



VIA ELECTRONIC MAIL

May 25, 2021

Karen Cahill
Regional Hazardous Waste Remedial Engineer
New York State Department of Environmental Conservation
Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

**Subject: 2021 Operations, Maintenance & Monitoring Annual Report
Vapor Intrusion Mitigation Systems - Site No. 755010
Former Emerson Power Transmission, Ithaca, New York**

Dear Karen:

Enclosed please find one Foilable copy of the 2021 Operation, Maintenance & Monitoring Annual Report for Vapor Intrusion Mitigation Systems installed in select homes in the South Hill Community northwest of the former Emerson Power Transmission site in Ithaca, New York.

If you have any questions, please contact me at (212) 465-5334.

Kind regards,

A handwritten signature in blue ink, appearing to read 'Lisa Kelly'.

Lisa Kelly
Assistant Vice President

LKK:rl
K:\Emerson\ITHACA\Vapor Mitigation\Mitigation - Cazenovia\Annual O&M Report\2021 Annual Report\letter.755010.2021-05-25.annual OMM report FOILABLE.docx

Encl.

cc: Anthony Perretta, NYSDOH (electronic)
Gary Priscott, NYSDEC (electronic)
Tompkins County Library

EMERSON

2021 OPERATION, MAINTENANCE, AND MONITORING ANNUAL REPORT VAPOR INTRUSION MITIGATION SYSTEMS

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

MAY 25, 2021





2021 OPERATION, MAINTENANCE, AND MONITORING ANNUAL REPORT VAPOR INTRUSION MITIGATION SYSTEMS

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

EMERSON

PROJECT NO.: 31401545.001
DATE: MAY 25, 2021

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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 2021 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 2021 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 2021 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). 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. 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 contained mitigation systems in operation; however, Emerson no longer supports OM&M activities at one (1) residence (Property ID 8). Of the remaining fifty-nine (59) residences:

- Fifty-two (52) were inspected during the 2021 reporting period as shown in Table 1.
- Seven (7) were not inspected during the 2021 reporting period due to insufficient response from property owners, scheduling conflicts, or COVID-19 related concerns.

The seven (7) residences not inspected include ID 12, ID 38, ID 52, ID 67, ID 76, ID 87, and ID 107. WSP will continue attempts to contact the owners of these properties. If successful, 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 Drainjers (device that allows water drainage downward while preventing vapor infiltration), where applicable. A historical record of manometer readings is provided in Table 2. Log sheets for each inspection are provided in Appendix A.
- Ancillary Inspection – A visual inspection of the environment surrounding the vapor mitigation system was conducted at each residence. Concrete slabs and foundation walls were inspected for signs of cracks and separating joints. These inspections were specifically focused on vacuum points, sump covers, and Drainjer floor drains. Smoke tests are a tool that is used on sump covers as necessary to verify that no leaks were present. Smoke tests were not necessary during the reporting period. All identified fractures, cracks, and voids were repaired as detailed in the following paragraphs.
- Discharge Inspection – A visual inspection of the exhaust stack was performed on each residence focusing on the integrity of the piping and discharge hood, and the presence of any new air intakes in the vicinity of the discharge.
- Record of Required Repairs – Any observed malfunctions and system irregularities were documented during each inspection. 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 five (5) residences. A description of the issue observed during the annual inspection and the completed work to correct each issue at the five (5) properties is provided below:

- Property ID 30 – WSP was contacted by the homeowner regarding unusual noises coming from the system fan. On June 6, 2020, the fan was replaced.
- Property ID 29 – The homeowner replaced the basement furnace which required modifications to the sub-slab. On August 31, 2020, the old furnace was removed and the concrete slab was modified to accommodate the new furnace.
- Property ID 83 – WSP was contacted by the homeowner regarding unusual noises coming from the system fan. On March 3, 2021, the fan was replaced.
- Property ID 26 – WSP was contacted by the homeowner regarding rattling noises coming from the system fan. On March 25, 2021, sound deadening was added to the fanbox.
- Property ID 79 – WSP was contacted by the homeowner regarding unusual noises coming from the system fan. On March 25, 2021, the fan was replaced.

