

February 3, 2026

Jolene Lozewski, P.G.
Professional Geologist
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7015

Re: 2025 Annual System Status Report
Sub-Slab Depressurization System
Former United Stellar Industries Site (#130115)
131 Sunnyside Boulevard, Plainview, New York

Dear Ms. Lozewski:

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of 131 Sunnyside LLC (Owner), has prepared this 2025 Annual System Status Report for the Sub-Slab Depressurization System (SSDS) at the Former United Stellar Industries Site (NYSDEC Site #130115) located at 131 Sunnyside Boulevard, Plainview, New York (Site). This report provides documentation of all monitoring activities and data evaluation conducted during the reporting period of January 1, 2025, through December 31, 2025.

Background

The SSDS at the Site previously operated as a Vapor Recovery System (VRS). On May 11, 2005, Arcadis of New York, Inc. (Arcadis) submitted a letter report summarizing the results of a pilot test for the VRS to the New York State Department of Environmental Conservation (NYSDEC). The VRS was restarted and is operating in accordance with the VRS pilot test extension letter originally submitted to the NYSDEC on September 7, 2005, and modified based on the following:

- Revised VRS pilot test extension letter submitted by Arcadis on November 18, 2005, based on NYSDEC comments, dated October 11, 2005.
- Arcadis responses, dated May 15, 2006, based on NYSDEC comments, dated February 2, 2006.

On September 22, 2009, the NYSDEC accepted the system modifications proposed by Arcadis in the August 20, 2009, submittal, "Air Emission Regulatory Review and Current Status, Related Calculations, and Proposed Modifications to Current System Configuration and Monitoring Procedures" (Regulatory Review). As recommended in the Regulatory Review, the vapor phase granular activated carbon (VPGAC) was taken off-line on December 3, 2009, and the frequency of performance and compliance monitoring was decreased from monthly to quarterly beginning with the fourth quarter of 2009. No complications were encountered during the system modification.

A System Status Report covering the reporting period of July 2012 through December 2014 was submitted on April 14, 2015, by Arcadis. Recommendations made in the report to operate the VRS as a SSDS were accepted by the NYSDEC, with concurrence from the New York State Department of Health (NYSDOH), in a letter dated April 30, 2015. Therefore, the system is hereafter referred to as the SSDS.

Sub-Slab Depressurization System Operation

The SSDS consists of three vacuum extraction locations (SVE-1, SVE-2 and SVE-3), six induced vacuum/vapor monitoring points (MP-1 through MP-6), a 5-horsepower regenerative blower, and a moisture separator. As previously discussed, the two 400-pound VPGACs were removed from system operation on December 3, 2009. Control valves, monitoring gauges, and sample ports were installed as necessary to adjust system operation and provide a means for collecting the data provided within this report. The SSDS also includes a separate extraction point with a dedicated RadonAway model GP-501 fan that was installed in an electrical room in the northeast portion of the building in September 2021 to address an inadequate induced vacuum condition observed in this area.

Operational data collected during the quarterly monitoring events are summarized in Table 1. First, second, third, and fourth quarter data were collected by Roux on March 31, 2025; June 26, 2025; September 24, 2025; and December 17, 2025. In addition, vacuum measurements were recorded from the six monitoring points during the periodic monitoring events on January 30, 2025; April 30, 2025; May 21, 2025; July 23, 2025; August 20, 2025; October 22, 2025; and November 19, 2025. A summary and analysis of performance monitoring data is provided below.

Results

Operational measurements including applied vacuum levels at each extraction point and extraction air flow rates are summarized in Table 1. Figure 1 depicts locations of the vacuum extraction wells, vacuum/vapor monitoring points, and quarterly measurements collected during the 2025 reporting period.

In summary, the SSDS is operating as designed. Key observations are as follows:

- Air flow rates at the vacuum extraction points measured during this reporting period ranged from approximately 36.8 to 227.5 actual cubic feet per minute (acfm).
- SSDS wellhead vacuum measurements (i.e., negative pressure) during this reporting period ranged from -17.0 to -52.0 inches water column (iwc). The separate RadonAway fan was operating at its expected setpoint of -4.0 iwc.
- Induced vacuum levels (i.e., negative pressure) measured at monitoring point locations (MP-1 through MP-6) indicate that all 66 induced vacuum measurements recorded during the 2025 reporting period exhibited adequate negative pressure (e.g., -0.004 iwc or less). The readings ranged from -0.011 to -0.910 iwc.

