

EMERSON

2023 OPERATION, MAINTENANCE, AND MONITORING ANNUAL REPORT - VAPOR INTRUSION MITIGATION SYSTEMS

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

AUGUST 29, 2023





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

EMERSON

PROJECT NO.: 31405608.001
DATE: AUGUST 29, 2023

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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 2022-2023 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)
- 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 2022-2023 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.

1.1 SITE DESCRIPTION

The former EPT site comprises approximately 96 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 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.

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. 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.

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 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-four (54) were inspected during the reporting period as shown in Table 1.
- Five (5) were not inspected during the reporting period due to insufficient response from property owners or scheduling conflicts.

The five (5) residences not inspected include ID 12, ID 89, ID 93, ID 103 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, 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 Drainers (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 Drainer 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. 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 seven (7) residences. A description of the issue observed during the annual inspection and the completed work to correct each issue at the seven (7) properties is provided below:

- Property ID 25 – During the annual system inspection on February 10, 2023, WSP observed damage to the fan box. On April 13, 2023, the fan box was replaced.
- Property ID 37 – During the annual system inspection on February 21, 2023, WSP observed the manometer fluid was low; therefore, the manometer fluid was drained and replaced the same day.
- Property ID 49 – During the annual system inspection on February 7, 2023, WSP observed the fan was no longer working. On April 13, 2023 the fan was rewired and the fan box were replaced.
- Property ID 59 – During the annual system inspection on February 21, 2023, WSP observed the manometer fluid was low; therefore, the manometer fluid was drained and replaced the same day.
- Property ID 68 – During the annual system inspection on March 7, 2023, WSP observed the manometer fluid was low; therefore, the manometer fluid was drained and replaced the same day.
- Property ID 73 – During the annual inspection on February 20, 2023, WSP observed an extraction point valve was closed; therefore, the valve was reopened the same day.

- Property ID 88 – During the annual inspection on February 20, 2023, WSP observed a breaker was tripped causing the fan to not operate; therefore, the breaker was reset the same day.

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	212-465-5334
WSP Site Consultant	Daniel Cummings	412-375-0264
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

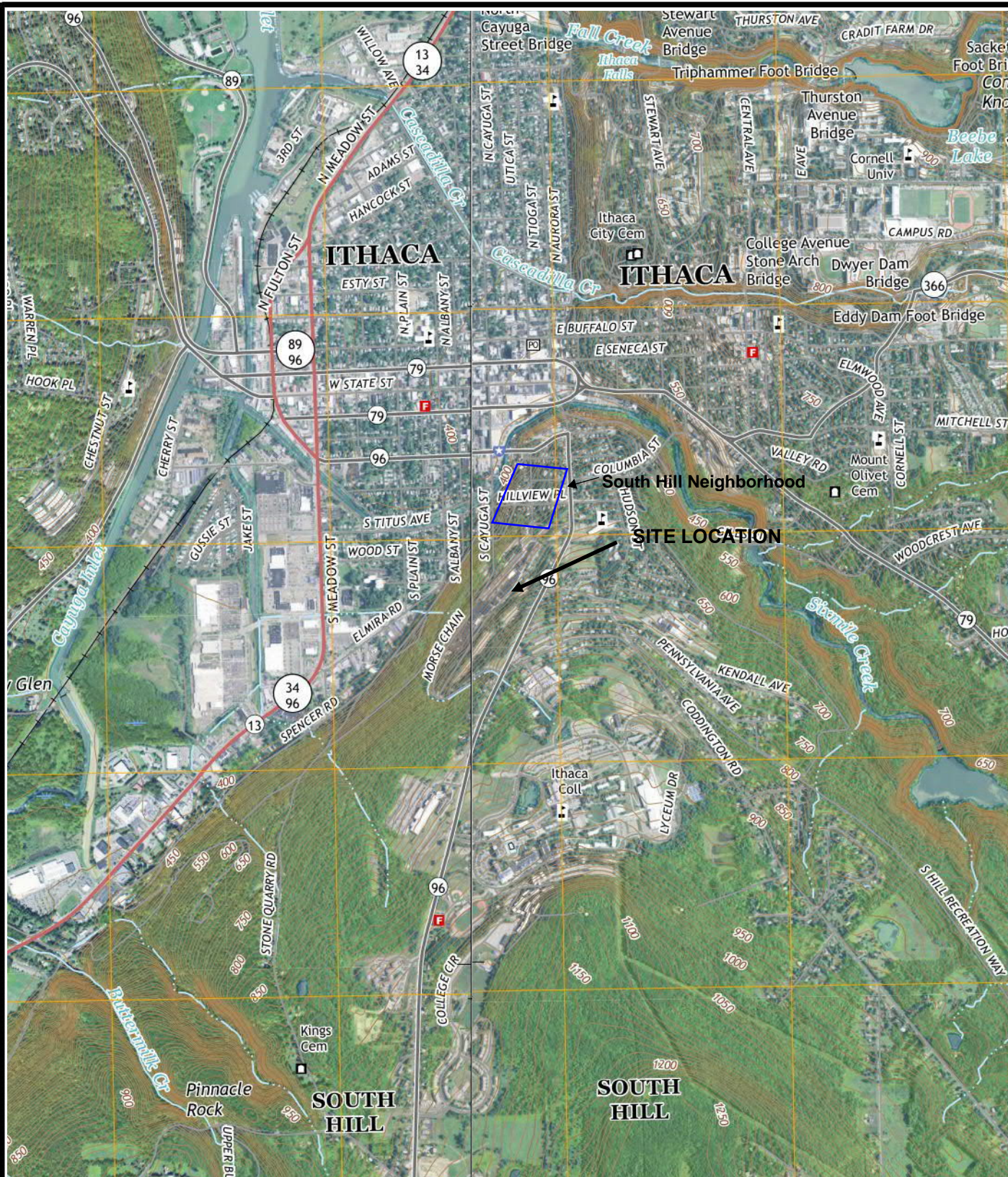
WSP USA
11 Stanwix Street, Suite 950
Pittsburgh, Pennsylvania 15222