3 PROJECT CONTACT LIST


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

<u>Project Title</u>	<u>Name</u>	<u>Phone Number</u>
WSP Project Manager	Lisa Kelly	212-465-5334
WSP Site Consultant	Nathaniel Winston	315-420-9973
WSP Engineer of Record	David Rykaczewski, P.E.	412-375-0282
Emerson Contact	Steve Clarke	314-553-1953

4 ENGINEERING CERTIFICATION

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

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


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




Date

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

FIGURE

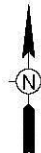




REFERENCE:
7.5 MINUTE SERIES TOPOGRAPHIC QUADRANGLE
ITHACA EAST AND WEST, NEW YORK 2016
SCALE 1:24,000



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
2016 Reporting Period
Emerson Power Transmission
Ithaca, New York

ID	System Start Date	2007 Annual Inspections Inspection Date	2008 Annual Inspections Inspection Date	2009 Annual Inspections Inspection Date	2010 Annual Inspections Inspection Date	2011 Annual Inspections Inspection Date	2012 Annual Inspections Inspection Date	2013 Annual Inspections Inspection Date	2014 Annual Inspections Inspection Date	2015 Annual Inspections Inspection Date	2016 Annual Inspections Inspection Date	2017 Annual Inspections Inspection Date	2018 Annual Inspections Inspection Date	2019 Annual Inspections Inspection Date	2021 Annual Inspections Inspection Date	Repair Required Yes/No	Repair Completion Date	Note
29	2/2/2005	10/10/2007	11/14/2008	12/7/2009	1/21/2011	12/13/2011	3/18/2013	1/9/2014	12/2/2014	10/28/2015	10/17/2016	10/30/2017	3/22/2019	2/14/2020	3/11/2021	Yes	8/31/2020	
83	2/6/2006	10/9/2007	9/29/2008	9/28/09	9/2/2010	8/17/2011	10/22/2012	11/12/2013	12/2/2014	11/11/2015	10/17/2016	12/12/2017	3/22/2019	2/21/2020	1/22/2021	Yes	3/3/2021	
84	2/16/2006	10/8/2007	11/4/2008	12/8/2009	11/10/2010	12/15/2011	3/19/2013	1/31/2014	12/5/2014	10/28/2015	10/26/2016	11/3/2017	12/18/2018	1/14/2020	2/17/2021	No		
78	3/29/2006	10/9/2007	9/29/2008	9/28/09	2/15/2011	12/12/2011	3/18/2013	1/17/2014	5/28/2015	3/15/2016	2/2/2017	2/7/2018	1/28/2019	Not Inspected	1/20/2021	No		
86	5/1/2006	10/10/2007	9/29/2008	9/28/09	9/3/2010	8/29/2011	2/25/2013	8/5/2013, 1/13/2014	12/2/2014	12/17/2015	10/17/2016	11/8/2017	1/28/2019	1/28/2020	1/4/2021	No		
33	5/4/2006	10/10/2007	9/30/2008	9/28/09	9/2/2010	8/17/2011	2/25/2013	1/9/2014	5/22/2015	12/17/2015	11/11/2016	12/17/2017	1/30/2019	Not Inspected	2/8/2021	No		
