1.75				
	2/7/2022	1.75				
	1/30/2023	1.75				
	5/14/2024	1.25				
7/11/2024	1.25					
9	5/5/2010	0.80	0.30	0.75	0.85	
	6/16/2011	0.85	0.35	1.00	2.70	0.75
	6/25/2012	0.75	0.50	1.00	1.75	0.75
	12/3/2014	0.75	0.50	1.00	1.75	0.75
	2/18/2016	0.50	0.75	0.75	2.25	0.75
	10/19/2016	1.00	1.75	1.00	0.75	0.90
	10/30/2017	0.75	2.25	2.75	2.25	1.00
	1/30/2019	0.75	1.00	1.25	2.00	2.00
	1/28/2020	0.75	1.25	1.00	1.75	1.75
	1/20/2021	1.00	1.25	0.75	1.75	1.75
	3/4/2022	0.75	1.00	2.25	2.00	1.25
2/23/2023	0.75	1.00	2.00	2.00	1.50	
3/12/2024	0.60	0.60	2.25	1.50	0.60	
12	10/20/2017	1.00				
	2018	Not Inspected				
	2019	Not Inspected				
	2020	Not Inspected				
	2021	Not Inspected				
	2022	Not Inspected				
	2023	Not Inspected				
	7/2/2024	0.00				
7/26/2024	1.00					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
14	11/13/2007	Drained	1.25			
	1/25/2008	1.20	1.50			
	9/28/2009	1.20	1.50			
	9/3/2010	1.50	1.20			
	1/24/2012	3.75	1.20			
	4/18/2013	3.25	1.25			
	1/17/2014	3.25	1.25			
	5/22/2015	2.50	1.50			
	2/17/2016	1.50	1.25			
	10/17/2016	1.50	1.25			
	10/30/2017	1.50	1.25			
	1/29/2019	1.50	1.25			
	1/17/2020	1.50	1.25			
	2/10/2021	1.25	0.80			
	2/7/2022	1.25	1.50			
	1/30/2023	1.50	1.50			
7/8/2024	1.50	1.20				
7/11/2024	1.50	1.20				
17	1/24/2012	2.00				
	2/7/2014	2.00				
	3/11/2015	1.75				
	2/19/2016	2.00				
	1/17/2017	2.00				
	2/5/2018	2.00				
	4/5/2019	2.00				
	3/5/2021	2.00				
	3/5/2022	2.00				
	1/30/2023	2.00				
7/8/2024	1.80					
21	5/5/2010	1.25	0.50	0.25	0.45	
	6/16/2011	1.25	0.50	0.25	0.45	
	6/26/2012	1.00	0.50	0.50	0.25	
	2/7/2014	1.00	0.25	0.75	0.25	
	5/20/2015	1.25	1.00	0.75	0.25	
	2/18/2016	1.25	1.50	0.75	0.25	
	1/17/2017	1.25	1.50	1.25	0.25	
	12/12/2017	1.25	1.50	1.00	0.25	
	1/29/2019	0.75	1.25	0.75	1.00	
	2/25/2020	1.00	1.25	1.00	1.00	
	2/22/2021	1.00	1.25	1.00	1.00	
	2/7/2022	1.25	1.00	0.75	1.00	
	2/23/2023	1.25	1.00	0.75	1.00	
3/13/2024	1.25	1.20	1.00	1.15		
4/10/2024	1.25	1.20	1.00	1.15		
24	3/2/2011	2.00	1.85			
	6/26/2012	2.00	1.85			
	1/17/2014	1.75	1.65			
	3/12/2015	1.50	1.50			
	2/18/2016	2.00	1.75			
	11/15/2016	1.50	1.75			
	12/11/2017	1.50	1.25			
	2/14/2019	1.75	1.50			
	2/25/2020	1.75	1.50			
	1/20/2021	1.75	1.50			
	3/2/2022	1.75	1.50			
	3/7/2023	1.75	1.50			
	3/21/2024	1.75	1.60			

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
25	10/9/2007	2.00				
	9/29/2008	2.00				
	9/28/2009	2.00				
	9/3/2010	2.00				
	8/17/2011	2.00				
	2/25/2013	1.75				
	1/13/2014	1.75				
	3/12/2015	1.75				
	12/18/2015	1.75				
	10/17/2016	1.60				
	10/30/2017	1.75				
	1/29/2019	1.75				
	1/14/2020	1.75				
	1/20/2021	1.75				
	2/8/2022	1.75				
2/10/2023	1.75					
1/30/2024	1.75					
26	10/12/2007	2.40				
	1/17/2008	2.50				
	9/30/2008	2.50				
	12/7/2009	2.50				
	1/21/2011	2.25				
	12/13/2011	2.50				
	3/19/2013	2.50				
	1/17/2014	2.50				
	3/1/2015	2.50				
	3/28/2016	2.75				
	1/28/2019	2.50				
	1/7/2020	2.50				
	1/17/2021	2.50				
	4/5/2022	2.50				
	1/30/2023	2.50				
1/30/2024	2.50					
27	3/2/2011	2.75				
	1/12/2012	2.50				
	2/25/2013	2.75				
	2/26/2014	2.50				
	3/13/2015	2.50				
	3/25/2016	2.50				
	10/26/2016	2.75				
	10/30/2017	2.75				
	2/12/2019	2.75				
	2/5/2020	2.75				
	2/15/2021	2.75				
	4/5/2022	2.75				
	1/30/2023	2.75				
5/9/2024	2.75					
29	10/10/2007	0.80	0.80	0.40		
	9/29/2008	0.80	0.75	0.30		
	12/7/2009	1.00	0.75	<0.25		
	1/21/2011	1.25	1.25	<0.25		
	12/13/2011	1.50	1.25	<0.25		
	3/18/2013	1.50	1.00	<0.25		
	1/9/2014	1.00	1.50	Inaccessible		
	12/2/2014	1.00	1.50	0.25		
	10/28/2015	1.50	1.00	0.25		
	10/16/2016	1.25	0.75	<0.24		
	10/30/2017	1.75	1.25	0.25		
	3/22/2019	1.75	1.25	0.25		
	2/14/2020	0.50	1.00	0.25		
	3/11/2021	0.50	1.00	0.25		
	3/10/2022	0.50	1.00	0.25		
	1/30/2023	0.50	1.00	0.25		
	3/13/2024	0.50	1.00	0.25		



Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
30	11/10/2010	1.50	1.50			
	2/2/2012	1.25	1.50			
	1/31/2014	1.25	1.50			
	5/17/2015	1.25	1.00			
	2/18/2016	1.00	1.25			
	1/16/2017	1.25	1.25			
	10/31/2017	1.25	1.25			
	3/22/2019	1.25	1.00			
	2/26/2020	1.25	1.00			
	2/22/2021	1.25	1.00			
	3/16/2021	1.25	1.00			
	5/19/2023	1.25	1.00			
	5/10/2024	1.60	1.75			
31	1/28/2008	1.30				
	9/30/2008	1.25				
	9/28/2009	1.25				
	1/21/2011	1.25				
	12/13/2011	1.25				
	1/17/2014	1.25				
	5/21/2015	1.25				
	12/17/2015	1.25				
	12/14/2016	1.25				
	12/11/2017	1.25				
	3/22/2019	1.25				
	1/14/2020	1.50				
	2/2/2021	1.15				
	2/7/2022	1.00				
	2/23/2023	1.00				
3/12/2024	1.00					
32	1/20/2011	0.80	1.60	1.90		
	12/13/2011	0.30	2.00	1.75		
	4/17/2013	1.00	1.50	1.75		
	1/17/2014	0.95	1.50	1.50		
	12/3/2014	0.75	1.50	1.50		
	2/18/2016	0.75	1.75	1.50		
	2/1/2017	0.75	1.50	1.50		
	12/11/2017	1.25	1.25	1.50		
	1/20/2019	1.75	1.50	0.50		
	1/28/2020	1.25	1.50	0.50		
	2/22/2021	1.25	1.50	0.50		
	2/21/2023	1.50	1.50	0.50		
	3/11/2024	0.00	1.50	0.00		
4/10/2024	2.00	1.50	0.75			
33	10/10/2007	2.20				
	1/23/2008	2.25				
	9/30/2008	2.30				
	9/28/2009	2.25				
	9/2/2010	2.00				
	8/17/2011	2.25				
	2/25/2013	2.20				
	1/9/2014	Not Inspected				
	5/22/2015	2.50				
	12/17/2015	2.25				
	11/11/2016	2.25				
	12/14/2017	2.25				
	1/30/2019	1.25				
	1/7/2020	2.25				
	2/8/2021	2.00				
	2/7/2022	2.25				
	2/21/2023	2.25				
3/11/2024	2.75					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
37	5/5/2010	0.80	0.60	0.85		
	12/13/2011	0.75	0.50	1.25		
	3/19/2013	0.75	0.75	0.75		
	1/9/2014	0.75	0.75	1.25		
	5/27/2015	1.50	0.75	0.75		
	2/17/2016	1.50	0.75	1.50		
	11/2/2016	0.90	0.75	1.50		
	12/15/2017	1.00	0.75	1.25		
	1/29/2019	1.00	0.75	1.25		
	2/7/2022	0.75	1.50	1.00		
	2/21/2023	0.75	1.50	1.00		
	3/13/2024	0.75	0.60	1.50		
	4/10/2024	0.75	0.75	1.50		
38	10/25/2007	2.50				
	2/15/2008	2.50				
	11/4/2008	3.50				
	1/21/2010	2.50				
	12/14/2011	2.50				
	4/19/2013	2.50				
	1/13/2014	2.50				
	12/5/2014	2.50				
	12/18/2015	2.50				
	11/11/2016	2.50				
	12/12/2017	2.50				
	2/25/2019	2.25				
	4/5/2022	2.25				
4/4/2023 2024	2.25 Not Inspected					
44	5/5/2010	0.70	0.90	0.10		
	6/16/2011	1.60	0.90	0.10		
	2/25/2020	1.25	1.00	0.25		
	3/9/2021	1.25	1.00	0.25		
	3/15/2022	1.25	1.00	0.25		
	2/23/2023	1.25	1.00	0.50		
	5/9/2024	0.75	0.75	0.00		
	5/14/2024	0.50	0.60	0.50		
46	11/10/2010	1.50	1.00			
	8/17/2011	1.25	1.00			
	2/25/2013	2.00	1.00			
	1/9/2014	1.25	1.25			
	12/2/2014	1.35	1.25			
	10/28/2015	1.50	1.00			
	2/2/2017	1.50	1.00			
	2/7/2018	1.50	1.00			
	3/22/2019	1.50	1.00			
	1/28/2020	1.50	1.00			
	2/17/2021	1.50	1.00			
	2/23/2023	1.50	1.00			
	7/3/2024	1.00	1.00			
49	12/15/2011	2.50	0.25	0.10	0.10	
	4/17/2013	2.25	0.25	0.10	0.10	
	1/9/2014	1.75	0.50	0.25	0.25	
	12/3/2014	2.00	1.50	0.15	1.25	
	3/15/2016	2.00	1.75	1.25	1.25	
	11/1/2016	2.25	1.90	1.25	1.25	
	10/30/2017	2.50	2.25	2.50	2.50	
	3/15/2019	2.75	1.75	1.25	1.25	
	2/20/2020	2.25	1.75	1.75	1.50	
	3/22/2021	2.25	1.75	1.75	1.50	
	2/7/2022	1.00	2.00	1.25	1.50	
	2/7/2023	1.00	2.00	1.25	1.50	
	3/12/2024	2.40	2.25	1.40	2.50	

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5	
52	3/2/2011	2.00					
	6/26/2012	2.00					
	1/17/2014	2.00					
	12/3/2014	2.00					
	2/19/2016	1.50					
	10/26/2016	1.25					
	10/31/2017	1.25					
	1/30/2019	1.25					
	4/5/2022	1.25					
	3/15/2023	1.25					
6/28/2024	2.00						
57	10/8/2007	1.50					
	2/22/2008	2.00					
	9/29/2008	2.25					
	9/28/2009	2.25					
	9/3/2010	2.10					
	8/17/2011	2.25					
	2/25/2013	2.00					
	1/9/2014	1.75					
	12/1/2014	2.00					
	10/28/2015	2.25					
	10/17/2016	2.10					
	12/12/2017	2.00					
	1/29/2019	1.75					
	1/14/2020	1.90					
	2/10/2021	1.75					
	2/8/2022	1.75					
2/9/2023	1.75						
1/31/2024	2.00						
59	8/17/2011	1.50	1.60	2.50	0.75		
	6/26/2012	1.50	1.50	2.50	0.75		
	11/12/2013	1.50	1.50	2.50	0.25		
	2/19/2016	2.50	1.25	1.75	0.25		
	11/11/2016	1.50	1.50	2.50	2.50		
	12/15/2017	2.25	1.75	2.75	0.25		
	3/15/2019	2.25	1.75	2.75	0.25		
	3/10/2021	2.25	1.75	2.75	0.25		
	2/10/2022	3.00	1.75	2.75	0.25		
	2/21/2023	3.00	1.75	2.75	0.25		
	2024	Not Inspected	Not Inspected	Not Inspected	Not Inspected		
	61	11/13/2007	1.25				
		2/15/2008	1.25				
11/17/2008		1.25					
5/5/2010		1.20					
1/24/2012		1.00					
3/18/2013		1.00					
1/13/2014		1.25					
3/11/2015		1.50					
12/17/2015		1.00					
10/17/2016		1.00					
12/12/2017		1.00					
1/29/2019		1.00					
1/29/2021		1.00					
3/31/2022		1.00					
2/10/2023		1.00					
2024	Not Inspected						

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
62	10/11/2007	1.50				
	1/23/2008	1.50				
	11/3/2008	1.25				
	1/21/2011	1.75				
	1/12/2012	1.50				
	1/31/2014	1.50				
	5/19/2015	1.50				
	12/18/2015	1.50				
	10/18/2016	1.50				
	11/3/2017	1.50				
	2/21/2019	1.50				
	1/14/2020	1.50				
	3/1/2021	1.50				
	3/4/2023	1.50				
3/11/2024	1.30					
63	3/2/2011	0.75				
	3/2/2013	0.75				
	2/27/2014	1.00				
	3/13/2015	0.75				
	3/24/2016	1.00				
	11/16/2016	1.00				
	2/12/2018	1.00				
	2/8/2020	1.00				
	2/4/2021	1.00				
	2/7/2022	1.00				
	2/21/2023	1.00				
	4/5/2024	1.00				
65	10/10/2007	2.25				
	1/17/2008	2.25				
	10/1/2008	2.50				
	9/28/2009	2.25				
	9/3/2010	2.10				
	8/17/2011	2.25				
	10/22/2012	2.25				
	11/12/2013	2.50				
	12/2/2014	2.25				
	10/28/2015	2.25				
	10/18/2016	2.25				
	10/30/2017	2.25				
	1/28/2019	2.25				
	1/7/2020	2.25				
	1/15/2021	2.25				
	2/7/2022	2.25				
2/20/2023	2.25					
3/28/2024	2.40					
66	1/28/2008	1.85				
	2/22/2008	1.85				
	4/30/2009	1.85				
	5/5/2010	2.00				
	9/1/2011	1.90				
	3/18/2013	2.00				
	1/13/2014	1.85				
	10/27/2016	1.50				
	10/30/2017	1.50				
	1/30/2019	2.25				
	1/14/2020	1.50				
	1/10/2021	1.50				
	3/10/2022	1.50				
	2/20/2023	2.50				
	2024	Not Inspected				