Date

FIGURE

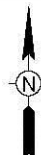




REFERENCE:
7.5 MINUTE SERIES TOPOGRAPHIC QUADRANGLE
ITHACA EAST AND WEST, NEW YORK 2016
SCALE 1:24,000



QUADRANGLE LOCATION



SCALE, FEET



WSP USA Inc.
13630 DULLES TECHNOLOGY DR
SUITE 300
HERNDON, VA 20171
TEL: +1 703.709.6500

FIGURE 1-1

SITE LOCATION

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

TABLES



Table 1

**Annual Inspection Summary
2023 Reporting Period
Emerson Power Transmission
Ithaca, New York**

ID	System Start	2023 Annual Inspections	Repair Required	Repair Completion	Note
	Date	Inspection Date	Yes/No	Date	
29	2/2/2005	1/30/2023	No		
83	2/6/2006	2/23/2023	No		
84	2/16/2006	1/30/2023	No		
78	3/29/2006	2/5/2023	No		
86	5/1/2006	1/30/2023	No		
33	5/4/2006	2/21/2023	No		
14	5/18/2006	1/30/2023	No		
68	5/18/2006	3/7/2023	Yes	3/7/2023	replaced manometer
85	6/6/2006	2/23/2023	No		
26	6/14/2006	1/30/2023	No		
61	6/26/2006	2/10/2023	No		
25	8/2/2006	2/10/2023	Yes	4/13/2023	fan box replaced
57	8/14/2006	2/9/2023	No		
74	8/21/2006	2/20/2023	No		
8	8/22/2006	OM&M Discontinued	No		
38	8/23/2006	4/4/2023	No		
76	8/28/2006	2/20/2023	No		
65	8/30/2006	2/20/2023	No		
62	9/7/2006	3/4/2023	No		
73	10/28/2006	2/20/2023	Yes	2/20/2023	valve reopened
79	3/27/2007	2/9/2023	No		
102	4/3/2007	1/30/2023	No		
87	4/4/2007	5/5/2023	No		
103	4/6/2007	Not Inspected	No		
66	9/21/2006, 5/17/2007	2/20/2023	No		
71	8/8/2006, 5/24/2007	3/1/2023	No		
100	7/9/2007	1/30/2023	No		
31	8/17/2006, 8/10/2007	2/23/2023	No		
97b	11/6/2007	4/6/2023	No		
88	11/17/2007	2/20/2023	Yes	2/20/2023	breaker reset
93	1/19/2008	Not Inspected	No		
96	3/19/2008	1/30/2023	No		
67	3/19/2008	3/3/2023	No		
95	6/20/2008	2/23/2023	No		
104	6/24/2008	2/20/2023	No		
99	8/7/2008	2/23/2023	No		
89	9/25/2008	Not Inspected	No		
98	12/5/2008	6/12/2023	No		
91	7/17/2008, 1/15/2009	2/21/2023	No		
107	1/16/2009	Not Inspected	No		
82	3/19/2009	1/30/2023	No		
44	3/25/2009	2/23/2023	No		
9	4/23/2009	2/23/2023	No		
37	4/23/2009	2/21/2023	Yes	2/21/2023	replaced manometer
21	5/13/2009	2/23/2023	No		
46	9/15/2009	2/23/2023	No		
32	12/2/2009	2/21/2023	No		
30	12/21/2009	5/19/2023	No		
17	4/30/2010	1/30/2023	No		
5	4/30/2010	2/21/2023	No		
59	7/19/2010	2/21/2023	Yes	2/21/2023	replaced manometer
27	7/19/2010	1/30/2023	No		
2	8/31/2010	1/30/2023	No		
97a	8/31/2010	4/6/2023	No		
52	11/9/2010	3/15/2023	No		
24	11/9/2010	3/7/2023	No		
49	11/9/2010	2/7/2023	Yes	4/13/2023	Fan rewired, fan box replaced
63	12/2/2010	2/21/2023	No		
7	5/10/2011	1/30/2023	No		
12	10/20/2017	Not Inspected	No		