14	5/18/2006	11/13/2007	Not Inspected	9/28/09	9/3/2010	1/24/2012	4/18/2013	1/17/2014	5/22/2015	2/17/2016	10/17/2016	10/30/2017	1/29/2019	1/17/2020	2/10/2021	No		
68	5/18/2006	10/10/2007	9/29/2008	9/28/09	9/3/2010	8/17/2011	10/22/2012	11/12/2013	12/2/2014	10/28/2015	10/18/2016	10/30/2017	1/28/2019	1/7/2020	1/20/2021	No		
85	6/6/2006	10/11/2007	9/30/2008	9/28/09	9/10/2010	8/17/2011	2/25/2013	11/15/2013	Not Inspected	2/17/2016	10/17/2016	10/30/2017	1/29/2019	1/20/2020	2/20/2021	No		
26	6/14/2006	10/12/2007	9/30/2008	12/7/2009	1/21/2011	12/13/2011	3/19/2013	1/17/2014	3/1/2015	3/28/2016	Not Inspected	Not Inspected	1/28/2019	2/8/2020	1/17/2021	Yes	1/22/2021	
61	6/26/2006	11/13/2007	11/17/2008	Not Inspected	5/5/2010	1/24/2012	3/18/2013	1/13/2014	3/11/2015	12/17/2016	10/17/2016	12/12/2017	1/29/2019	1/29/2020	1/29/2021	No		
25	8/2/2006	10/9/2007	9/29/2008	9/28/09	9/2/2010	8/17/2011	2/25/2013	1/13/2014	3/12/2015	12/18/2015	10/17/2016	10/30/2017	1/29/2019	1/14/2020	1/20/2021	No		
57	8/14/2006	10/8/2007	9/29/2008	9/28/09	9/3/2010	8/17/2011	2/25/2013	1/9/2014	12/1/2014	10/28/2015	10/17/2016	12/12/2017	1/29/2019	1/14/2020	2/10/2021	No		
74	8/21/2006	1/17/2008	9/30/2008	12/8/2009	1/20/2011	1/12/2012	2/25/2013	1/9/2014	12/3/2014	2/18/2016	10/18/2016	11/2/2017	1/29/2019	1/14/2020	4/8/2021	No		
8	8/22/2006	11/13/2007	1/15/2009	1/21/2010	1/21/2011	12/13/2011	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	OM&M Discontinued	N/A		
38	8/23/2006	10/25/2007	11/4/2008	1/21/2010	Not Inspected	12/14/2011	4/19/2013	1/13/2014	12/5/2014	12/18/2015	11/11/2016	12/12/2017	2/25/2019	Not Inspected	Not Inspected	N/A		
76	8/28/2006	10/9/2007	10/21/2008	12/7/2009	2/15/2011	12/13/2011	4/19/2013	1/17/2014	Not Inspected	3/15/2016	2/2/2017	12/12/2017	2/12/2019	Not Inspected	Not Inspected	N/A		
65	8/30/2006	10/10/2007	9/29/2008	9/28/09	9/3/10 0900	8/17/2011	10/22/2012	11/12/2013	12/2/2014	10/28/2015	10/18/2016	10/30/2017	1/28/2019	1/7/2020	1/15/2021	No		
62	9/7/2006	10/11/2007	11/3/2008	1/21/2010	Not Inspected	1/12/2012	Not Inspected	1/31/2014	5/19/2015	12/18/2015	10/18/2016	11/3/2017	2/7/2019	1/14/2020	3/1/2021	No		
73	10/28/2006	11/12/2007	9/29/2008	9/28/09	9/3/2010	8/17/2011	10/22/2012	11/12/2013	12/3/2014	10/28/2015	10/17/2016	12/12/2017	1/25/2019	1/14/2020	1/14/2021	No		
79	3/27/2007	N/A	2/15/2008	12/7/2009	2/15/2011	2/2/2012	Not Inspected	1/9/2013	5/27/2015	2/18/2016	10/17/2016	12/14/2017	3/15/2019	2/5/2020	3/25/2021	Yes	3/25/2021	
102	4/3/2007	N/A	1/25/2008	4/29/2009	5/5/2010	1/12/2012	3/19/2013	1/9/2013	3/12/2015	3/28/2016	10/17/2016	10/30/2017	2/1/2019	1/14/2020	1/27/2021	No		