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
67	4/29/2009	1.80	1.80			
	5/6/2010	1.75	1.80			
	8/17/2011	1.50	1.75			
	4/18/2013	1.50	1.75			
	2/27/2013	1.50	1.75			
	5/21/2015	1.50	1.75			
	2/19/2016	1.75	1.50			
	12/19/2016	1.75	1.50			
	12/11/2017	1.75	1.50			
	3/22/2019	1.75	1.25			
	4/5/2022	1.50	1.25			
	3/3/2023	1.50	1.25			
	5/3/2024	1.60	1.50			
	68	10/10/2007	1.50			
1/17/2008		1.50				
9/29/2008		1.50				
9/28/2009		1.50				
9/3/2010		1.50				
8/17/2011		1.50				
10/22/2012		1.50				
11/12/2013		1.50				
12/2/2014		1.50				
10/28/2015		1.50				
10/18/2016		1.50				
10/30/2017		1.50				
1/28/2019		1.25				
1/7/2020		1.50				
1/20/2021		1.50				
2/7/2022		1.50				
3/7/2023	1.50					
1/30/2024	1.75					
71	1/28/2008	1.80				
	11/17/2008	1.80				
	12/7/2009	1.75				
	1/21/2011	1.75				
	12/13/2011	1.75				
	3/20/2013	1.75				
	2/26/2014	1.75				
	3/28/2016	1.00				
	11/2/2016	1.25				
	11/2/2017	1.50				
	2/1/2019	0.50				
	1/14/2020	0.50				
	2/23/2021	0.50				
	3/23/2022	0.50				
3/1/2023	0.50					
6/19/2024	0.50					
73	11/12/2007	10.0				
	9/29/2008	12.0				
	9/28/2009	12.0				
	9/3/2010	12.0				
	8/17/2011	12.0				
	10/22/2012	12.5				
	11/12/2013	12.0				
	12/3/2014	12.0				
	10/28/2015	14.0				
	10/17/2016	13.0				
	12/12/2017	14.0				
	1/24/2019	14.0				
	1/14/2020	14.0				
	1/14/2021	14.0				
	3/10/2022	14.0				
2/20/2023	14.0					
3/11/2024	14.0					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
74	1/17/2008	2.25				
	9/30/2008	2.25				
	12/8/2009	2.25				
	1/20/2011	2.25				
	1/12/2012	2.25				
	2/25/2013	2.50				
	1/9/2014	2.25				
	12/3/2014	2.50				
	2/18/2016	2.50				
	10/18/2016	2.25				
	11/2/2017	2.50				
	1/29/2019	2.25				
	1/14/2020	2.25				
	4/8/2021	2.25				
	11/10/2021	2.25				
	2/20/2023	2.25				
3/21/2024	2.50					
7/11/2024	2.50					
76	10/9/2007	2.25				
	1/25/2008	2.20				
	9/30/2008	2.10				
	12/7/2009	2.10				
	2/15/2011	2.00				
	12/13/2011	2.15				
	4/19/2013	2.00				
	1/17/2014	2.00				
	3/15/2016	1.75				
	2/2/2017	1.50				
	2/12/2018	1.75				
	2/12/2019	1.75				
	2/7/2022	2.50				
	2/20/2023	2.50				
3/21/2024	2.30					
78	10/9/2007	2.50				
	2/15/2008	2.50				
	9/29/2008	2.50	1.90			
	9/28/2009	2.50	2.00			
	2/15/2011	2.75	2.00			
	12/12/2011	2.50	2.00			
	3/18/2013	2.50	2.00			
	1/17/2014	2.50	2.00			
	5/28/2015	2.50	2.25			
	3/15/2016	2.50	2.25			
	2/2/2017	2.25	2.25			
	2/7/2017	1.50	1.00			
	1/28/2019	2.50	2.25			
	1/20/2021	2.50	2.25			
	4/5/2022	2.50	2.25			
2/5/2023	2.50	2.25				
1/30/2024	1.75	2.50				
79	1/28/2008	2.70				
	2/15/2008	2.70				
	12/7/2009	2.75				
	2/15/2011	2.75				
	1/9/2014	2.75				
	5/27/2015	2.75				
	2/18/2016	2.75				
	10/17/2016	2.75				
	12/14/2017	2.75				
	3/15/2019	2.75				
	2/5/2020	2.75				
	3/25/2021	2.75				
	2/7/2022	3.00				
	2/9/2023	3.00				
3/11/2024	2.75					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
82	4/1/2010	1.75				
	3/10/2015	1.75				
	2/18/2016	1.50				
	10/25/2016	1.75				
	11/2/2017	2.75				
	3/22/2019	1.25				
	1/10/2020	1.25				
	2/17/2021	1.25				
	2/7/2022	1.25				
	1/30/2023	1.25				
3/11/2024	1.25					
83	10/10/2007	1.00	0.90	0.90	0.90	1.70
	1/17/2008	1.00	0.85	0.90	0.85	1.75
	9/29/2008	1.50	0.90	0.80	1.00	0.90
	9/28/2009	1.60	0.90	0.80	0.90	0.80
	9/3/2010	1.80	1.00	0.90	1.00	0.90
	8/17/2011	1.75	1.00	1.00	1.00	1.00
	10/22/2013	1.70	1.00	0.90	1.00	0.85
	11/12/2013	1.50	0.75	0.75	0.75	0.75
	12/2/2014	1.25	0.75	0.75	0.75	0.75
	11/11/2015	1.25	0.75	0.50	0.75	0.75
	10/17/2016	1.75	1.00	0.80	1.00	0.80
	12/12/2017	1.00	1.00	1.00	1.00	0.90
	3/22/2019	1.00	0.75	1.00	1.00	1.00
	2/21/2020	1.00	0.75	1.00	1.00	1.00
	1/22/2021	1.50	1.00	1.00	1.25	1.00
	2/8/2022	1.00	0.80	1.00	1.00	1.50
	2/23/2023	1.00	1.00	1.00	1.00	1.50
1/30/2024	1.50	0.75	0.75	0.75	0.75	
84	10/8/2007	2.50				
	11/4/2008	2.50				
	12/8/2009	2.50				
	11/10/2010	2.50				
	12/15/2011	2.50				
	3/19/2013	2.25				
	1/31/2014	1.00				
	12/5/2014	2.00				
	10/28/2015	2.00				
	10/26/2016	2.10				
	11/3/2017	2.00				
	12/18/2018	2.00				
	1/14/2020	2.25				
	2/17/2021	2.00				
2/7/2022	1.50					
1/30/2023	2.00					
1/31/2024	2.00					
85	10/11/2007	2.30				
	1/25/2008	2.25				
	9/30/2008	2.25				
	9/28/2009	2.25				
	11/10/2010	2.20				
	8/17/2011	2.25				
	2/25/2013	2.40				
	11/15/2013	2.25				
	2/17/2016	2.50				
	10/17/2016	2.25				
	10/30/2017	2.50				
	1/29/2019	2.50				
	2/20/2021	2.50				
	2/14/2022	2.50				
2/23/2023	2.50					
1/30/2024	2.25					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
86	10/10/2007	2.50				
	1/23/2008	2.50				
	9/29/2008	2.50				
	9/28/2009	2.25				
	9/3/2010	2.10				
	8/29/2011	2.50				
	2/25/2013	2.50				
	1/13/2014	2.50				
	12/2/2014	2.50				
	12/17/2015	2.50				
	10/17/2016	2.50				
	11/8/2017	2.50				
	1/28/2019	2.75				
	1/28/2020	2.75				
	1/4/2021	2.50				
2/15/2022	2.75					
1/30/2023	2.75					
1/30/2024	2.50					
87	1/28/2008	1.95				
	4/29/2009	2.00				
	6/11/2010	2.00				
	12/13/2011	2.00				
	11/3/2017	1.25				
	3/22/2019	1.25				
	2/22/2021	1.25				
	4/5/2022	1.25				
	5/5/2023	1.25				
5/22/2024	1.75					
88	4/29/2009	2.00				
	6/10/2010	1.50				
	1/24/2012	1.60				
	6/26/2012	1.50				
	1/9/2014	1.50				
	5/21/2015	1.50				
	12/17/2015	1.50				
	11/14/2016	1.50				
	10/31/2017	1.50				
	1/25/2019	1.50				
	1/8/2020	1.50				
	2/2/2021	1.50				
	2/10/2022	1.50				
2/20/2023	1.50					
3/12/2024	1.75					
89	9/28/2009	0.15	0.15	0.15	0.35	0.50
	11/10/2010	0.10	0.10	0.10	0.20	0.20
	8/17/2011	0.20	0.20	0.20	0.50	0.50
	11/6/2012	0.15	0.25	0.25	0.75	1.00
	2/7/2014	0.25	0.25	0.25	0.25	1.25
	12/4/2014	0.25	0.25	0.25	0.75	1.25
	3/15/2016	0.25	0.25	0.25	0.75	1.25
	10/25/2016	0.25	0.25	0.25	0.75	1.25
	11/3/2017	0.25	0.25	0.25	0.50	1.25
	2/11/2019	0.25	0.25	0.25	2.50	2.50
	1/21/2020	0.25	0.25	0.25	1.75	2.50
	1/12/2021	0.25	0.25	0.25	1.75	2.25
	4/8/2022	0.25	0.25	0.25	1.75	2.25
	2023	Not Inspected	Not Inspected	Not Inspected	Not Inspected	Not Inspected
	3/11/2024	0.20	0.25	0.20	0.75	2.50



Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
91	5/5/2010	1.20	0.25			
	6/16/2011	1.25	0.25			
	6/25/2012	1.50	0.25			
	11/15/2013	1.25	0.25			
	3/25/2016	1.25	0.25			
	10/31/2016	1.50	0.25			
	11/3/2017	1.25	0.25			
	1/28/2019	0.75	0.50			
	1/24/2020	0.50	0.50			
	2/24/2021	0.50	0.50			
	2/21/2023	0.50	0.50			
	5/10/2024	0.60	0.00			
	5/17/2024	0.60	0.25			
93	4/29/2009	2.20				
	6/10/2010	0.80				
	2/15/2011	1.00				
	6/26/2012	1.00				
	11/12/2013	0.75				
	12/3/2014	1.00				
	2/17/2016	1.75				
	10/19/2016	0.75				
	11/3/2017	0.75				
	1/28/2019	1.00				
	1/8/2020	1.00				
	1/12/2021	1.00				
	2022	Not Inspected				
2023	Not Inspected					
2024	Not Inspected					
95	5/28/2009	1.25	1.00			
	6/22/2010	1.10	1.00			
	1/24/2012	1.25	1.00			
	3/19/2013	1.25	1.25			
	2/27/2013	1.25	1.25			
	3/12/2015	1.00	1.25			
	2/17/2016	1.50	1.25			
	11/3/2016	1.30	1.25			
	10/30/2017	1.50	1.50			
	3/22/2019	1.50	1.50			
	2/4/2020	1.25	1.25			
	2/2/2021	1.50	1.25			
	4/5/2022	1.25	1.25			
	2/23/2023	1.50	1.25			
5/9/2024	1.25	1.25				
96	12/10/2009	2.50				
	1/20/2011	2.75				
	12/13/2011	1.60				
	3/19/2013	0.25				
	11/15/2013	1.00				
	3/25/2016	1.25				
	10/25/2016	1.00				
	10/31/2017	1.50				
	2/12/2019	1.50				
	1/14/2020	1.25				
	2/14/2021	1.50				
	1/30/2023	1.50				
5/9/2024	1.25					

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
97a	12/13/2011	2.00	0.50			
	4/18/2013	2.00	0.50			
	2/7/2014	2.00	0.50			
	3/12/2015	2.00	0.50			
	2/18/2016	2.00	0.50			
	10/24/2016	2.00	0.50			
	12/11/2017	2.00	0.50			
	1/29/2019	2.00	0.50			
	2/18/2020	2.00	0.75			
	2/11/2021	2.00	0.75			
	3/11/2022	2.00	2.75			
	4/6/2023	2.00	0.75			
	3/12/2024	2.00	0.50			
97b	2/7/2008	2.05				
	9/29/2008	2.00				
	9/28/2009	2.25				
	11/10/2010	2.05				
	12/13/2011	1.70				
	4/18/2013	2.00				
	2/7/2014	2.25				
	2/18/2016	2.00				
	10/24/2016	1.75				
	12/11/2017	2.00				
	1/30/2019	1.75				
	2/6/2020	2.00				
	2/20/2021	2.00				
	2/7/2022	2.10				
	4/6/2023	2.10				
3/12/2024	2.00					
4/10/2024	2.00					
98	11/19/2009	1.20	1.00			
	2/15/2011	1.25	1.00			
	2/7/2014	1.25	1.00			
	3/13/2015	1.25	1.00			
	2/17/2016	1.25	1.00			
	10/19/2016	1.50	1.00			
	12/11/2017	1.25	1.00			
	1/28/2019	1.25	1.00			
	1/14/2020	1.25	1.00			
	3/14/2021	1.25	1.00			
	3/11/2022	1.25	1.00			
	6/12/2023	1.25	1.00			
	5/10/2024	1.25	1.00			
99	11/6/2008	0.60	0.50	0.75		
	9/28/2009	0.60	0.50	0.75		
	11/10/2010	0.50	0.40	0.60		
	12/13/2011	0.50	0.50	0.50		
	4/19/2013	0.50	0.50	0.50		
	2/26/2014	0.25	0.25	0.50		
	12/4/2014	0.25	0.50	0.50		
	3/25/2016	0.25	0.25	0.25		
	1/18/2017	0.25	0.25	0.25		
	3/22/2019	0.50	1.00	0.50		
	2/15/2020	0.50	1.00	0.50		
	2/10/2021	0.50	1.00	0.50		
	2/7/2022	0.50	0.50	0.50		
	2/23/2023	0.50	0.50	0.50		
	3/12/2024	0.50	0.40	0.50		

Table 2

**Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York**

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
100	1/30/2008	0.65				
	2/15/2008	0.65				
	1/14/2009	0.80				
	1/21/2010	0.75				
	2/15/2011	0.60				
	1/12/2012	0.60				
	10/22/2012	0.65				
	2/7/2014	0.50				
	5/21/2015	0.50				
	10/28/2015	0.50				
	12/14/2016	0.50				
	10/30/2017	0.75				
	2/1/2019	0.50				
	1/22/2020	0.75				
	4/6/2021	0.75				
	2/7/2022	0.75				
1/30/2023	1.50					
6/28/2024	0.50					
102	1/25/2008	Not Installed	Not Installed			
	11/5/2008	4.00	5.00			
	4/29/2009	4.00	5.00			
	5/5/2010	4.00	5.00			
	1/12/2012	5.00	4.00			
	3/19/2013	5.00	4.00			
	1/9/2014	4.00	5.00			
	3/12/2015	4.00	5.00			
	3/28/2016	5.00	4.00			
	10/17/2016	4.00	5.00			
	10/30/2017	5.00	5.00			
	2/1/2019	5.00	5.00			
	1/14/2020	5.00	5.00			
	1/27/2021	5.00	5.00			
	2/7/2022	5.00	5.00			
	1/30/2023	5.00	5.00			
5/8/2024	5.00	5.00				
103	1/23/2008	2.25				
	4/29/2009	2.30				
	5/5/2010	2.25				
	6/16/2011	2.25				
	6/26/2012	2.25				
	1/17/2014	2.50				
	5/12/2015	2.25				
	2/19/2016	2.25				
	11/2/2016	2.25				
	11/3/2017	2.25				
	2/28/2019	2.25				
	1/14/2020	2.50				
	2/2/2022	2.50				
	2023	Not Inspected				
3/11/2024	2.50					
104	12/7/2009	1.00	1.00			
	12/15/2011	1.00	1.00			
	6/26/2012	1.50	1.40			
	4/19/2013	1.00	1.00			
	2/7/2014	1.25	1.25			
	3/12/2015	1.25	1.25			
	2/19/2016	1.25	1.75			
	12/19/2016	1.50	1.75			
	10/30/2017	1.50	1.75			
	1/28/2019	1.25	2.25			
	1/8/2020	1.25	2.25			
	1/10/2021	1.25	2.25			
	11/10/2021	1.25	2.25			
	2/20/2023	1.25	2.25			
	2024	Not Inspected	Not Inspected			