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
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		
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
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				
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			

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				
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				
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			
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				

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
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				
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				
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				
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				

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
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				
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				
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	2.25				
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				

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
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				
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				
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				
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				

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
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			
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				
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				
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				
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				

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				
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				
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				
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				

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
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				
	2023	Not Inspected				
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				
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			
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			
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			

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
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		
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
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			
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			
107	2/21/2023	0.50	0.50			
	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				

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				
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		
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
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		
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	
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			

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
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		
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			
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				
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			
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	
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				

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		
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			
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				
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			
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	
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				

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
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				
12	10/20/2017	1.00				
	2018	Not Inspected				
	2019	Not Inspected				
	2020	Not Inspected				
	2021	Not Inspected				
	2022	Not Inspected				
	2023	Not Inspected				

APPENDIX

A INSPECTION LOGS



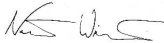
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 52

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0930

Inspector (sign): 

Departure Time: 1000

Weather Conditions: 30F, 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	1.25	Working well
Manometer #2	1.00	Working well
Manometer #3	0.50	Working well
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

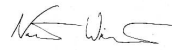
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 99

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1330

Weather Conditions: 30F, 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? N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	0.50	Working well
Manometer #2	0.50	Working well
Manometer #3	0.50	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: _____ 87

Date: 5/5/2022

Inspector (print): Nathaniel Winston

Arrival Time: 1530

Inspector (sign): 

Departure Time: 1600

Weather Conditions: 66F

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	1.25	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

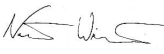
SYSTEM MAINTENANCE

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: 2/21/2023
Inspector (print): Nathaniel Winston
Arrival Time: 1315
Inspector (sign): 
Departure Time: 1345
Weather Conditions: Cloudy 28 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) No observed issues

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	1.50	Working well
Manometer #3	0.50	Working well
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

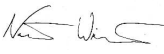
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 46

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1030

Inspector (sign): 

Departure Time: 1100

Weather Conditions: 30F, 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? N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.50	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

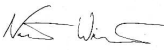
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 78

Date: 2/5/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1230

Inspector (sign): 

Departure Time: 1300

Weather Conditions: sunny 50F

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other 917-696-8393

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	2.50	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

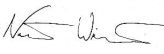
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 76

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1115

Weather Conditions: 36F, Snowy

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	2.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

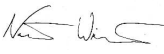
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 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

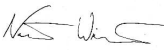
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 67

Date: 3/3/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1330

Weather Conditions: 40F, Clear

Reason for Visit (check all that apply):

Annual O&M ☒

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	1.50	Working well
Manometer #2	1.25	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

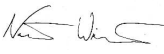
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 31

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1330

Inspector (sign): 

Departure Time: 1400

Weather Conditions: 36F 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) 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:

Sewer pipe resealed

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

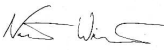
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 100

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1315

Inspector (sign): 

Departure Time: 1335

Weather Conditions: 30F 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) No Observed Issues

Sewer Pipe Sealed? yes

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

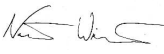
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 17

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1630

Inspector (sign): 

Departure Time: 1700

Weather Conditions: 25F 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	2.00	
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

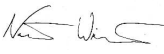
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 21

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1130

Inspector (sign): 