87	4/4/2007	N/A	2/27/2008	4/29/2009	6/11/2010	12/14/2011	Not Inspected	Not Inspected	Not Inspected	Not Inspected	Not Inspected	11/3/2017	3/22/2019	Not Inspected	2/22/2021	No		
103	4/6/2007	N/A	3/3/2008	4/29/2009	5/5/2010	6/16/2011	6/26/2012	1/17/2013	5/12/2015	2/19/2016	11/2/2016	11/3/2017	2/28/2019	1/14/2020	Not Inspected	No		
66	9/21/2006, 5/17/2007	N/A	2/22/2008	4/30/2009	5/5/2010	8/30/2011	3/18/2013	1/13/2014	Not Inspected	Not Inspected	10/27/2016	10/30/2017	Not Inspected	1/14/2020	1/10/2021	No		
71	8/8/2006, 5/24/2007	N/A	11/17/2008	12/7/2009	1/21/2011	12/13/2011	3/19/2013	2/26/2014	Not Inspected	3/28/2016	11/2/2016	11/2/2017	2/1/2019	1/14/2020	2/23/2021	No		
100	7/9/2007	N/A	1/14/2009	1/21/2010	2/15/2011	1/12/2012	10/22/2012	2/7/2014	5/21/2015	10/28/2015	12/14/2016	10/30/2017	2/1/2019		4/7/2021			
31	8/17/2006, 8/10/2007	N/A	9/30/2008	9/28/09	1/21/2011	12/13/2011	Not Inspected	1/17/2014	5/21/2015	12/17/2015	12/14/2016	12/11/2017	3/22/2019	1/14/2020	2/2/2021	No		
97b	11/6/2007	N/A	9/29/2008	9/28/2009	11/10/2010	12/13/2011	4/18/2013	2/7/2014	Not Inspected	2/18/2016	10/24/2016	12/11/2017	1/30/2019	2/6/2020	2/20/2021	No		
88	11/17/2007	N/A	N/A	4/9/2009	6/10/2010	1/24/2012	6/26/2012	1/9/2014	5/21/2015	12/17/2015	11/14/2016	10/31/2017	1/25/2019	1/8/2020	2/2/2021	No		
93	1/19/2008	N/A	N/A	4/29/2009	6/10/2010	2/15/2011	6/26/2012	11/12/2013	12/3/2014	2/17/2016	10/19/2016	11/3/2017	1/28/2019	1/8/2020	1/12/2021	No		
96	3/19/2008	N/A	N/A	12/10/2009	1/20/2011	12/13/2011	3/19/2013	11/15/2013	Not Inspected	3/25/2016	10/25/2016	10/31/2017	2/12/2019	1/14/2020	2/14/2021	No		
67	3/19/2008	N/A	N/A	4/29/2009	5/6/2010	8/17/2011	4/18/2013	2/27/2014	5/21/2015	2/19/2016	12/19/2016	12/11/2017	3/22/2019	Not Inspected	Not Inspected	N/A		
95	6/20/2008	N/A	N/A	5/28/2009	6/22/2010	1/24/2012	3/19/2013	8/5/2013, 2/27/2014	3/12/2015	2/17/2016	11/3/2016	10/30/2017	3/22/2019	2/4/2020	2/2/2021	No		
104	6/24/2008	N/A	N/A	12/7/2009	2/15/2011	12/15/2011	2/26/2012 & 3/18/2013	2/7/2014	3/12/2015	2/19/2016	12/19/2016	10/30/2017	1/28/2019	1/8/2020	1/10/2021	No		
99	8/7/2008	N/A	N/A	9/28/09	11/10/2010	12/13/2011	4/19/2013	2/26/2014	12/4/2014	3/25/2016	1/18/2017	Not Inspected	3/8/2019	2/15/2020	2/10/2021	No		
89	9/25/2008	N/A	N/A	9/28/09	9/10/2010	10/22/2012	8/17/2011	2/7/2014	12/4/2014	3/15/2016	10/25/2016	11/3/2017	2/11/2019	1/21/2020	1/12/2021	No		
98	12/5/2008	N/A	N/A	11/19/2009	2/15/2011	Not Inspected	Not Inspected	2/7/2014	3/3/2015	2/17/2016	10/19/2016	12/11/2017	1/28/2019	1/14/2020	3/14/2021	No		