Table 2

Historical Manometer Readings  
Former Emerson Power Transmission Site  
Ithaca, New York

Property ID	Date	Manometer 1	Manometer 2	Manometer 3	Manometer 4	Manometer 5
107	6/10/2010	0.50				
	8/17/2011	0.40				
	2/25/2013	0.20				
	2/4/2014	0.50				
	3/25/2016	0.75				
	10/26/2016	0.80				
	12/11/2017	1.00				
	1/28/2019	0.75				
	1/14/2020	0.75				
	4/6/2022	0.75				
	2023	Not Inspected				
	2024	Not Inspected				

# APPENDIX

## A INSPECTION LOGS



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 2

Date: \_\_\_\_\_ 3/21/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1027

Weather Conditions: \_\_\_\_\_ 23F, light snow

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues. Previous repairs stable

**Foundation Walls** light spauling observed on east wall of home between basement and crawl space. Area still well sealed

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.10	Working well
Manometer #2	1.75	Working well
Manometer #3	1.25	Working well
Manometer #4		
Manometer #5		

**Notable Observations:**

N/A

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 5

Date: \_\_\_\_\_ 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): *Kevin Griswold* *Nate Pavlick*

Departure Time: \_\_\_\_\_ 1030

Weather Conditions: 55F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M     X    

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan**                      No issues with Fan. Minor cosmetic damage to fan box cover.

**Piping**                      No observed issues

**Manometer(s)**              Manometer #1 clogged with debris and overfilled with fluid.

**Exhaust Stack**              No observed issues

**Concrete Floor**              15 foot crack from furnace to breaker panel box and 10 foot crack in front of water heater.

**Foundation Walls**              No observed issues

**Sump(s)**                      N/A

**Dranjer(s)**                      N/A

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	3.50 at initial visit. 1.50 after visit on 4/10/24	Clogged with debris and overfilled at initial visit. Works well following replacement on 04/10/2024.
Manometer #2	0.80 at initial visit. 1.00 after visit on 04/10/24	<b>Working well</b>
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Crack sealing and replacement of manometer #1 completed with EnviroSAFE on 04/10/2024. Vacuum readings taken following these repairs.

**SYSTEM MAINTENANCE**

**Equipment**                      Crack sealant, new manometer

**Reason for Maintenance**              25 liner feet of cracks observed in concrete floor. Manometer #1 clogged with debris and overfilled with fluid.

**Description of Maintenance Action**              Cracks sealed with polyurethane sealant and manometer replaced by EnviroSAFE on 04/10/2024

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 7

Date: \_\_\_\_\_ 5/14/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1025

Weather Conditions: \_\_\_\_\_ 57F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** Previous 6 foot crack repair needs resealing

**Foundation Walls** No observed issues

**Sump(s)** 1 working well

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues. Crack sealing completed by EnviroSAFE on 7/11/2024. No change in manometer reading.

**SYSTEM MAINTENANCE**

**Equipment** Polyurthane sealant

**Reason for Maintenance** Previous crack sealing repair failure.

**Description of Maintenance Action** EnviroSAFE completed crack sealing on 07/11/2024.



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 9

Date: \_\_\_\_\_ 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1325

Weather Conditions: 54F, Sunny

Reason for Visit (check all that apply):

Annual O&M     X    

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan**                      **No observed issues**

**Piping**                      **No observed issues**

**Manometer(s)**              **No observed issues**

**Exhaust Stack**              **No observed issues**

**Concrete Floor**              **No observed issues**

**Foundation Walls**              **No observed issues**

**Sump(s)**                      **N/A**

**Dranjer(s)**                      **2 clear**

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.60	<b>Working well</b>
Manometer #2	0.60	<b>Working well</b>
Manometer #3	2.25	<b>Working well</b>
Manometer #4	1.50	<b>Working well</b>
Manometer #5	0.60	<b>Working well</b>

**Notable Observations:**

N/A

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 12

Date: \_\_\_\_\_ 7/2/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1215

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1315

Weather Conditions: \_\_\_\_\_ 75F, Mostly Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** 1 cold weather rated vacuum gauge nonfunctional

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Nonfunctional at initial visit. WSP replaced on 07/26/24
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

WSP observed a nonfunctional vacuum gauge located on the exterior of the home. Gauge failure due to internal corrosion. Homeowner states they intend to complete a basement renovation during the fall or winter of 2024 / 2025. Inspector asked homeowner to notify WSP of scheduling to minimize impact to system operation and components. Inspector notified WSP project manager via email. WSP replaced the gauge with new Dwyer model Magnehelic 2003-LT on 7/26/2024.

**SYSTEM MAINTENANCE**

**Equipment** Screw Driver, New vacuum gauge

**Reason for Maintenance** Nonfunctional vacuum gauge.

**Description of Maintenance Action** WSP replaced gauge with new Dwyer Magnehelic 2003-LT on 07/26/2024

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 14

Date: \_\_\_\_\_ 7/8/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1730

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1745

Weather Conditions: \_\_\_\_\_ 85F, Mostly Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 10 linear feet of cracking observed

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.50	Working well
Manometer #2	1.20	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Concrete floor requires crack sealing. EnviroSAFE completed required sealing on 07/11/2024. No change in vacuum readings after repair.

**SYSTEM MAINTENANCE**

**Equipment** Polyurethane Sealant

**Reason for Maintenance** 10 linear feet of cracking observed in concrete floor

**Description of Maintenance Action** EnviroSAFE completed required crack sealing on 07/11/2024

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 17

Date: \_\_\_\_\_ 7/8/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1800

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1815

Weather Conditions: \_\_\_\_\_ 85F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues. Previous crack sealing stable

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.80	Working Well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 21

Date: \_\_\_\_\_ 3/13/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0928

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0945

Weather Conditions: \_\_\_\_\_ 51F, Partly Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 4 foot crack starting at back side of furnace. 2 foot crack across doorway.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2	1.20	Working well
Manometer #3	1.00	Working well
Manometer #4	1.15	Working well
Manometer #5		

**Notable Observations:**

Crack sealing completed by EnviroSAFE on 04/10/2024. Manometer readings stayed the same.

**SYSTEM MAINTENANCE**

**Equipment** Polyurethane sealant

**Reason for Maintenance** Visual cracking in concrete floor

**Description of Maintenance Action** EnviroSAFE completed required crack sealing on 04/10/2024

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 24

Date: \_\_\_\_\_ 3/21/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0800

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0815

Weather Conditions: \_\_\_\_\_ 38F, Partly Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

(24) -

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** Existing crack repairs stable. No observed issues

**Foundation Walls** No observed issues

**Sump(s)** 1 working well

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well
Manometer #2	1.60	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues.

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 25

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1400

Inspector (sign): Will Dolan / Kevin Griswold

Departure Time: \_\_\_\_\_ 1435

Weather Conditions: \_\_\_\_\_ 30F, Overcast

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

No issues noted by homeowner.

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 26

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1600

Inspector (sign): Will Dolan

Departure Time: \_\_\_\_\_ 1615

Weather Conditions: \_\_\_\_\_ Overcast 30F

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** 1 Strap needs to be replaced.

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.50	Working Well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues. Broken strap was replaced by Envirosafe on 04/10/2024.

SYSTEM MAINTENANCE

**Equipment** Step ladder, power drill, new strap

**Reason for Maintenance** Pipe strap on the exhaust stack is broken.

**Description of Maintenance Action** Envirosafe replaced the broken strap on 04/10/2024



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 27

Date: \_\_\_\_\_ 5/9/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0853

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0923

Weather Conditions: \_\_\_\_\_ 49F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues.