Departure Time: 1200

Weather Conditions: 30F, 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	1.25	Working well
Manometer #2	1.00	Working well
Manometer #3	0.75	Working well
Manometer #4	1.00	Working well
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

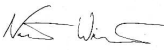
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 30

Date: 5/19/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0800

Inspector (sign): 

Departure Time: 0830

Weather Conditions: 50F 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	1.25	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

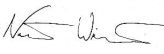
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 63

Date: 2/21/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1120

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 35F

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	1.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

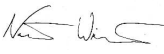
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 24

Date: 3/7/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0800

Inspector (sign): 

Departure Time: 0830

Weather Conditions: 37F, 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	1.75	Working well
Manometer #2	1.50	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

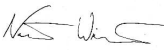
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 88

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0925

Weather Conditions: 36F cloudy

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan Fan not working upon arrival, fan power turned off at breaker

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:

Fan not working upon arrival, fan power turned off at breaker. Switched breaker on, fan is working without issue

SYSTEM MAINTENANCE

Equipment N/A

Reason for Maintenance Fan off upon arrival

Description of Maintenance Action Breaker switched on

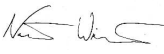
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

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

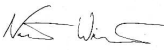
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 33

Date: 2/21/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1115

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 330F, 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:

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: _____ 2/21/2023

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 1130

Inspector (sign): _____ 

Departure Time: _____ 1145

Weather Conditions: _____ 30F Cloudy

Reason for Visit (check all that apply):

Annual O&M _____ **X**

Other _____

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan Fan box cracked

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	1.25	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

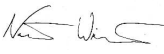
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 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 ☒

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

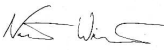
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 95

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1030

Weather Conditions: 30F, 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	1.50	Working well
Manometer #2	1.25	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

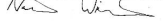
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 37

Date: 2/21/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1430

Inspector (sign): 

Departure Time: 1455

Weather Conditions: 36F 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 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	0.75	Working well
Manometer #2	1.50	Working well
Manometer #3	1.00	Working well
Manometer #4		
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

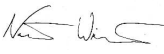
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 71

Date: 3/1/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1200

Inspector (sign): 

Departure Time: 1225

Weather Conditions: 56F, 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	0.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

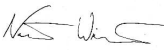
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 103

Date: 2/20/2022

Inspector (print): Nathaniel Winston

Arrival Time: 1600

Inspector (sign): 

Departure Time: 1620

Weather Conditions: 39F sunny

Reason for Visit (check all that apply):

Annual O&M ☒

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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

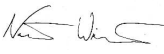
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 49

Date: 2/7/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 1330

Weather Conditions: 56F, cloudy

Reason for Visit (check all that apply):

Annual O&M ☒

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan fan box cracked, water seeping on to fan. Wiring 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? N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	1.00	Working well
Manometer #2	2.00	Working well
Manometer #3	1.25	Working well
Manometer #4	1.50	Working well
Manometer #5		

Notable Observations:

Fan box was rewired due to corrosion, fan box replaced

SYSTEM MAINTENANCE

Equipment New Fan box, wiring

Reason for Maintenance cracked fan box allowed water intrusion

Description of Maintenance Action 4/13/2023 fan box was replaced, fan wiring redone due to corrosion

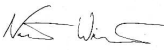
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 91

Date: 2/21/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1700

Inspector (sign): 

Departure Time: 1710

Weather Conditions: 30F, 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	0.50	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

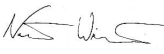
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 84

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1320

Weather Conditions: 26F 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? N/A

MANOMETER READINGS

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

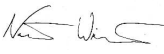
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 52

Date: 3/15/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1330

Inspector (sign): 

Departure Time: 1345

Weather Conditions: 55F

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	1.25	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: _____ 2

Date: _____ 1/30/2023

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 1230

Inspector (sign): _____ 

Departure Time: _____ 1300

Weather Conditions: _____ 28F

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	2.00	Working well
Manometer #2	1.75	Working well
Manometer #3	1.00	Working well
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment _____

Reason for Maintenance _____

Description of Maintenance Action _____

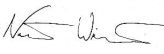
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 27

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1030

Weather Conditions: 27 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	2.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

New Owner

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

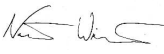
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 96

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0730

Inspector (sign): 

Departure Time: 0745

Weather Conditions: 23F 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	1.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

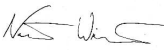
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 82

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1020

Weather Conditions: 28F 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) Working well

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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

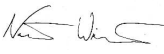
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 7