SSDS operations and maintenance forms, and photos of system components, are included in Attachment 1.

Conclusions and Recommendations

Based on the results provided herein, Roux concludes the following:

- The SSDS operated as intended (i.e., effectively maintaining a negative pressure beneath the building slab).
- Operation of the SSDS should be continued in order to maintain a negative pressure beneath the building slab.
- Collection of quarterly induced vacuum measurements should be continued to evaluate the ongoing effectiveness of the SSDS in maintaining a negative pressure beneath the building slab.

Should you have any comments or questions, please do not hesitate to contact us directly.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Jessica Lam
Project Geologist



Noelle Clarke, P.E.
Principal Engineer

Attachments

Table 1. System Operational Data, Sub-Slab Depressurization System, United Stellar Industries Site, Plainview, New York

Date	SVE - 1 Extraction Well Parameters			SVE - 2 Extraction Well Parameters			SVE - 3 Extraction Well Parameters		
	Wellhead Vacuum (in.W.C.)	Air Velocity (fpm)	Air Flow Rate ⁽²⁾ (acfm)	Wellhead Vacuum (in.W.C.)	Air Velocity (fpm)	Air Flow Rate ⁽²⁾ (acfm)	Wellhead Vacuum (in.W.C.)	Air Velocity (fpm)	Air Flow Rate ⁽²⁾ (acfm)
1/30/2025	-28.0	NM	NA	-52.0	NM	NA	-46.0	NM	NA
2/28/2025	-30.0	NM	NA	-44.0	NM	NA	-40.0	NM	NA
3/31/2025	-26.0	7,383	169.1	-44.0	9,936	227.5	-38.0	9,937	227.5
4/30/2025	-20.0	NM	NA	-42.0	NM	NA	-35.0	NM	NA
5/21/2025	-17.0	NM	NA	-38.0	NM	NA	-31.0	NM	NA
6/26/2025	-18.0	5,404	123.7	-38.0	8,104	185.6	-32.0	8,149	186.6
7/23/2025	-18.0	NM	NA	-38.0	NM	NA	-32.0	NM	NA
8/20/2025	-18.0	NM	NA	-38.0	NM	NA	-31.0	NM	NA
9/24/2025	-18.0	4,420	101.2	-39.0	7,822	179.1	-32.0	7,615	174.4
10/22/2025	-17.0	NM	NA	-37.0	NM	NA	-32.0	NM	NA
11/19/2025	-18.0	NM	NA	-38.0	NM	NA	-32.0	NM	NA
12/17/2025	-18.0	1,607	36.8	-38.0	2,241	51.3	-31.0	2,560	58.6

Table 1. System Operational Data, Sub-Slab Depressurization System, United Stellar Industries Site, Plainview, New York

Date	Blower Parameters ⁽⁴⁾	GAC 500 Parameters ⁽³⁾				Discharge Parameters				
	Influent Vacuum (in.W.C.)	Influent Pressure (in.W.C.)	Influent Temperature (Degrees F)	Air Velocity (fpm)	Air Flow Rate ⁽²⁾ (acfm)	PID Measured Concentration (ppmv)	Discharge Pressure (in.W.C.)	Discharge Temperature (Degrees F)	Air Velocity (fpm)	Air Flow Rate ⁽²⁾ (acfm)
1/30/2025	-74.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
2/28/2025	-67.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
3/31/2025	-67.0	NA	NA	NA	NA	NA	NM	97.2	1,717	153.5
4/30/2025	-64.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
5/21/2025	-62.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
6/26/2025	-62.0	NA	NA	NA	NA	NA	NM	109.3	1,797	160.7
7/23/2025	-63.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
8/20/2025	-63.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
9/24/2025	-68.0	NA	NA	NA	NA	NA	NM	99.4	1,674	149.7
10/22/2025	-62.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
11/19/2025	-63.0	NA	NA	NA	NA	NA	NM	NM	NM	NA
12/17/2025	-62.0	NA	NA	NA	NA	NA	NM	NM	1,350	120.7