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 29

Date: \_\_\_\_\_ 3/13/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1025

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1045

Weather Conditions: \_\_\_\_\_ 54F, Partly Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? Yes

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	0.50	Working well
Manometer #2	1.00	Working well
Manometer #3	0.25	Working well
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues.

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 30

Date: \_\_\_\_\_ 5/10/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0755

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0820

Weather Conditions: \_\_\_\_\_ 49F, Rain

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.60	Working well
Manometer #2	1.75	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 31

Date: \_\_\_\_\_ 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1430

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1445

Weather Conditions: 55F, Sunny

Reason for Visit (check all that apply):

Annual O&M     X    

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan**                      **No observed issues**

**Piping**                      **No observed issues**

**Manometer(s)**              **No observed issues**

**Exhaust Stack**              **No observed issues**

**Concrete Floor**              **No observed issues**

**Foundation Walls**              **No observed issues**

**Sump(s)**                      **N/A**

**Dranjer(s)**                      **Clear**

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 32

Date: 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: 1530

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: 1630

Weather Conditions: 42F, Sunny

Reason for Visit (check all that apply):

Annual O&M   X  

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan**                    2 of 3 functional. One exhaust fan on SW wall not functioning.

**Piping**                No observed issues

**Manometer(s)**        Manometer #2 functioning well. Manometer #1 and #3 are attached to dead fan so read 0" WC at initial visit.

**Exhaust Stack**        No observed issues

**Concrete Floor**        No observed issues

**Foundation Walls**    No observed issues

**Sump(s)**                No observed issues

**Dranjer(s)**             N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Working Well. Taken after fan replacement on 04/10/2024
Manometer #2	1.50	Working Well
Manometer #3	0.75	Working Well. Taken after fan replacement on 04/10/2024
Manometer #4		
Manometer #5		

**Notable Observations:**

Model HP-220 fan attached to suction points 1 & 3 needs to be replaced. Fan does not operate and instantly trips breaker when reset. Fan subsequently replaced on 04/10/24 with Envirosafe.

**SYSTEM MAINTENANCE**

**Equipment**            Step ladder, power drill.

**Reason for Maintenance**    Dead HP-220 fan found during annual O&M visit

**Description of Maintenance Action**    Replaced Fan on 04/10/2024 with new model RN3 with manufacturing date of Feb. 2024

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 33

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1450

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1510

Weather Conditions: 41F, Sunny & Windy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues.

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 37

Date: \_\_\_\_\_ 3/13/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0858

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0925

Weather Conditions: \_\_\_\_\_ 46F, Partly Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 4 cracks of 5 foot length radiating from around water heater. 3 foot long crack around suction point 2.

**Foundation Walls** No observed issues

**Sump(s)** 1 Working Well

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.75	Working well
Manometer #2	0.60	Working well. Cracks seen close to suction point
Manometer #3	1.50	Working well
Manometer #4		
Manometer #5		

**Notable Observations:**

Crack sealing completed by Envirosafe on 04/10/2024. Manometer #2 reads 0.75" after repairs. Manometer 1 and 3 have no change.

**SYSTEM MAINTENANCE**

**Equipment** Polyuruthane sealant

**Reason for Maintenance** Cracks visible in concrete floor

**Description of Maintenance Action** Crack sealing completed by Envirosafe on 04/10/2024.


Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 38

Date: \_\_\_\_\_ 4/4/2023

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1020

Weather Conditions: \_\_\_\_\_ 42F, clear

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.25	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_



Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 44

Date: \_\_\_\_\_ 5/9/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0755

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0835

Weather Conditions: \_\_\_\_\_ 48F, Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** Manometer #3 in crawl sapce reads 0 due to possible stuck knife valve.

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.75	Working well
Manometer #2	0.75	Working well
Manometer #3	0.00	Working well after knife value reopened on 05/14/24
Manometer #4		
Manometer #5		

**Notable Observations:**

Manometer #3 in crawl space reads 0 due to possible stuck knife valve above suction point. WSP returned to the property on 05/14/24 and successfully reopened the valve. Readings after the repair include #1: 0.50" WC, #2: 0.60" WC, and #3: 0.50" WC. Homeowner states no issues after system maintenance.

**SYSTEM MAINTENANCE**

**Equipment** N/A

**Reason for Maintenance** Reading of 0" WC at Suction Point #3

**Description of Maintenance Action** WSP reopened stuck knife valve on 05/14/24

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 46

Date: \_\_\_\_\_ 7/3/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0930

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0950

Weather Conditions: \_\_\_\_\_ 73F, Partly Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** No observed issues

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2	1.00	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

N/A

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 49

Date: \_\_\_\_\_ 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1050

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1115

Weather Conditions: 46F, Sunny

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X** \_\_\_\_\_

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.40	Working well
Manometer #2	2.25	Working well
Manometer #3	1.40	Working well
Manometer #4	2.50	Working well
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 52

Date: \_\_\_\_\_ 6/28/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1015

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1140

Weather Conditions: \_\_\_\_\_ 68F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** Off at initial visit. Quiet and no observed issues after switch reset.

**Piping** No observed issues

**Manometer(s)** Air pocket observed in manometer due to system being turned off by homeowner.

**Exhaust Stack** No observed issues. Homeowner states the stack is loud next to a second story bedroom window.

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Refilled due to air pocket. Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

During the annual inspection, WSP observed the system was turned off by the homeowner due to noise complaints from the exhaust stack passing next to a bedroom window. Due to the system being off, an air pocket was seen in the manometer. WSP restarted the system on the same day and the manometer fluid was replaced. WSP consulted with homeowner about the importance of leaving the system on. EnviroSAFE successfully installed a noise reducing muffler to the stack on 07/11/2024. Homeowners were not present during the second repair to provide access for additional vacuum readings.

**SYSTEM MAINTENANCE**

**Equipment** Manometer Fluid, Extension Ladder, Muffler

**Reason for Maintenance** Air pocket in manometer after extended period of system being turned off by homeowner. Noise complaints

**Description of Maintenance Action** Restarted system and refilled manometer on 6/28/24. EnviroSAFE installed a muffler on 7/11/24.

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 57

Date: \_\_\_\_\_ 1/31/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0900

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0920

Weather Conditions: \_\_\_\_\_ 32F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** 1 Sump Working Well

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner reports no issues

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**


Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 59

Date: \_\_\_\_\_ 2/21/2023

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1200

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1230

Weather Conditions: \_\_\_\_\_ Cloudy 36F

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** Manometer fluid low

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	3.00	Working well
Manometer #2	1.75	Working well
Manometer #3	2.75	Working well
Manometer #4	0.25	Working well
Manometer #5		

**Notable Observations:**

Manometer fluid low

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** Manometer fluid low

**Description of Maintenance Action** Manometer fluid replaced on 2/21/2023


Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 61

Date: \_\_\_\_\_ 2/10/2023

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1320

Weather Conditions: \_\_\_\_\_ 32 F

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 62

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1400

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1418

Weather Conditions: 40F, Sunny

Reason for Visit (check all that apply):

Annual O&M     X    

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** Broken outer case. Fan shroud and piping intact. Cosmetic repair needed.

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.30	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Broken fan cover will need to be replaced. The fan cover was replaced by EnviroSAFE on 4/10/2024.

**SYSTEM MAINTENANCE**

**Equipment** Screw driver, new fan cover

**Reason for Maintenance** Existing fan cover is damaged.

**Description of Maintenance Action** EnviroSAFE replaced the fan cover on 4/10/2024.



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 63

Date: \_\_\_\_\_ 4/5/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1500

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1600

Weather Conditions: \_\_\_\_\_ 37F, Light Rain

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** No observed issues

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues.