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1500

Inspector (sign): 

Departure Time: 1520

Weather Conditions: 26F, 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	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

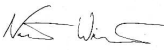
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 97a

Date: 4/6/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1120

Weather Conditions: 49F, clear

Reason for Visit (check all that apply):

Annual O&M ☒

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	2.00	Working well
Manometer #2	0.75	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

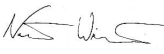
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 97b

Date: 4/6/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1200

Inspector (sign): 

Departure Time: 1220

Weather Conditions: 50 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 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	2.10	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

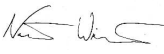
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 9

Date: _____ 2/23/2023

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 1400

Inspector (sign): _____ 

Departure Time: _____ 1430

Weather Conditions: _____ 30F, 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	1.00	Working well
Manometer #3	2.00	Working well
Manometer #4	2.00	Working well
Manometer #5	1.50	Working well

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment _____

Reason for Maintenance _____

Description of Maintenance Action _____

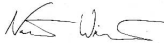
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 98

Date: 6/12/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1600

Inspector (sign): 

Departure Time: 1620

Weather Conditions: 70 F, cloudy

Reason for Visit (check all that apply):

Annual O&M ☒

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	1.25	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

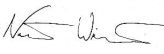
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 62

Date: 3/1/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 50 F, cloudy

Reason for Visit (check all that apply):

Annual O&M ☒

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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

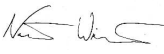
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 65

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0800

Inspector (sign): 

Departure Time: 0825

Weather Conditions: 30F, cloudy

Reason for Visit (check all that apply):

Annual O&M ☒

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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

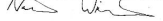
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 68

Date: 3/7/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 47F 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 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	1.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Manometer fluid low

SYSTEM MAINTENANCE

Equipment Manometer fluid

Reason for Maintenance Manometer fluid low

Description of Maintenance Action Replaced manometer fluid on 3/7/2023

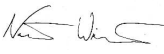
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 74

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0730

Inspector (sign): 

Departure Time: 0745

Weather Conditions: 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	2.25	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment N/A

Reason for Maintenance N/A

Description of Maintenance Action N/A

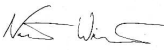
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 57

Date: 2/9/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1320

Weather Conditions: sunny 30 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	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

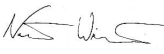
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 79

Date: 2/9/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1020

Inspector (sign): 

Departure Time: 1035

Weather Conditions: 28F Clear

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan Replaced, with Fantech RN3

Piping Broken condensate bypass, replaced

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	3.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment N/A

Reason for Maintenance N/A

Description of Maintenance Action N/A

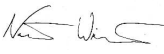
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 85

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0930

Weather Conditions: 30F, 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	2.50	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

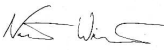
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 73

Date: 2/20/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0800

Inspector (sign): 

Departure Time: 0820

Weather Conditions: 30 F Sunny

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping Valve closed by homeowner

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	14.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Reopened valve above extraction point. Alerted homeowner to valve location.

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action Reopened valve above extraction point

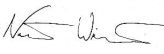
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 25

Date: 2/10/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1330

Inspector (sign): 

Departure Time: 1355

Weather Conditions: 30F, snow

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan Fan box is cracked

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	1.75	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

Fan box is cracked and will need to be replaced

SYSTEM MAINTENANCE

Equipment Fan box replaced 4/13/23

Reason for Maintenance N/A

Description of Maintenance Action N/A

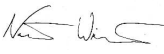
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 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

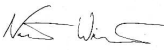
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 14

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1220

Inspector (sign): 

Departure Time: 1235

Weather Conditions: 26F 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? N/A

MANOMETER READINGS

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

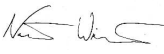
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 102

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1010

Inspector (sign): 

Departure Time: 1025

Weather Conditions: 28F, 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	5.00	Working well
Manometer #2	5.00	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

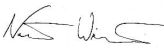
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 86

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0930

Weather Conditions: Cloudy, 15F

Reason for Visit (check all that apply):

Annual O&M ☒

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:

Fan needs sound deadening

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

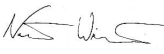
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 83

Date: 2/23/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 30F, 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	1.00	Working well
Manometer #2	1.00	Working well
Manometer #3	1.00	Working well
Manometer #4	1.00	Working well
Manometer #5	1.50	Working well

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

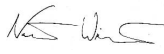
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 29

Date: 1/30/2023

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1100

Weather Conditions: 30F 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? N/A

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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action