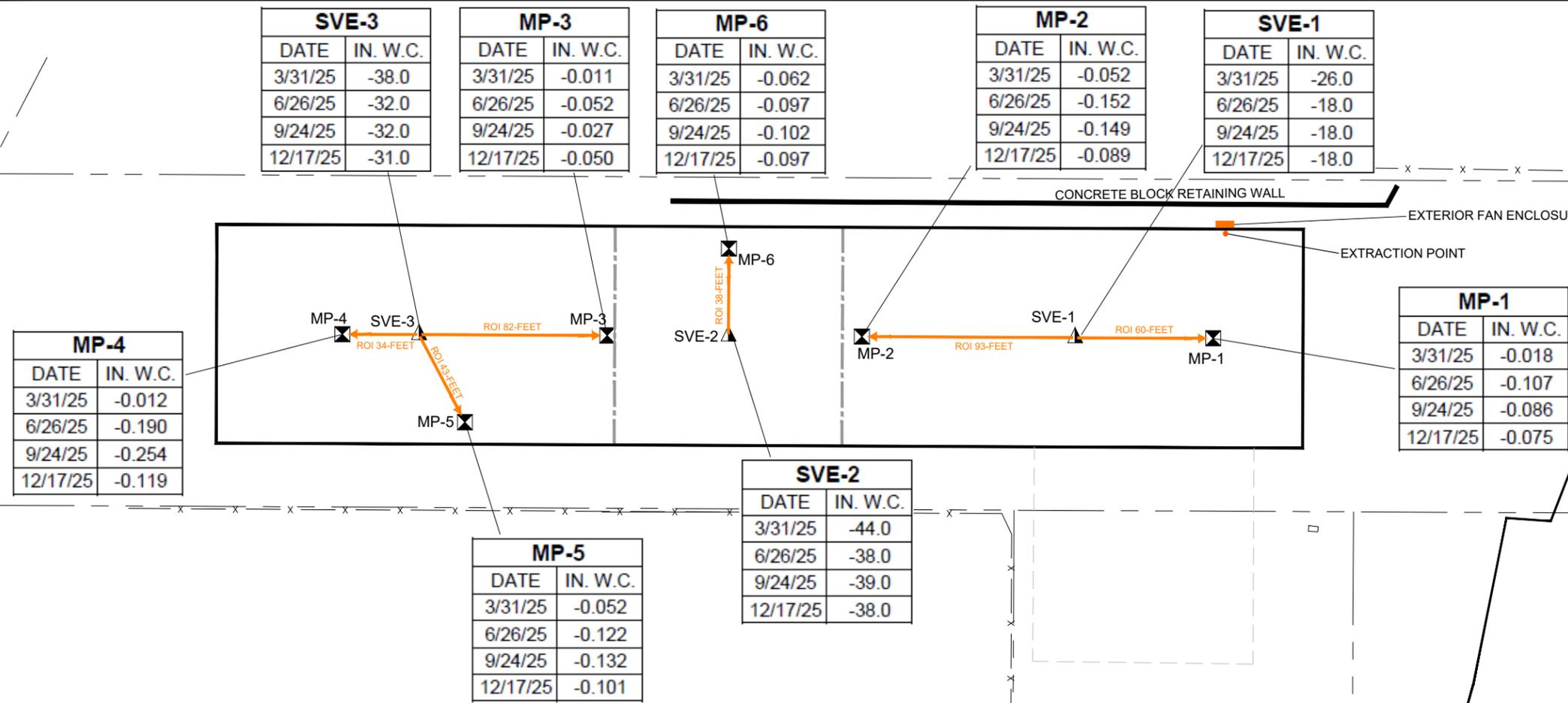
Table 1. System Operational Data, Sub-Slab Depressurization System, United Stellar Industries Site, Plainview, New York