91	7/17/2008, 1/15/2009	N/A	N/A	N/A	5/5/2010	6/16/2011	6/25/2012	11/15/2013	Not Inspected	3/25/2016	10/31/2016	11/3/2017	1/28/2019	1/24/2020	2/24/2021	No		
107	1/16/2009	N/A	N/A	N/A	6/10/2010	8/17/2011	2/25/2013	1/31/2014, 2/10/2014	Not Inspected	3/25/2016	10/26/2016	12/11/2017	1/28/2019	1/14/2020	Not Inspected	No		
82	3/19/2009	N/A	N/A	N/A	4/1/2010	Not Inspected	Not Inspected	Not Inspected	3/10/2015	2/18/2016	10/25/2016	11/2/2017	3/22/2019	1/10/2020	2/17/2021	No		
44	3/25/2009	N/A	N/A	N/A	5/5/2010	6/16/2011	Not Inspected	Not Inspected	Not Inspected	Not Inspected	Not Inspected	Not Inspected	Not Inspected	2/25/2020	3/9/2021	No		
9	4/23/2009	N/A	N/A	N/A	5/5/2010	6/16/2011	6/25/2012	Not Inspected	12/3/2014	2/18/2016	10/19/2016	10/30/2017	1/30/2019	1/28/2020	1/20/2021	No		
37	4/23/2009	N/A	N/A	N/A	5/5/2010	12/13/2011	3/20/2013	1/9/2014	5/27/2015	2/17/2016	11/2/2016	12/15/2017	1/29/2019	Not Inspected	1/29/2021	No		
21	5/13/2009	N/A	N/A	N/A	5/5/2010	6/16/2011	6/25/2012	2/7/2014	5/20/2015	2/18/2016	1/17/2017	12/12/2017	1/29/2019	2/25/2020	2/22/2021	No		
46	9/15/2009	N/A	N/A	N/A	9/10/2010	8/17/2011	4/17/2013	1/9/2014	12/2/2014	10/28/2015	2/2/2017	2/7/2018	3/22/2019	1/28/2020	2/17/2021	No		
32	12/2/2009	N/A	N/A	N/A	1/20/2011	12/13/2011	4/17/2013	1/17/2014	12/3/2014	2/18/2016	2/2/2017	2/7/2018	1/20/2019	1/28/2020	2/22/2021	No		
30	12/21/2009	N/A	N/A	N/A	11/10/2010	2/2/2012	No Inspected	1/31/2014	5/17/2015	2/18/2016	1/16/2017	10/31/2017	3/22/2019	2/26/2020	2/22/2021	Yes	6/12/2020	
17	4/30/2010	N/A	N/A	N/A	N/A	1/24/2012	Not Inspected	2/7/2014	3/11/2015	2/19/2016	1/17/2017	2/5/2018	1/0/1900	Not Inspected	3/5/2021	N/A		
5	4/30/2010	N/A	N/A	N/A	N/A	8/17/2011	3/19/2013	1/17/2014	5/21/2015	2/17/2016	11/17/2016	10/30/2017	1/30/2019	Not Inspected	2/4/2021	No		
59	7/19/2010	N/A	N/A	N/A	N/A	7/19/2011	6/26/2012	11/12/2013	Not Inspected	2/19/2016	11/11/2016	12/15/2017	3/15/2019	Not Inspected	3/10/2021	No		
27	7/19/2010	N/A	N/A	N/A	N/A	1/12/2012	2/25/2013	2/26/2014	3/13/2015	3/15/2016	10/26/2016	10/30/2017	2/12/2019	2/5/2020	2/15/2021	No		
2	8/31/2010	N/A	N/A	N/A	N/A	1/25/2012	3/20/2013	1/17/2014	Not Inspected	10/27/2015	10/26/2016	10/31/2017	1/30/2019	2/11/2020	2/9/2021	No		
97a	8/31/2010	N/A	N/A	N/A	N/A	12/13/2011	4/18/2013	2/7/2014	3/12/2015	2/18/2016	10/24/2016	12/11/2017	1/29/2017	2/18/2020	2/11/2021	No		
52	11/9/2010	N/A	N/A	N/A	N/A	3/2/2011	6/25/2012	1/17/2014	12/3/2014	2/19/2016	10/26/2017	10/31/2017	1/30/2019	1/7/2020	Not Inspected	N/A		