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 65

Date: \_\_\_\_\_ 3/28/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1030

Weather Conditions: \_\_\_\_\_ 36F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** Broken fan switch receptacle plate

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.40	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

N/A

**SYSTEM MAINTENANCE**

**Equipment** N/A

**Reason for Maintenance** Broken fan switch receptacle plate with warning labels

**Description of Maintenance Action** Envirosafe replaced switch cover plate on 07/11/2024


Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 66

Date: \_\_\_\_\_ 1/30/2023

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1400

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1420

Weather Conditions: \_\_\_\_\_ 30F Rainy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Unit is vacant

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 67

Date: \_\_\_\_\_ 5/3/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1530

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1600

Weather Conditions: \_\_\_\_\_ 75F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.60	Working well
Manometer #2	1.50	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no concerns

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 68

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 0900

Inspector (sign): \_\_\_\_\_ *Will Dolan*

Departure Time: \_\_\_\_\_ 0945

Weather Conditions: \_\_\_\_\_ 30F, Overcast

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** Manometer fluid low

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

No issues noted by homeowner.

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 71

Date: \_\_\_\_\_ 6/19/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1055

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1120

Weather Conditions: \_\_\_\_\_ 86F, Sunny

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** No observed issues

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	0.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 73

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 0900

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 0920

Weather Conditions: 30F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M  \_\_\_\_\_

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues. Homeowner states noise complaint from fan assembly by their neighbor.

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	14.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues but notes complaint from neighbor about fan noise. Fans are operating normally. On July 11, 2024, new Low-Durometer, Vibration-isolating (LDVI) couplings were installed by EnviroSAFE for noise reduction.

**SYSTEM MAINTENANCE**

**Equipment** Step ladder, screw driver, saw, LDVI couplings

**Reason for Maintenance** Fan noise complaints from homeowners neighbor.

**Description of Maintenance Action** Replaced existing couplings around fans with new LDVI couplings for noise reduction

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 74

Date: \_\_\_\_\_ 3/21/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1100

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1125

Weather Conditions: \_\_\_\_\_ 23F, Light Snow

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 3 linear feet of cracking observed starting from the end of a previous repair.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Envirosafe completed required crack sealing on 7/11/2024. Vaccum readings did not change after repair.

**SYSTEM MAINTENANCE**

**Equipment** Polyurethane Sealant

**Reason for Maintenance** Cracking observed in concrete floor

**Description of Maintenance Action** Envirosafe completed required crack sealing on 7/11/2024.



Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 76

Date: \_\_\_\_\_ 3/21/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1320

Weather Conditions: \_\_\_\_\_ 24F, Light Snow

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.30	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 78

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): Will Dolan / Kevin Griswold

Departure Time: \_\_\_\_\_ 1315

Weather Conditions: \_\_\_\_\_ 30F, Overcast

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well. Missing label, WSP corrected during visit
Manometer #2	2.50	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues.

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 79

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1100

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1120

Weather Conditions: 34F, Sunny

Reason for Visit (check all that apply):

Annual O&M     X    

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan**                      **No observed issues**

**Piping**                      **No observed issues**

**Manometer(s)**              **No observed issues**

**Exhaust Stack**              **No observed issues**

**Concrete Floor**              **No observed issues**

**Foundation Walls**              **No observed issues**

**Sump(s)**                      **N/A**

**Dranjer(s)**                      **N/A**

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 82

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 0800

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 0820

Weather Conditions: 28F, Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** Quiet \_\_\_\_\_

**Piping** No observed issues \_\_\_\_\_

**Manometer(s)** No observed issues \_\_\_\_\_

**Exhaust Stack** No observed issues \_\_\_\_\_

**Concrete Floor** No observed issues \_\_\_\_\_

**Foundation Walls** No observed issues \_\_\_\_\_

**Sump(s)** N/A \_\_\_\_\_

**Dranjer(s)** N/A \_\_\_\_\_

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Functioning well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 83

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1500

Inspector (sign): Will Dolan / Kevin Griswold

Departure Time: \_\_\_\_\_ 1530

Weather Conditions: \_\_\_\_\_ 30F, Overcast

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 20 linear feet of cracks observed in eastern section of home.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.50	Working well
Manometer #2	0.75	Working well
Manometer #3	0.75	Working well
Manometer #4	0.75	Working well
Manometer #5	0.75	Working well

**Notable Observations:**

Envirosafe completed required crack sealing on 04/10/2024.

**SYSTEM MAINTENANCE**

**Equipment** Polyuruthane Sealent

**Reason for Maintenance** Cracking observed in cocncrete floor

**Description of Maintenance Action** Envirosafe completed required crack sealing on 04/10/2024

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 84

Date: \_\_\_\_\_ 1/31/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1020

Weather Conditions: \_\_\_\_\_ 34F, Partly Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues.

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 85

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1000

Inspector (sign): Will Dolan / Kevin Griswold

Departure Time: \_\_\_\_\_ 1030

Weather Conditions: \_\_\_\_\_ 30F, Overcast

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** hairline cracks observed on surface coating. No evidence of moisture accumulation from under the slab.

**Foundation Walls** Moisture observed accumulating at base of foundation walls in SE corner.

**Sump(s)** 1 working well

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.25	<b>Working well</b>
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner concerned with water intrusion into basement from SE corner of basement wall. No cracks observed, however moisture can be seen. Area of intrusion includes portion of raised flooring. Water pools in NW corner near hot water tank. Homeowner to provide photos and videos of storm events. Inspectors to follow up with Project Manager.

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 86

Date: \_\_\_\_\_ 1/30/2024

Inspector (print): \_\_\_\_\_ Will Dolan & Kevin Griswold

Arrival Time: \_\_\_\_\_ 1055

Inspector (sign): Will Dolan / Kevin Griswold

Departure Time: \_\_\_\_\_ 1110

Weather Conditions: \_\_\_\_\_ Overcast, 30F

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	2.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

No issues noted by homeowner

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 87

Date: \_\_\_\_\_ 5/22/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1355

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1415

Weather Conditions: \_\_\_\_\_ 84F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** Broken strap at roofline 30 feet above grade.

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

WSP observed a broken strap located at the roofline of the home. EnviroSAFE successfully replaced the strap on 7/11/2024. Homeowner was not present during repair to provide access for additional vacuum readings.

**SYSTEM MAINTENANCE**

**Equipment** Extension Ladder, Power Drill

**Reason for Maintenance** Broken pipe strap at roofline of home

**Description of Maintenance Action** EnviroSAFE replaced the broken strap on 7/11/2024

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 88

Date: \_\_\_\_\_ 2/20/2023

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 0800

Inspector (sign): *Kevin Griswold* *Nate Pavlick*

Departure Time: \_\_\_\_\_ 0815

Weather Conditions: 33F, Sunny

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 89

Date: 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: 1000

Inspector (sign): *Kevin Griswold* *Nate Pavlick*

Departure Time: 1021

Weather Conditions: 33F, Windy

Reason for Visit (check all that apply):

Annual O&M   X  

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan**                    **No observed issues**

**Piping**                **No observed issues**

**Manometer(s)**        **No observed issues**

**Exhaust Stack**       **No observed issues**

**Concrete Floor**      **No observed issues**

**Foundation Walls**   **No observed issues**

**Sump(s)**              **N/A**

**Dranjer(s)**            **No observed issues**

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.20	<b>Working well</b>
Manometer #2	0.25	<b>Working well</b>
Manometer #3	0.20	<b>Working well</b>
Manometer #4	0.75	<b>Working well</b>
Manometer #5	2.50	<b>Working well</b>

**Notable Observations:**

Homeowner states no issues.

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 91

Date: \_\_\_\_\_ 5/10/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0930

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1000

Weather Conditions: \_\_\_\_\_ 51F, Rain

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** Manometer 2 reading 0 due to clog in tube at initial visit

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.60	Working well
Manometer #2	0.25	Working well following cleaning on 05/17/2024
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Manometer #2 reading 0 due to clog in tube. WSP returned to replace fluid and clean manometer on 05/17/2024.