Induced Vacuum Measurements						
Date	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6
	(in.W.C.)	(in.W.C.)	(in.W.C.)	(in.W.C.)	(in.W.C.)	(in.W.C.)
1/30/2025	-0.017	-0.050	-0.017	-0.037	-0.077	-0.042
2/28/2025	NM	NM	NM	NM	NM	NM
3/31/2025	-0.018	-0.052	-0.011	-0.012	-0.052	-0.062
4/30/2025	-0.052	-0.063	-0.132	-0.117	-0.092	-0.077
5/21/2025	-0.015	-0.061	-0.025	-0.087	-0.075	-0.080
6/26/2025	-0.107	-0.152	-0.052	-0.190	-0.122	-0.097
7/23/2025	-0.099	-0.113	-0.030	-0.195	-0.098	-0.084
8/20/2025	-0.085	-0.099	-0.028	-0.115	-0.910	-0.820
9/24/2025	-0.086	-0.149	-0.027	-0.254	-0.132	-0.102
10/22/2025	-0.091	-0.107	-0.031	-0.127	-0.100	-0.090
11/19/2025	-0.087	-0.116	-0.043	-0.143	-0.097	-0.088
12/17/2025	-0.075	-0.089	-0.050	-0.119	-0.101	-0.097

Notes and Abbreviations:

acfm actual cubic feet per minute
 fpm feet per minute
 in. W.C inches of water column

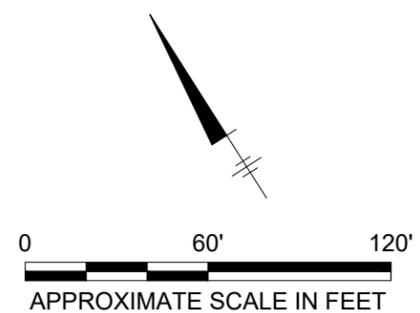
SUNNYSIDE BLVD.



LEGEND:

- APPROXIMATE LOCATION OF FORMER BUILDING FOUNDATION FOOTINGS
- ☒ PRESSURE MONITORING POINT
- ▲ SOIL VAPOR EXTRACTION POINT
- ROI (RADIUS OF INFLUENCE)
- IN. W.C. INDUCED VACUUM MEASUREMENTS REPRESENTED IN INCHES OF WATER COLUMN

TERMINAL BLVD.



NOTES:

1. THE LOCATION OF WELLS SURVEYED BY DONALD G. DEKENIPP L.S., P.C. PROFESSIONAL LAND SURVEYOR, 222 GREENE AVENUE, SAYVILLE, NY, 11782, ON JUNE 1, 5, AND 7, 2018.
2. ALL LOCATIONS ARE APPROXIMATE.
3. BASE MAP OBTAINED FROM FIGURE 3, CONSTRUCTION COMPLETION REPORT, ARCADIS OF NEW YORK, INC., JUNE 16, 2020.

FORMER UNITED STELLAR INDUSTRIES SITE
131 SUNNYSIDE BOULEVARD
PLAINVIEW, NEW YORK

Compiled by: J.L. Date: 01/08/2026 FIGURE
Project Mgr: J.L. Scale: AS SHOWN 1

2025 Annual System Status Report
Former United Stellar Industries Site (#130115)
131 Sunnyside Boulevard, Plainview, New York

ATTACHMENT 1

SSDS Operations and Maintenance Forms and
Photos of System Components



Photograph 1: Overall view of the system container.



Photograph 2: View of the SVE vacuum gauges.



Photograph 3: View of vacuum filter replacement.



Photograph 4: View of condensate drained from the knockout tank.

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>1/30/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Jessica Lam</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	___	X	filter replaced
Does the knock-out tank need to be drained? (Record amount drained)	X	___	4 gallons
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.
 other comments about the system: _____ the vacuum filter was replaced.

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-74	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-28	Not Measured
SVE-2	-52	Not Measured
SVE-3	-46	Not Measured
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.017	
MP-2	-0.050	
MP-3	-0.017	
MP-4	-0.037	
MP-5	-0.077	
MP-6	-0.042	

in. w.c. - inches of water
 fpm - feet per minute



Photograph 1: View of the knockout tank.



Photograph 2: View of the SVE vacuum gauges.



Photograph 3: View of the blower vacuum gauge.



Photograph 4: View of the u-tube reading associated with the GP-501 fan.