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		
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
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				
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			

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				
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				
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			
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				

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				
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				
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				
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				

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				
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				
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				
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				

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				
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				
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				
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				

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			
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				
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				
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				
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				

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				
	4/7/2021	0.75				
31	1/28/2008	1.30				
	9/30/2008	1.25				
	9/28/2009	1.25				
	1/21/2011	1.25				
	12/13/2011	1.25				
	1/17/2014	1.25				
	5/21/2015	1.25				
	12/17/2015	1.25				
	12/14/2016	1.25				
	12/11/2017	1.25				
	3/22/2019	1.25				
	1/14/2020	1.50				
	2/2/2021	1.15				
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				
88	4/29/2009	1.80				
	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				

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				
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				
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			
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			
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			

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		
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
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			
91	3/14/2021	1.25	1.00			
	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			
107	2/24/2021	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				

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				
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		
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
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		
	1/29/2021	11.00	0.75	1.25		
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	
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			

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		
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			
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				
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			
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	
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				

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		
97a	2/9/2021	2.00	1.75	1.00		
	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			
52	1/29/2019	2.00	0.50			
	2/18/2020	2.00	0.75			
	2/11/2021	2.00	0.75			
	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				
24	10/26/2016	1.25				
	10/31/2017	1.25				
	1/30/2019	1.25				
	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			
49	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			
	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	
63	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	
	3/2/2011	0.75				
7	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				
12	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				
12	2/4/2021	1.75				
	10/20/2017	1.00				

APPENDIX

A INSPECTION LOGS



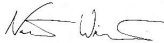
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 52

Date: 3/9/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1130

Inspector (sign): 

Departure Time: 1155

Weather Conditions: 45F

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	0.25	Working well
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

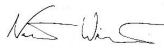
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 26

Date: 1/17/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1020

Weather Conditions: Clear 32F

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other ☐

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) Manometer #3

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

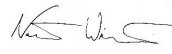
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 99

Date: 2/10/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0920

Inspector (sign): 

Departure Time: 1045

Weather Conditions: rainy 40F

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	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

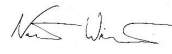
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 87

Date: 2/22/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1430

Inspector (sign): 

Departure Time: 1450

Weather Conditions: 37F rain

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? 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

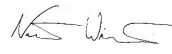
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 32

Date: 2/22/2021

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	1.25	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

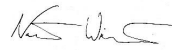
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 46

Date: 2/17/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1245

Inspector (sign): 

Departure Time: 1315

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

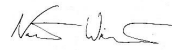
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 78

Date: 1/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1230

Inspector (sign): 

Departure Time: 1300

Weather Conditions: sunny 30F

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

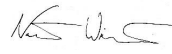
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 104

Date: 1/10/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1500

Inspector (sign): 

Departure Time: 1520

Weather Conditions: Clear 32F

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

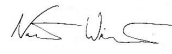
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 67

Date: 2/2/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0930

Weather Conditions: 12F, 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) 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

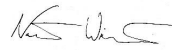
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 31

Date: 2/2/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1340

Inspector (sign): 

Departure Time: 1400

Weather Conditions: 20F 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	1.15	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

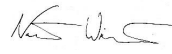
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 100

Date: 4/7/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1020

Weather Conditions: 60F, Sunny

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

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

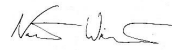
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 17

Date: 3/5/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1630

Inspector (sign): 

Departure Time: 1700

Weather Conditions: 40F 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 _____

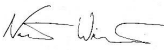
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 21

Date: 2/22/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1130

Inspector (sign): 

Departure Time: 1200

Weather Conditions: 34F, rain

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? N/A

MANOMETER READINGS

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

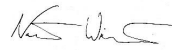
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 30

Date: 2/22/2021

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 ☒ 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:

Condensation forming on outside of PVC piping causing mold to grow.

SYSTEM MAINTENANCE

Equipment _____

Reason for Maintenance _____

Description of Maintenance Action _____

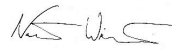
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 63

Date: 2/4/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1530

Inspector (sign): 

Departure Time: 1645

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 Water staining/pooling around foundation walls

Foundation Walls Water intrusion around foundation walls, concrete chipping away, foundation walls are in poor condition

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

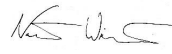
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 24

Date: 1/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0920

Weather Conditions: 27F, 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

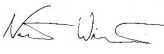
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 88

Date: 2/2/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0830

Inspector (sign): 

Departure Time: 0900
0900

Weather Conditions: Clear 32F

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan slight vibration at fan box

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 N/A

Reason for Maintenance N/A

Description of Maintenance Action N/A

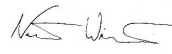
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 33

Date: 2/8/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0925

Weather Conditions: 0F, 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	2.00	Working well
Manometer #2		
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

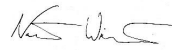
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 5

Date: _____ 2/4/2021

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 1420

Inspector (sign): _____ 

Departure Time: _____ 1445

Weather Conditions: _____ 17F 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	1.75	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 _____

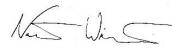
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 59

Date: 3/10/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0915

Weather Conditions: Clear 25F

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	1.75	Working well
Manometer #3	2.75	Working well
Manometer #4	0.25	Working well
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