**SYSTEM MAINTENANCE**

**Equipment** Brissle Brush, Manometer Fluid

**Reason for Maintenance** Manometer #2 was clogged with debris and reading incorrectly.

**Description of Maintenance Action** WSP drained and refilled manometer on 05/17/2024

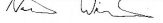
Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 93

Date: \_\_\_\_\_ 1/12/2021

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1500

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1525

Weather Conditions: \_\_\_\_\_ 23 F, clear

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** Rattles in the wind, needs new brackets

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

SYSTEM MAINTENANCE

**Equipment** N/A

**Reason for Maintenance** N/A

**Description of Maintenance Action** N/A

Operational Checklist  
**VAPOR INTRUSION MITIGATION SYSTEM**  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 95

Date: \_\_\_\_\_ 5/9/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0958

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1113

Weather Conditions: \_\_\_\_\_ 52F, Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues with fan. Fan box exterior cover damaged and needs to be replaced.

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2	1.25	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Exterior fan cover is damaged and needs to be replaced. Envirosafe completed replacement on 7/11/2024. Homeowner was not present during repair to provide access to home for additional vacuum readings.

**SYSTEM MAINTENANCE**

**Equipment** Step Ladder, Power Drill

**Reason for Maintenance** Damage to exterior fan cover.

**Description of Maintenance Action** Envirosafe replaced the fan cover on 7/11/2024

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 96

Date: \_\_\_\_\_ 5/9/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1130

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1200

Weather Conditions: \_\_\_\_\_ 57F, Cloudy

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** Observed partial foundation wall collapse adjacent to suction point 1. See note

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Observed partial stone foundation wall collapse adjacent to suction point 1. Collapse does not affect system operation at this time. Inspector confirmed collapse was not present during previous inspection in February 2023. Inspector notified rental property owner of findings and asked that WSP be informed when repairs are scheduled to insure continued operation of system adjacent to repair.

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: 97a

Date: 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: 1500

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: 1520

Weather Conditions: 57F, Sunny

Reason for Visit (check all that apply):

Annual O&M X

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Working well
Manometer #2	0.50	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_



Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: 97b

Date: 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: 1520

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: 1540

Weather Conditions: 58 F, Sunny

Reason for Visit (check all that apply):

Annual O&M X

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** 4 foot previously sealed crack needs to be resealed.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** Clear

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Crack sealing completed by Envirosafe on 04/10/2024.

**SYSTEM MAINTENANCE**

**Equipment** Polyurethane Sealant

**Reason for Maintenance** Previous crack repair failure in concrete floor

**Description of Maintenance Action** Envirosafe resealed with new sealant on 04/10/2024

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 98

Date: \_\_\_\_\_ 5/10/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1355

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1430

Weather Conditions: \_\_\_\_\_ 52F, Rain

**Reason for Visit (check all that apply):**

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** Previous 10 foot crack repair needs resealing by furnace.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2	1.00	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Envirosafe unable to complete repair during reporting period due to homeowner availability and scheduling conflicts. Vacuum readings remain consistent with previous yearly inspections; therefore, this repair is not considered critical to system operation and will be completed during the next reporting period and included in subsequent reports.

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 99

Date: \_\_\_\_\_ 3/12/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 0900

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 0925

Weather Conditions: 44F, Sunny

**Reason for Visit (check all that apply):**

Annual O&M     X    

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan**                      **No observed issues**

**Piping**                      **No observed issues. Piping well labeled.**

**Manometer(s)**              **No observed issues**

**Exhaust Stack**              **Broken roofline strap needs replacement**

**Concrete Floor**              **No observed issues**

**Foundation Walls**              **No observed issues**

**Sump(s)**                      **No observed issues**

**Dranjer(s)**                      **Clear**

**Sewer Pipe Sealed? Yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.50	<b>Working well</b>
Manometer #2	0.40	<b>Working well</b>
Manometer #3	0.50	<b>Working well</b>
Manometer #4		
Manometer #5		

**Notable Observations:**

Manometer #2 initially inaccessible. Property management to return with keys for access. Returned at 0945 for reading. Departed at 0954.  
 Roofline strap replaced with Envirosafe on 04/10/2024.

**SYSTEM MAINTENANCE**

**Equipment**                      Step ladder, Power Drill

**Reason for Maintenance**              Broken Roofline Strap

**Description of Maintenance Action**              Replaced Broken Strap with Envirosafe on 04/10/2024

Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 100

Date: \_\_\_\_\_ 6/28/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 0855

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 0915

Weather Conditions: \_\_\_\_\_ 60F, Sunny

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues. Previous repairs in good condition.

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** No observed Issues

**Sewer Pipe Sealed? yes**

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	0.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner states no issues

**SYSTEM MAINTENANCE**

**Equipment**

**Reason for Maintenance**

**Description of Maintenance Action**

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 102

Date: \_\_\_\_\_ 5/8/2024

Inspector (print): \_\_\_\_\_ Kevin Griswold

Arrival Time: \_\_\_\_\_ 1100

Inspector (sign): \_\_\_\_\_ *Kevin Griswold*

Departure Time: \_\_\_\_\_ 1125

Weather Conditions: \_\_\_\_\_ 73F, Sunny

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed? Yes**

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	5.00	Working well
Manometer #2	5.00	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Homeowner states no issues.

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_

Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 103

Date: \_\_\_\_\_ 3/11/2024

Inspector (print): Kevin Griswold & Nate Pavlick

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): *Kevin Griswold / Nate Pavlick*

Departure Time: \_\_\_\_\_ 1320

Weather Conditions: 40F, Sunny & Windy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X** \_\_\_\_\_

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
Comments

**Fan** No observed issues \_\_\_\_\_

**Piping** No observed issues \_\_\_\_\_

**Manometer(s)** No observed issues \_\_\_\_\_

**Exhaust Stack** No observed issues \_\_\_\_\_

**Concrete Floor** No observed issues \_\_\_\_\_

**Foundation Walls** No observed issues \_\_\_\_\_

**Sump(s)** N/A \_\_\_\_\_

**Dranjer(s)** N/A \_\_\_\_\_

**Sewer Pipe Sealed? Yes** \_\_\_\_\_

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	2.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

Homeowner state no issues.

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_


Operational Checklist  
 VAPOR INTRUSION MITIGATION SYSTEM  
 Emerson Power Transmission  
 Ithaca, New York

Property Address and ID: \_\_\_\_\_ 104

Date: \_\_\_\_\_ 2/20/2023

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1500

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1520

Weather Conditions: \_\_\_\_\_ Clear 42F

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

**MITIGATION SYSTEM INSPECTION CHECKLIST**  
 Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** No observed issues

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

**MANOMETER READINGS**

Location	Reading (Inches of Water)	Notes
Manometer #1	1.25	Working well
Manometer #2	2.25	Working well
Manometer #3		
Manometer #4		
Manometer #5		

**Notable Observations:**

N/A

**SYSTEM MAINTENANCE**

**Equipment** \_\_\_\_\_

**Reason for Maintenance** \_\_\_\_\_

**Description of Maintenance Action** \_\_\_\_\_


Operational Checklist  
VAPOR INTRUSION MITIGATION SYSTEM  
Emerson Power Transmission  
Ithaca, New York

Property Address and ID: \_\_\_\_\_ 107

Date: \_\_\_\_\_ 4/6/2022

Inspector (print): \_\_\_\_\_ Nathaniel Winston

Arrival Time: \_\_\_\_\_ 1300

Inspector (sign): \_\_\_\_\_ 

Departure Time: \_\_\_\_\_ 1325

Weather Conditions: \_\_\_\_\_ 56F Cloudy

Reason for Visit (check all that apply):

Annual O&M \_\_\_\_\_ **X**

Other \_\_\_\_\_

MITIGATION SYSTEM INSPECTION CHECKLIST  
Comments

**Fan** No observed issues

**Piping** No observed issues

**Manometer(s)** No observed issues

**Exhaust Stack** No observed issues

**Concrete Floor** No observed issues

**Foundation Walls** No observed issues

**Sump(s)** N/A

**Dranjer(s)** N/A

**Sewer Pipe Sealed?** N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	0.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment \_\_\_\_\_

Reason for Maintenance \_\_\_\_\_

Description of Maintenance Action \_\_\_\_\_