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>2/28/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Jessica Lam</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	X	___	3 gallons
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-67	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-30	Not Measured
SVE-2	-44	Not Measured
SVE-3	-40	Not Measured
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	Not Measured	
MP-2	Not Measured	
MP-3	Not Measured	
MP-4	Not Measured	
MP-5	Not Measured	
MP-6	Not Measured	

in. w.c. - inches of water
fpm - feet per minute



Photograph 1: Overall view of the system container.



Photograph 2: View of the exterior piping.



Photograph 3: View of the vacuum measurement from MP-1.



Photograph 4: View of the velocity measurement from SVE-3.

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>3/31/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Full Quarterly Inspection</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Jessica Lam</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected;
 other comments about the system: _____ vacuum measurements were recorded from the six monitoring points; and extraction well and blower parameters
 _____ were recorded.

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-67	
Discharge Temperature (degrees F)	97.2	
Discharge Air Velocity (fpm)	1717	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-26	7383
SVE-2	-44	9936
SVE-3	-38	9937
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.018	
MP-2	-0.052	
MP-3	-0.011	
MP-4	-0.012	
MP-5	-0.052	
MP-6	-0.062	

in. w.c. - inches of water
 fpm - feet per minute



Photograph 1: View of the knockout tank.



Photograph 2: View of the SVE vacuum gauges.



Photograph 3: View of the blower vacuum gauge.



Photograph 4: View of the u-tube reading associated with the GP-501 fan.

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>4/30/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Jessica Lam</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	X	___	1 gallon
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-64	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-20	Not Measured
SVE-2	-42	Not Measured
SVE-3	-35	Not Measured
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.052	
MP-2	-0.063	
MP-3	-0.132	
MP-4	-0.117	
MP-5	-0.092	
MP-6	-0.077	

in. w.c. - inches of water
fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>5/21/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-62	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-17	Not Measured
SVE-2	-38	Not Measured
SVE-3	-31	Not Measured
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.015	
MP-2	-0.061	
MP-3	-0.025	
MP-4	-0.087	
MP-5	-0.075	
MP-6	-0.080	

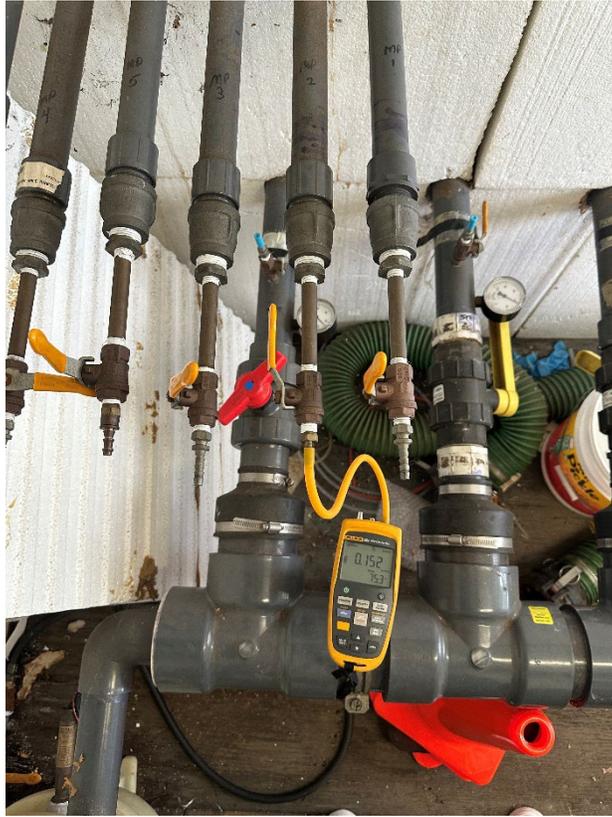
in. w.c. - inches of water
fpm - feet per minute



Photograph 1: Overall view of the system container.



Photograph 2: View of the exterior piping.



Photograph 3: View of the vacuum measurement from MP-2.



Photograph 4: View of the velocity measurement from SVE-3.