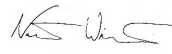
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 95

Date: 1/12/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1400

Inspector (sign): 

Departure Time: 1415

Weather Conditions: 17F overcast

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? N/A

MANOMETER READINGS

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

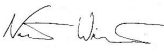
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 37

Date: 1/29/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1120

Weather Conditions: 32F cloudy

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) 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	0.75	Working well
Manometer #3	1.25	Working well
Manometer #4		
Manometer #5		

Notable Observations:

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

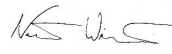
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 71

Date: 2/23/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1200

Inspector (sign): 

Departure Time: 1225

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) 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

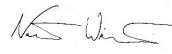
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 49

Date: 3/22/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1330

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	2.25	Working well
Manometer #2	1.75	Working well
Manometer #3	1.75	Working well
Manometer #4	1.50	Working well
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

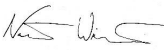
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 91

Date: 2/24/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1025

Weather Conditions: 57F, 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

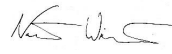
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 66

Date: 1/10/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1130

Inspector (sign): 

Departure Time: 1200

Weather Conditions: 60F Rainy

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? N/A

MANOMETER READINGS

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

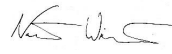
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 84

Date: 2/17/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0900

Inspector (sign): 

Departure Time: 0925

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	2.00	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: _____ 2

Date: _____ 2/9/2021

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 1230

Inspector (sign): _____ 

Departure Time: _____ 1300

Weather Conditions: _____ 18F

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 _____

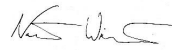
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 27

Date: 2/15/2021

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

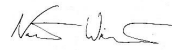
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 89

Date: 1/12/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1330

Weather Conditions: 22F, 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 Need to replace strap on roof

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) Cleaned drainjers during site visit

Sewer Pipe Sealed? N/A

MANOMETER READINGS

Location	Reading (Inches of Water)	Notes
Manometer #1	0.25	Working well
Manometer #2	0.25	Working well
Manometer #3	0.25	Working well
Manometer #4	1.75	Working well
Manometer #5	2.25	Working well

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance drainjers cleaned during site visit

Description of Maintenance Action

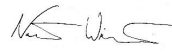
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 96

Date: 2/14/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0840

Inspector (sign): 

Departure Time: 0900

Weather Conditions: 20F 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

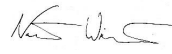
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 82

Date: 2/17/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0745

Inspector (sign): 

Departure Time: 0815

Weather Conditions: 12F 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 _____

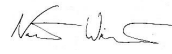
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 7

Date: _____ 2/4/2021

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 0920

Inspector (sign): _____ 

Departure Time: _____ 0950

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 _____

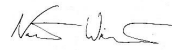
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 97a

Date: 2/11/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1120

Weather Conditions: 29F, 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	2.00	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

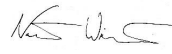
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 97b

Date: 2/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1350

Weather Conditions: 29 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 Minor cracks in subslab, need to be sealed

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:

New owner Chelan Mazza

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

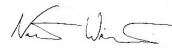
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 9

Date: _____ 1/20/2021

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 0930

Inspector (sign): _____ 

Departure Time: _____ 0950

Weather Conditions: _____ 34 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	1.00	Working well
Manometer #2	1.25	Working well
Manometer #3	0.75	Working well
Manometer #4	1.75	Working well
Manometer #5	1.75	Working well

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

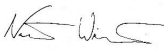
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 93

Date: 1/12/2020

Inspector (print): Nathaniel Winston

Arrival Time: 1500

Inspector (sign): 

Departure Time: 1525

Weather Conditions: 23 F, clear

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other _____

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack Rattles in the wind, needs new brackets

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? N/A

MANOMETER READINGS

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

Notable Observations:

SYSTEM MAINTENANCE

Equipment N/A

Reason for Maintenance N/A

Description of Maintenance Action N/A

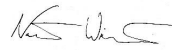
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 98

Date: 3/14/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1600

Inspector (sign): 

Departure Time: 1620

Weather Conditions: 40 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

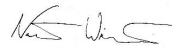
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 62

Date: 3/1/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1100

Inspector (sign): 

Departure Time: 1130

Weather Conditions: 30 F, 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 _____

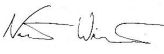
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 65

Date: 1/15/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0820

Inspector (sign): 

Departure Time: 0850

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

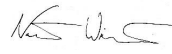
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 68

Date: 1/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0930

Inspector (sign): 

Departure Time: 1000

Weather Conditions: 27F 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 broken straps replaced 3/13/2019

Reason for Maintenance

Description of Maintenance Action

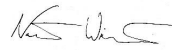
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 74

Date: 4/8/2020

Inspector (print): Nathaniel Winston

Arrival Time: 1600

Inspector (sign): 

Departure Time: 1620

Weather Conditions: 66F, 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	2.25	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

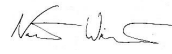
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 57

Date: 2/10/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1030

Inspector (sign): 

Departure Time: 1050

Weather Conditions: sunny 14 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

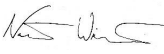
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 79

Date: 3/25/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0855

Inspector (sign): 

Departure Time: 0935

Weather Conditions: Cloudy 60 F

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment Fan replaced

Reason for Maintenance Homeowner notification of fan making noises

Description of Maintenance Action HP220 bearings ceased, fan replaced

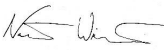
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 85

Date: 2/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0800

Inspector (sign): 

Departure Time: 0900

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:

Basement is damp in areas. Homeowner says water hasn't been an issue in the past. Will have contractor seal cracks.

SYSTEM MAINTENANCE

Equipment _____

Reason for Maintenance _____

Description of Maintenance Action _____

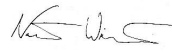
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 73

Date: 1/14/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0930

Inspector (sign): 

Departure Time: 1000

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

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

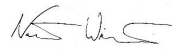
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 25

Date: 1/20/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1230

Inspector (sign): 

Departure Time: 1300

Weather Conditions: 30F, snow

Reason for Visit (check all that apply):

Annual O&M ☒ X

Other

MITIGATION SYSTEM INSPECTION CHECKLIST

Comments

Fan No observed issues

Piping No observed issues

Manometer(s) No observed issues

Exhaust Stack No observed issues

Concrete Floor No observed issues

Foundation Walls No observed issues

Sump(s) N/A

Dranjer(s) N/A

Sewer Pipe Sealed? 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 N/A

Reason for Maintenance N/A

Description of Maintenance Action N/A

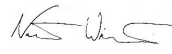
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 61

Date: 1/29/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1300

Inspector (sign): 

Departure Time: 1320

Weather Conditions: Snowy 22 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:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

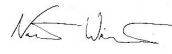
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: _____ 14

Date: _____ 2/10/2021

Inspector (print): _____ Nathaniel Winston

Arrival Time: _____ 0900

Inspector (sign): _____ 

Departure Time: _____ 0925

Weather Conditions: _____ Cloudy 20 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	1.25	Working well
Manometer #2	0.80	Working well
Manometer #3		
Manometer #4		
Manometer #5		

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment _____

Reason for Maintenance _____

Description of Maintenance Action _____

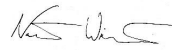
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 102

Date: 1/27/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1230

Inspector (sign): 

Departure Time: 1300

Weather Conditions: 16F, 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

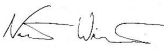
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 86

Date: 1/4/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1030

Inspector (sign): 

Departure Time: 1050

Weather Conditions: Cloudy, 29F

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:

Fan needs sound deadening

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

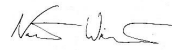
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 83

Date: 1/22/2021

Inspector (print): Nathaniel Winston

Arrival Time: 0958

Inspector (sign): 

Departure Time: 1020

Weather Conditions: 33F, 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	1.00	Working well
Manometer #3	1.00	Working well
Manometer #4	1.25	Working well
Manometer #5	1.00	Working well

Notable Observations:

N/A

SYSTEM MAINTENANCE

Equipment

Reason for Maintenance

Description of Maintenance Action

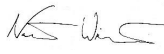
Operational Checklist
VAPOR INTRUSION MITIGATION SYSTEM
Emerson Power Transmission
Ithaca, New York

Property Address and ID: 29

Date: 3/11/2021

Inspector (print): Nathaniel Winston

Arrival Time: 1000

Inspector (sign): 

Departure Time: 1100

Weather Conditions: 10F 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