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>3/31/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Full Quarterly Inspection</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Jessica Lam</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	
Are any warning lights on? (Please list those that are on)	___	X	
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	
Are the valves (at blower and aboveground piping) in good condition?	X	___	
Is the vacuum filter in good condition?	X	___	
Does the knock-out tank need to be drained? (Record amount drained)	___	X	
Are vacuum/pressure gauges at blower operating properly?	X	___	
Is exterior piping free of cracks, leaks, and support issues?	X	___	
Is interior piping free of cracks, leaks, and support issues?	X	___	

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected;
 other comments about the system: _____ vacuum measurements were recorded from the six monitoring points; and extraction well and blower parameters
 _____ were recorded.

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-62	
Discharge Temperature (degrees F)	109.3	
Discharge Air Velocity (fpm)	1797	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-18	5404
SVE-2	-38	8104
SVE-3	-32	8149
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.107	
MP-2	-0.152	
MP-3	-0.052	
MP-4	-0.190	
MP-5	-0.122	
MP-6	-0.097	

in. w.c. - inches of water
 fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United States Industries Site (FUSIS)</u>	Inspection Date: <u>07-27-25</u>
Street Address: <u>151 Sunnyside Boulevard</u>	Inspection Personnel: <u>M. Saini (Roux)</u>
Location: <u>Flushing, New York</u>	
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gen 630A-2 (208-230/60/3), RadonAway GPM1</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (for actions taken if "No" is checked)
	Is the system operating normally?	<input checked="" type="checkbox"/>	
Are any warning lights on? (Please list those that are on)	<input checked="" type="checkbox"/>		
If there is an alarm condition, was it fixed and the system restarted?	<input checked="" type="checkbox"/>		
Is the blower enclosure in good condition?	<input checked="" type="checkbox"/>		
Are the valves (at blower and aboveground piping) in good condition?	<input checked="" type="checkbox"/>		
Is the vacuum filter in good condition?	<input checked="" type="checkbox"/>		
Does the knock-out tank need to be drained? (Record amount drained)	<input checked="" type="checkbox"/>		
Are vacuum/pressure gauges at blower operating properly?	<input checked="" type="checkbox"/>		
Is exterior piping free of cracks, leaks, and support issues?	<input checked="" type="checkbox"/>		
Is interior piping free of cracks, leaks, and support issues?	<input checked="" type="checkbox"/>		

List maintenance activities that were performed or other comments about the system: _____

Gen 630A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	<u>-63</u>	
Discharge Temperature (degrees F)		
Discharge Air Velocity (fpm)		
RadonAway GPM1 Parameters		Comments
U-Tube Level (in. w.c.)	<u>-4</u>	
Extraction Well Parameters		
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVB-1	<u>-18</u>	
SVB-2	<u>-38</u>	
SVB-3	<u>-32</u>	
Soil Vapor Monitoring Poles		Induced Vacuum (in. w.c.)
MP-1		<u>0.099</u>
MP-2		<u>0.113</u>
MP-3		<u>0.030</u>
MP-4		<u>0.145</u>
MP-5		<u>0.098</u>
MP-6		<u>0.084</u>

in. w.c. = inches of water
fpm = feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>7/23/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters	Comments
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Influent Vacuum (in. w.c.)	-63	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	

RadonAway GP501 Parameters	Comments
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U-Tube Level (in. w.c.)	-4	
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Extraction Well Parameters	Comments
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Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)	
SVE-1	-18	Not Measured	
SVE-2	-38	Not Measured	
SVE-3	-32	Not Measured	

Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
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MP-1	-0.099	
MP-2	-0.113	
MP-3	-0.030	
MP-4	-0.195	
MP-5	-0.098	
MP-6	-0.084	

in. w.c. - inches of water
fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>8/20/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.
 other comments about the system: _____

Gast 6350A-2 Blower Parameters	Comments
Influent Vacuum (in. w.c.) -63	
Discharge Temperature (degrees F) Not Measured	
Discharge Air Velocity (fpm) Not Measured	

RadonAway GP501 Parameters	Comments
U-Tube Level (in. w.c.) -4	

Extraction Well Parameters			Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)	
SVE-1	-18	Not Measured	
SVE-2	-38	Not Measured	
SVE-3	-31	Not Measured	

Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.085	
MP-2	-0.099	
MP-3	-0.028	
MP-4	-0.115	
MP-5	-0.910	
MP-6	-0.820	

in. w.c. - inches of water
 fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>9/24/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Full Quarterly Inspection</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected;
 other comments about the system: _____ vacuum measurements were recorded from the six monitoring points; and extraction well and blower parameters
 _____ were recorded.

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-68	
Discharge Temperature (degrees F)	99.4	
Discharge Air Velocity (fpm)	1674	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-18	4420
SVE-2	-39	7822
SVE-3	-32	7615
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.086	
MP-2	-0.149	
MP-3	-0.027	
MP-4	-0.254	
MP-5	-0.132	
MP-6	-0.102	

in. w.c. - inches of water
 fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>10/22/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters	Comments
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Influent Vacuum (in. w.c.)	-62	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	

RadonAway GP501 Parameters	Comments
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U-Tube Level (in. w.c.)	-4	
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Extraction Well Parameters	Comments
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Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)	
SVE-1	-17	Not Measured	
SVE-2	-37	Not Measured	
SVE-3	-32	Not Measured	

Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
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MP-1	-0.091	
MP-2	-0.107	
MP-3	-0.031	
MP-4	-0.127	
MP-5	-0.100	
MP-6	-0.090	

in. w.c. - inches of water
fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>11/19/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Periodic Visual</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected.

other comments about the system: _____

Gast 6350A-2 Blower Parameters		Comments
Influent Vacuum (in. w.c.)	-63	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	Not Measured	
RadonAway GP501 Parameters		Comments
U-Tube Level (in. w.c.)	-4	
Extraction Well Parameters		Comments
Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)
SVE-1	-18	Not Measured
SVE-2	-38	Not Measured
SVE-3	-32	Not Measured
Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
MP-1	-0.087	
MP-2	-0.116	
MP-3	-0.043	
MP-4	-0.143	
MP-5	-0.097	
MP-6	-0.088	

in. w.c. - inches of water
fpm - feet per minute

SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name: <u>Former United Stellar Industries Site (#130115)</u>	Inspection Date: <u>12/17/2025</u>
Street Address: <u>131 Sunnyside Boulevard</u>	Inspection Type: <u>Full Quarterly Inspection</u>
Location: <u>Plainview, New York</u>	Inspection Personnel: <u>Michael Sarni</u>
System: <u>Active Sub-Slab Depressurization System</u>	
Blower/Fan: <u>Gast 6350A-2 (208-230/460V); RadonAway GP501</u>	

INSPECTION ITEM DESCRIPTION	Yes	No	Comments / Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	X	___	_____
Are any warning lights on? (Please list those that are on)	___	X	_____
If there is an alarm condition, was it fixed and the system restarted?	___	___	N/A
Is the blower enclosure in good condition?	X	___	_____
Are the valves (at blower and aboveground piping) in good condition?	X	___	_____
Is the vacuum filter in good condition?	X	___	_____
Does the knock-out tank need to be drained? (Record amount drained)	___	X	_____
Are vacuum/pressure gauges at blower operating properly?	X	___	_____
Is exterior piping free of cracks, leaks, and support issues?	X	___	_____
Is interior piping free of cracks, leaks, and support issues?	X	___	_____

List maintenance activities that were performed or _____ the interior and exterior piping, blower, knock-out tank, vacuum/pressure gauges, and valves were inspected;
 other comments about the system: _____ vacuum measurements were recorded from the six monitoring points; and extraction well and blower parameters
 _____ were recorded.

Gast 6350A-2 Blower Parameters	Comments
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Influent Vacuum (in. w.c.)	-62	
Discharge Temperature (degrees F)	Not Measured	
Discharge Air Velocity (fpm)	1350	

RadonAway GP501 Parameters	Comments
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U-Tube Level (in. w.c.)	-4	
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Extraction Well Parameters	Comments
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Extraction Well	Wellhead Vacuum (in. w.c.)	Air Velocity (fpm)	
SVE-1	-18	1607	
SVE-2	-38	2241	
SVE-3	-31	2560	

Soil Vapor Monitoring Point	Induced Vacuum (in. w.c.)	Comments
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MP-1	-0.075	
MP-2	-0.089	
MP-3	-0.050	
MP-4	-0.119	
MP-5	-0.101	
MP-6	-0.097	

in. w.c. - inches of water
 fpm - feet per minute